

# INTELLIGENCE BUREAU

(Ministry of Home Affairs)

Government of India

Test Center Name	TCS Gito Bitan
Test Date	17/01/2024
Test Time	8:30 AM - 9:30 AM
Subject	IB ACIO II Exe

## Section : Current Affairs

**Q.1 Consider the following statements about Mitrashakti 2023:**

1. It is a naval exercise
2. It is the joint exercise of India and Sri Lanka
3. The exercise has been conducted from 16th to 29th November 2023.
4. It is aimed at fostering a deeper understanding of each other's operational strategies and tactics

Which of the statement given above is/are correct?

- Ans**
- 1. Statement 2 and 3
  - 2. Statement 1, 3, 4
  - 3. Statement 1, 2 and 3
  - 4. All are correct

**Q.2 Consider the following statement about India's first Regional Rapid Transit System(RRTS):**

1. It was inaugurated by Prime Minister Narendra Modi
2. It was inaugurated on 20 October 2023
3. It comes under Ministry of Housing & Urban Affairs
4. Delhi-Ghaziabad-Meerut RRTS corridor is the first RRTS corridor in India.

Which of the statement given above is/are incorrect?

- Ans**
- 1. Statement 4
  - 2. None of given statement
  - 3. Statement 2 and 3
  - 4. Statement 1

Q.3 Match the list 1 and list 2 and select the correct answer using the code given below.

List 1 (Chatbot)	List 2 (Company)
A. Q	1. OpenAI
B. Bard	2. IndiGo
C. 6Eskai	3. Google
D. ChatGPT	4. Amazon

- Ans
- 1. A-2 B-3 C-1 D-4
  - 2. A-4 B-3 C-2 D-1
  - 3. A-2 B-3 C-4 D-1
  - 4. A-4 B-2 C-1 D-3

Q.4 Orunodoi 2.0 is launched by which of the following states?

- Ans
- 1. Assam
  - 2. Jharkhand
  - 3. Rajasthan
  - 4. Manipur

Q.5 Sacred Ensembles of the Hoysalas which was declared as a UNESCO world heritage site in 2023 is located in \_\_\_\_\_.

- Ans
- 1. Odisha
  - 2. Andhra Pradesh
  - 3. Karnataka
  - 4. Chhattisgarh

Q.6 As per Financial Assistance for Promotion of Guru-Shishya Parampara scheme of Ministry of Culture,

- Ans
- 1. support is provided to 1 Guru and maximum 12 Shishyas in the field of theatre
  - 2. support is provided to 1 Guru and maximum 18 Shishyas in the field of theatre
  - 3. support is provided to 1 Guru and maximum 10 Shishyas in the field of theatre
  - 4. support is provided to 1 Guru and maximum 15 Shishyas in the field of theatre

Q.7 What is India's rank in Climate Change Performance Index in 2023?

- Ans
- 1. 7th
  - 2. 5th
  - 3. 6th
  - 4. 8th

Q.8 Who among the following are the first-ever brother-sister duo to become Grandmasters in chess?

- Ans
- 1. Priya Gupta and Abhijeet Gupta
  - 2. Vaishali Rameshbabu and Praggnanandhaa
  - 3. Padmini Rout and Parimarjan Rout
  - 4. Vantika Agrawal and Suri Agrawal

Q.9 What is the rank of India in Global Innovation Index 2023?

- Ans
- 1. 23rd
  - 2. 8th
  - 3. 34th
  - 4. 40th

**Q.10** Consider the following statement about "Women Reservation Act 2023":

1. Provides 33 percent reservation to women in state assemblies and Lok Sabha
2. It is related to the 106th constitutional amendment act of the Indian constitution
3. Through this act reservation will be provided for the next 10 years which can be extended in future.
4. Article 330A is inserted through this amendment

Which of the statement given above is/are correct?

- Ans**
- 1. All are correct
  - 2. Statement 2,3 and 4
  - 3. Statement 1, 2 and 4
  - 4. Statement 1, 2 and 3

**Q.11** Who is appointed as the new DGCA Chief in Jan 2023?

- Ans**
- 1. Ravi Krishna
  - 2. Vikram Dev Dutt
  - 3. Bir Singh Rai
  - 4. D.C Sharma

**Q.12** Consider the following statement about "Miyawaki" Plantation Method:

1. In December 2023, in a bid boost forest cover in the coal belt region of Chhattisgarh, Coal India Ltd subsidiary, South Eastern Coalfields Ltd (SECL) will undertake plantation using the Miyawaki method for the first time in its operational areas.
2. The Miyawaki method of plantation was pioneered in the 90s by Spanish botanist and expert in plant ecology Mr. Akira Miyawaki.
3. This technique of plantation involves planting native trees, shrubs and groundcover plants within every square metre.

Which of the statement given above is/are correct?

- Ans**
- 1. Only statement 2
  - 2. All are correct
  - 3. Statement 2 and 3
  - 4. Statement 1 and 3

**Q.13** As of December 2023, which among the following schemes are related with the Ministry of Minority Affairs:

1. Pradhan Mantri Jan Vikas Karyakram
2. Saksham Scholarship Scheme
3. Pragati Scholarship
4. Beti Bachao Beti Padhao

- Ans**
- 1. 2 and 3
  - 2. Only 1
  - 3. 1 and 2
  - 4. Only 4

**Q.14** Consider the following statement about "Project UDBHAV":

1. Rajnath Singh inaugurated 'Project Udbhav'.
2. This project has been launched in October 2023.
3. It is an initiative by the Indian Army to blend ancient wisdom with modern military methods for tackling current security challenges

Which of the statement given above is/are correct?

- Ans**
- 1. All are correct
  - 2. Statement 2 and 3
  - 3. Only statement 3
  - 4. Only statement 2

**Q.15** Consider the following statement about NISAR:

1. It is a microwave remote sensing satellite for Earth observation
2. It is a joint mission of India and USA
3. It's full form is NASA-ISRO Synthetic Aperture Radar
4. It is targeted for launch onboard India's GSLV

Which of the statement given above is/are correct?

- Ans**
- 1. Statement 2 and 3
  - 2. Only statement 2 and 4
  - 3. All are correct
  - 4. Only statement 1, 3, 4

**Q.16** Bharatiya Nyaya Sanhita was introduced in Lok Sabha to replace\_\_\_\_\_.

- Ans**
- 1. Indian Criminal Code
  - 2. Indian Code of Conduct
  - 3. Indian Penal Code
  - 4. Indian Civil Code

**Q.17** Frontal offset test in Bharat New Car Assessment Programme (NCAP) is performed at a speed of \_\_\_\_\_.

- Ans**
- 1. 70 kmph
  - 2. 82 kmph
  - 3. 64 kmph
  - 4. 75 kmph

**Q.18** Which of the following city is recognized as city of music by UNESCO's Creative Cities Network?

- Ans**
- 1. New Delhi
  - 2. Srinagar
  - 3. Jaipur
  - 4. Gwalior

**Q.19** Consider the following statement about the peace agreement done by Government of India in December 2023:

1. It was signed between United National Liberation Front (UNLF), Government of Manipur and Government of India
2. NRFM (earlier United Revolutionary Front) was formed on September 11, 2021
3. Around 25 leaders/cadres of National Revolutionary Front Manipur (NRFM- a Meitei UG outfit) led by Major Boicha (Vice Chief of Army Staff of NRFM) along with 50 weapons have joined UNLF on 22nd December, 2023.

Which of the statement given above is/are correct?

- Ans**
- 1. Only statement 2
  - 2. All are correct
  - 3. Only statement 1
  - 4. Statement 1 and 2

**Q.20** Consider the following statement about Hockey India Sub Junior Women South Zone Championship 2023:

1. It was the 2nd edition of such kind of tournament.
2. In this event Hockey Andhra Pradesh secured the top position with 12 points
3. Hockey Unit of Tamil Nadu have secured the 2nd position.

Which of the statement given above is/are correct?

- Ans**
- 1. Statement 2 and 3
  - 2. Only statement 2
  - 3. Only statement 3
  - 4. All are correct

**Q.1** Consider the following statements:

1. The Eighth Schedule of the Indian Constitution lists 22 languages recognized as scheduled languages of India.
2. Sanskrit is the liturgical language of Hinduism, Buddhism, and Jainism, and is one of the 22 languages listed in the Eighth Schedule.
3. Konkani, spoken in the Western coastal regions of India, was added to the Eighth Schedule in the 71st amendment of the Constitution.

Which of the statements above is/are correct?

- Ans**
- 1. 1 and 2 only
  - 2. 2 and 3 only
  - 3. 1, 2, and 3
  - 4. 1 only

**Q.2** Net Indirect Taxes are included in \_\_\_\_\_.

- Ans**
- 1. Net Current Transfers
  - 2. Personal Disposable Income
  - 3. Personal Taxes
  - 4. National Disposable Income

**Q.3** Which of the following rivers are east flowing rivers?

- A) Godavari
- B) Tapi
- C) Krishna
- D) Narmada

- Ans**
- 1. A, B only
  - 2. A, C only
  - 3. A, B, C only
  - 4. B, C, D only

**Q.4** Which of the following were the aspects of the green revolution?

- A) Using High Yielding Varieties seeds
- B) Mechanization of Agriculture
- C) Use of Chemical Fertilizers and Pesticides
- D) Irrigation

- Ans**
- 1. A, B, C only
  - 2. A, B, C, D
  - 3. B, C, D only
  - 4. A, C, D only

**Q.5** Consider the following statements:

- A) Judicial decisions are bound by precedent in common law, whereas quasi-judicial decisions are generally not.
- B) Judicial decisions may create new laws, but quasi-judicial decisions are based on existing law.

- Ans**
- 1. Only A is true
  - 2. Only B is true
  - 3. Both A and B is true
  - 4. Neither A nor B is true

**Q.6** Consider the following statements:

- 1.The Prime Minister of India must be a member of the Lok Sabha or the Rajya Sabha.
  - 2.The President of India has the power to grant pardons, reprieves, respites, or remissions of punishment under Article 73 of the Indian Constitution.
  - 3.The Vice-President of India is ex officio Chairman of the Lok Sabha.
  - 4.The Governor of a state in India is appointed by the President and holds office during the pleasure of the President.
- Which of the statements above is/are correct?

- Ans**
- 1. 2 only
  - 2. 1 and 4 only
  - 3. 1 only
  - 4. 3 and 4 only

**Q.7** Consider the following statements:

- 1)The Indian National Congress was formed in 1885 with A.O. Hume as its first president.
  - 2)The Muslim League was founded in 1906 and proposed the idea of separate electorates for Muslims with the Lucknow Pact.
  - 3)The All India Kisan Sabha was established in Lucknow in 1936 to address the issues of the peasantry.
  - 4)The Ghadar Party was an international political movement founded by Punjabi Indians in the United States and Canada with the aim of liberating India from British rule.
- Which of the above statements are correct?

- Ans**
- 1. 1, 2, and 3
  - 2. 1, 2, and 4
  - 3. 2, 3, and 4
  - 4. 1, 3, and 4

**Q.8** Consider the following statements:

- 1.HDI is a composite index that accounts for life expectancy at birth, mean years of schooling, expected years of schooling, and Gross National Income per capita.
  - 2.As per the UNDP report, India's HDI value saw a decline during the COVID-19 pandemic.
  - 3.The HDI for India's female population has been historically lower than that for the male population.
  - 4.The Inequality-adjusted Human Development Index (IHDI) considers inequality in the distribution of each dimension across the population.
- Which of the statements above is/are correct?

- Ans**
- 1. 1, 3, and 4 only
  - 2. 1, 2, and 4 only
  - 3. 2, 3, and 4 only
  - 4. 1, 2, 3 and 4

**Q.9** Who among the following was the minister who helped King Ashoka acquire the throne?

- Ans**
- 1. Bhadrayudha
  - 2. Radhagupta
  - 3. Samudra
  - 4. Susima

**Q.10** The term 'secular' was added to the Preamble of the Indian Constitution by \_\_\_\_\_.

- Ans**
- 1. the 45nd Constitutional Amendment Act of 1985.
  - 2. the 42nd Constitutional Amendment Act of 1970.
  - 3. the 40th Constitutional Amendment Act of 1968
  - 4. the 42nd Constitutional Amendment Act of 1976.

**Q.11** Mamluk Dynasty was ended by which of the following rulers?

- Ans**
- 1. Timur
  - 2. Qutb-ud-din Aibak
  - 3. Jalal-ud-din Firuz Khilji
  - 4. Ghiyas-ud-din Tughluq

Q.12 The height of the Dancing Girl figurine of Indus Valley Civilization is about \_\_\_\_\_.

- Ans
- 1. 169 cm
  - 2. 83 cm
  - 3. 111 cm
  - 4. 11 cm

Q.13 Ullambana is the festival of which of the following religion?

- Ans
- 1. Buddhism
  - 2. Hinduism
  - 3. Jainism
  - 4. Sikhism

Q.14 Consider the following statements:

1. The Vijayanagara Empire was established by Harihara-I and Bukka Raya-I.
2. Krishnadevaraya, the greatest ruler of the Vijayanagara Empire, belonged to the Tuluva dynasty.
3. The Battle of Talikota led to the decline of the Chola Empire.

Which of the statements above is/are correct?

- Ans
- 1. 2 and 3 only
  - 2. 1, 2, and 3
  - 3. 1 and 2 only
  - 4. 1 and 3 only

Q.15 Consider the following statements:

1. The Brahmaputra river is known as Tsangpo in its upper reaches in Tibet.
2. The Godavari river is often referred to as the Ganges of the South.
3. The Krishna river has the second-largest river basin in India, after the Ganges.
4. The Indus river originates from the Tibetan plateau, near Lake Mansarovar.

Which of the statements above is/are correct?

- Ans
- 1. 2, 3, and 4 only
  - 2. 1, 2, and 4 only
  - 3. 1, 3, and 4 only
  - 4. 1, 2, and 3 only

Q.16 Consider the following statements:

1. The Constitution (74th Amendment) Act, 1992 provides for the constitution of Wards Committees.
2. The Twelfth Schedule of the Constitution lists the powers, authority, and responsibilities of Municipalities.
3. Urban Local Governments in India include Municipal Corporations, Municipal Councils, and Nagar Panchayats depending on the size of the population.

Which of the above statements are correct?

- Ans
- 1. 1 and 3 only
  - 2. 1 and 2 only
  - 3. 2 and 3 only
  - 4. 1, 2 and 3

Q.17 The literacy rate of males in India as per 2011 census is around \_\_\_\_\_.

- Ans
- 1. 74%
  - 2. 76%
  - 3. 82%
  - 4. 79%

Q.18 Consider the following statements:

- 1.The Bhagavad Gita is part of the Mahabharata and is a dialogue between Krishna and Arjuna.
- 2.Shankaracharya is associated with the Advaita Vedanta school of Hindu philosophy.
- 3.The Rigveda is the oldest of the Vedas and contains hymns dedicated to various deities.
- 4.The Natya Shastra, attributed to sage Bharata, is an ancient Indian treatise on the performing arts and is closely related to the expression of Hindu spirituality.

Which of the statements above is/are correct?

- Ans
- 1. 1, 2, 3, and 4
  - 2. 1, 3, and 4 only
  - 3. 1, 2, and 4 only
  - 4. 2, 3, and 4 only

Q.19 Consider the following statements:

- 1.The HDI assesses a country's average accomplishment in three aspects: a long and healthy life, knowledge, and a decent standard of living.
- 2.Kerala has consistently topped among Indian states in HDI rankings.
- 3.According to the Human Development Report of 2021-22, India ranks 135 out of 191 countries, behind Bangladesh (129) and Sri Lanka (73).

Which of the statements above is/are correct?

- Ans
- 1. 2 and 3 only
  - 2. 1 and 2 only
  - 3. 1 and 3 only
  - 4. 1, 2 and 3

Q.20 Consider the following statements:

- 1.The Tehri Dam, located on the Bhagirathi River in Uttarakhand, is the highest dam in India.
  - 2.The Kakrapar Atomic Power Plant is situated in Tapi, Gujarat.
  - 3.The Narora Atomic Power Station, situated in Uttar Pradesh, is a major contributor to India's nuclear energy production.
- Which of the statements above is/are correct?

- Ans
- 1. 2 and 3 only
  - 2. 1, 2 and 3
  - 3. 1 and 2 only
  - 4. 1 and 3 only

Section : Numerical Aptitude

Q.1 If  $a^3 - b^3 = 602$  and  $a - b = 2$ , then find the value of  $(a^2 + b^2)$ .

- Ans
- 1. 156
  - 2. 240
  - 3. 202
  - 4. 260

Q.2 From a cask filled with wine, 108.75 litres are first drawn and replaced with water. From this mixture 87 litres are drawn and replaced with water. The ratio of wine to water in the cask is now 3 : 2. How many litres of wine did the cask initially hold?

- Ans
- 1. 522
  - 2. 348
  - 3. 470
  - 4. 435



Q.3 If 22% of  $x$  is equal to 66% of  $y$ , then find the value of  $x : y$ .

- Ans
- 1. 2 : 5
  - 2. 1 : 3
  - 3. 3 : 1
  - 4. 11 : 6

Q.4 Find the HCF of 36, 108, and 156.

- Ans
- 1. 36
  - 2. 12
  - 3. 9
  - 4. 16

Q.5 A train travels at a speed of 72.6 km/hr. How many kilometres will it travel in 15 minutes?

- Ans
- 1. 18.15 km
  - 2. 16.22 km
  - 3. 20.5 km
  - 4. 13.12 km

Q.6 How many pairs of natural numbers  $(x, y)$  exist such that  $x > y$  and the product of  $x, y$  and  $\text{HCF}(x, y) = 2520$ ?

- Ans
- 1. 4
  - 2. 5
  - 3. 6
  - 4. 3

Q.7 If the numerator of a fraction is increased by 25% and the denominator is decreased by 10%, the value of the new fraction becomes  $\frac{25}{24}$ . Find the original fraction.

- Ans
- 1. 3 : 2
  - 2. 3 : 4
  - 3. 4 : 3
  - 4. 2 : 3

Q.8 X's income is 44% more than that of Y. What percent is Y's income less than X's?

- Ans
- 1. 32.5%
  - 2. 20.4%
  - 3. 30.5%
  - 4. 33%

Q.9 The average age of a group of 10 friends is 27 years. If one friend leaves the group, the average becomes 25 years. Find the age of the friend who left the group.

- Ans
- 1. 65 years
  - 2. 45 years
  - 3. 50 years
  - 4. 55 years

**Q.10** Rohan purchased an item for which there was a 13.5% discount offered on the part of the payment made in cash and a 6.25% surcharge on the part of the payment made through a credit card. If Rohan would have paid the entire amount in cash he would have paid Rs  $y$  for the item. But he actually had to pay Rs 40964 in all for the item, out of which Rs 29064 was paid in cash. What is the value of  $y$ ?

- Ans**
- 1. 35700
  - 2. 38752
  - 3. 32988
  - 4. 38554

**Q.11** Three natural numbers are such that one-third of the first number is equal to two-fifths of the second, and two-thirds of the second number is equal to one-seventh of the third. The sum of five times the third number and half of the square of the first number is 1348. What is the value of the second number?

- Ans**
- 1. 30
  - 2. 21
  - 3. 15
  - 4. 24

**Q.12** In the last financial year the ratio of the monthly incomes of Viraj and Rohan was  $m : n$  and the ratio of their monthly expenditures was  $p : n$ . In the current financial year Viraj's income has increased by  $q\%$  and his expenditure has gone up by  $2q\%$ . The corresponding increases for Rohan have been  $r\%$  and  $s\%$  respectively. The current monthly savings of Viraj and Rohan are respectively Rs  $u$  and Rs  $v$ , while the monthly savings of Rohan last year was Rs  $t$ .

Which one of the following is correct in respect of the Question and the Statements given below?

Statement 1: The values of  $m, n, p, q, r, s, t, u,$  and  $v$  are given respectively as 8, 5, 4, 12.5, 40, 20, 10000, 58000, and 24000.

Statement 2: The values of  $m, n, p, q, r, s, t, u,$  and  $v$  are given respectively as 10, 7, 6, 15, 40, 20, 7700, 21530, and 14140.

- Ans**
- 1. Both statements have values of the variables that are consistent with one another.
  - 2. Neither of the two statements has values of the variables that are consistent with one another.
  - 3. Only statement 2 has values of the variables that are consistent with one another.
  - 4. Only statement 1 has values of the variables that are consistent with one another.

**Q.13** If the interest is compounded half-yearly, calculate the amount when the principal is ₹4000, the rate of interest is 22% per annum and the duration is one year.

- Ans**
- 1. ₹5204.9
  - 2. ₹4825.5
  - 3. ₹4288.8
  - 4. ₹4928.4

Q.14 Which one of the following is correct in respect of the Statements given below?

Statement 1:  $2^{10}$  is the smallest natural number having exactly 11 factors.

Statement 2:  $2^{11}$  is the smallest natural number having exactly 12 factors.

Statement 3:  $2^{12}$  is the smallest natural number having exactly 13 factors.

- Ans
- 1. None of the three statements (1, 2, 3) given is true.
  - 2. Statements 1 and 2 are true, but Statement 3 is false.
  - 3. Statements 1 and 3 are true, but Statement 2 is false.
  - 4. All the three statements given above are true.

Q.15 The team of A, B, and C was supposed to complete a piece of work. Working alone, A could have completed the same work in 190 hours, B could have completed the same work in 285 hours, while C could have completed it in 342 hours. The trio decided that only one of the three would work at any point of time. In the first cycle of three days A worked for two hours on Day 1, B worked for two hours on Day 2, and C worked for two hours on Day 3. In the second cycle of three days A worked for four hours on Day 1, B worked for four hours on Day 2, and C worked for four hours on Day 3. In the third cycle of three days A worked for six hours on Day 1, B worked for six hours on Day 2, and C worked for six hours on Day 3. This continued till the piece of work was completed, with each working for  $2n$  hours in Cycle  $n$ , the sole exception being made, if necessary, in the last cycle, as the work may get completed mid-cycle. What was the total number of days needed for the work to be completed?

- Ans
- 1. 25.5
  - 2. 26.4
  - 3. 25.8
  - 4. 26

Q.16 A shop sells only steamed momos and fried momos. On a particular day the ratio of the numbers of steamed momos and fried momos sold from that shop was 5 : 4. How many steamed momos were sold from the shop on that day?

Which one of the following is correct in respect of the Question and the Statements given below?

Statement 1: If the number of steamed momos were to double, the ratio of the numbers of steamed momos and fried momos sold from that shop would become 5 : 2.

Statement 2: If the number of fried momos sold was at least 13 more while the number of steamed momos sold stayed the same, then the number of fried momos sold would have been more than the number of steamed momos sold.

- Ans
- 1. The data either in Statement 1 alone or in Statement 2 alone are sufficient to answer the question.
  - 2. The data in Statement 1 and Statement 2 both taken together are not sufficient to answer the question.
  - 3. The data in Statement 2 alone are sufficient answer the question.
  - 4. The data in Statement 1 alone are sufficient to answer the question.

**Q.17** On a particular day each of Danny, Edwin and Fahim sold three types of pens from their respective shops. As a coincidence, each of them sold an identical number of pens of Type A, an identical number of pens of Type B and an identical number of pens of Type C. However, the numbers of pens of each type that were sold were all different from one another. Also, the three sellers sold each of the types of pens at different prices per unit.

Assertion (A): It is possible that Danny sold each pen of Type A at a profit of Rs 2, each pen of Type B at a loss of Re 1, and each pen of Type C at a loss of Rs 12 and made an overall profit of Rs 8; Edwin sold each pen of Type A at a profit of Rs 2, each pen of Type B at a loss of Rs 6, and each pen of Type C at a loss of Rs 6 and made an overall profit of Rs 14; and Fahim sold each pen of Type A at a profit of Re 1, each pen of Type B at a profit of Re 1, and each pen of Type C at a loss of Rs 3 and made an overall profit of Rs 27.

Reason (R): Framing and solving the three possible linear equations we will find that we get a unique solution.

**Ans**  1.

Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A).

2. Assertion (A) is false and Reason (R) is true.

3. Assertion (A) is true and Reason (R) is false.

4.

Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of Assertion (A).

**Q.18** What would be the annual interest accrued on a deposit of ₹24,550 in a bank that pays a 22% per annum rate of simple interest?

**Ans**  1. ₹6320

2. ₹4760

3. ₹5401

4. ₹5560

**Q.19** The cost price of 28 articles is the same as the selling price of x articles. If the profit is 40%, then find the value of x.

**Ans**  1. 20

2. 14

3. 15

4. 16

**Q.20** Janaki leaves her home every day at 7:55 a.m and reaches office at 9: 25 a.m. However, one day she left her home at 7:55 a.m. but reached office at 09:20:30 a.m.

Which of the statements below support the information provided above?

Statement 1: Janaki travelled  $\frac{3}{10}$  of the distance at  $\frac{6}{7}$  of her usual speed and the rest of the distance at  $\frac{7}{6}$  of her usual speed.

Statement 2: Janaki travelled  $\frac{5}{8}$  of the distance at  $\frac{5}{4}$  of her usual speed and the rest of the distance at  $\frac{5}{6}$  of her usual speed.

Statement 3: Janaki travelled  $\frac{7}{9}$  of the distance at  $\frac{5}{6}$  of her usual speed and the rest of the distance at  $\frac{20}{3}$  of her usual speed.

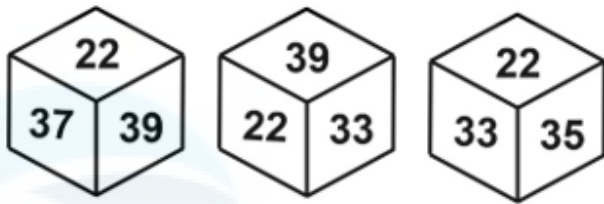
**Ans**  1. Each of Statements 1 and 3 supports the information provided, but Statement 2 doesn't.

2. Each of Statements 2 and 3 supports the information provided, but Statement 1 doesn't.

3. Each of Statements 1 and 2 supports the information provided, but Statement 3 doesn't.

4. None of the three statements supports the information provided.

Q.1 Three different positions of the same dice are given below. Find the number opposite of 37.



- Ans
- 1. 35
  - 2. 39
  - 3. 33
  - 4. 22

Q.2 Arrange the words in a meaningful logical order and select the appropriate sequence :

1. Dhanbad
2. India
3. World
4. Jharkhand
5. Universe

- Ans
- 1. 53421
  - 2. 14253
  - 3. 14235
  - 4. 42153

Q.3 In a class, six students named P, Q, R, S, T and U obtain different marks out of total 100 marks. The ratio between marks of T and S is 2: 3 respectively. P obtains 50% marks. R obtains 5 marks less than P. U obtains 1.5 times of the marks obtained by P. T obtains less marks U but more marks than R. Q obtains 20 marks more than T. The ratio between marks of T and U is 4: 5 respectively.

Which of the following is true based on the given information?

- I. S obtains 90% marks which are the highest among all.
- II. The ratio between marks of P and Q is 5: 8 respectively.

- Ans
- 1. Neither I nor II
  - 2. Both I and II
  - 3. Only I
  - 4. Only II

Q.4 Select the incorrect term in the alpha-numeric series:

X, Z, B, D, F, G

- Ans
- 1. Z
  - 2. D
  - 3. X
  - 4. G

Q.5 Six girls named A, B, C, D, E and F are sitting in a straight line, all facing north. Each one of them has different profession from amongst lawyer, doctor, chef, clerk, teacher and engineer. B is second to the left of D. C is third to the right of D. Only doctor is sitting between clerk and chef. Engineer is second to the left of lawyer. Clerk is sitting at one of the extreme ends. F is a teacher. C is a lawyer. E is not the immediate neighbour of F.

Which of the following is/are true based on the given arrangement?

- I. E is an engineer.
- II. The doctor is sitting at third place to the left of teacher.
- III. Engineer is sitting to the immediate right of chef.

- Ans
- 1. Only I and III is true
  - 2. Only II and III are true
  - 3. All I, II and III are true
  - 4. Only I and II are true

Q.6 In a university, 88 students had taken Mathematics courses, 90 students had taken Hindi courses, 64 students had taken Biology courses, 22 students had taken Mathematics and Biology, 28 students had taken Mathematics and Hindi, 24 students had taken Hindi and Biology courses, and 10 students had taken all three courses. Find how many students had taken mathematics courses only.

- Ans
- 1. 50
  - 2. 44
  - 3. 48
  - 4. 52

Q.7 'A + B' means 'A is the sister of B'  
'A = B' means 'A is the daughter of B'  
'A # B' means 'A is the son of B'  
'A & B' means 'A is the father of B'

Based on the above information, find out which of the given statements can be the reason/s behind the assertion made below if it is given that 'H & N + Y = K = C'.

Assertion: H is U's sister's husband?

Reason A : D & U

Reason B : U # C

- Ans
- 1. Only B is the reason behind the assertion
  - 2. Neither A nor B is the reason behind the assertion
  - 3. Only A is the reason behind the assertion
  - 4. Both A and B are reasons behind the assertion

Q.8 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

g Y 5 p m S 4

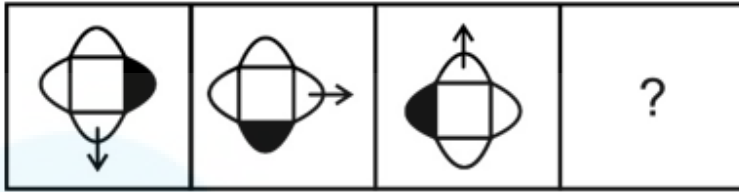
M  
|  
N

- Ans
- 1. 4 2 m q 2 7 6
  - 2. 4 2 m q 2 Y p
  - 3. 4 2 m d 5 Y p
  - 4. 7 S m q 2 Y p

Q.9 Four words have been given, out of which three are alike in some manner and one is different. Select the odd word.

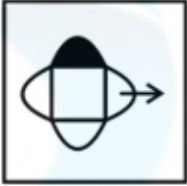
- Ans
- 1. Euros
  - 2. Yuan
  - 3. Beijing
  - 4. Yen

Q.10 Select the figure that will replace the question mark (?) in the following figure series.

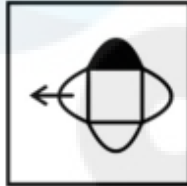


Ans

✗ 1.



✓ 2.



✗ 3.



✗ 4.



Q.11 NAPTUNE is related to RCPGGPW in a certain way based on certain logic. In the same way, CURTAIN is related to TWEGPKC. Which of the following are correct matches following the same logic?

i. LOGICAL	(W) WQOMFGV
ii. MOUNTED	(X) KRPMPDG
iii. FIXTURE	(Y) TGDTCMP
iv. CERTAIN	(Z) ZKHGGTW

✗ 1. ii-Z, iv-Y only

✗ 2. iii-Z only

✓ 3. ii-W, iii-Z only

✗ 4. ii-W, iii-Z, iv-X only

Q.12 Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, decide which of the conclusions logically follow(s) from the statements.

Statement I: Some Good are Bad.

Statement II: Some Good are Nice.

Statement III: Some Bad are Cute.

Conclusion I: Some Bad are not Cute.

Conclusion II: Some Nice are good.

✗ 1. Neither conclusion I nor II follows

✓ 2. Only conclusion II follows

✗ 3. Both conclusions I and II follow

✗ 4. Only conclusion I follows

Q.13 If A denotes 'addition', B denotes 'multiplication', C denotes 'subtraction', and D denotes 'division', then what will be the value of the following equation?

$$15 A 10 B 24 D 12 C 5 = ?$$

- Ans
- 1. 10
  - 2. 6
  - 3. 30
  - 4. 5

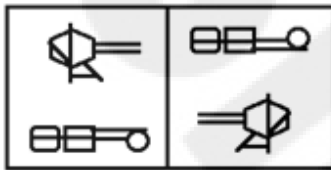
Q.14 In a class Pratik ranks 22nd from top and 27th from bottom, how many students are there in that class?

- Ans
- 1. 44
  - 2. 37
  - 3. 48
  - 4. 30

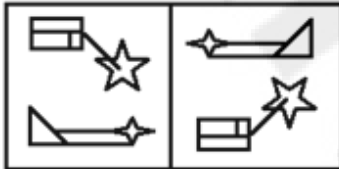
Q.15 Three of the following four figure pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

Ans

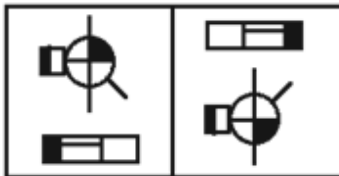
1.



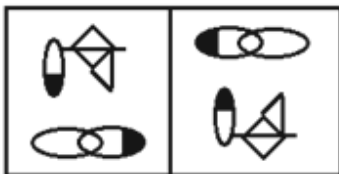
2.



3.



4.



Q.16 Read the following information carefully and answer the question that follows. You must assume everything in the statement to be true and decide which of the conclusion/s logically follow/s.

Infant jaundice is yellow discoloration of newborn baby's skin and eyes which occurs because the baby's blood contains an excess of a yellow pigment called bilirubin. Infant jaundice usually occurs because a baby's liver isn't mature enough to get rid of bilirubin in the bloodstream.

Which of the following can be concluded from the given information?

- A. In some newborn babies suffering from jaundice, the liver is not fully developed which causes excess bilirubin in the blood.
- B. The function of liver is also to remove excess bilirubin from the blood.
- C. Excess bilirubin is undesirable for infants only. For adults, bilirubin is necessary for survival.
- D. The colour of an infant's skin and eyes is usually yellowish in colour.

- Ans
- 1. Only A, B and C
  - 2. Only B
  - 3. Only A and D
  - 4. Only B, C and D



Q.17 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(24, 12, 169)  
(66, 14, 263)

- Ans
- 1. (21, 17, 210)
  - 2. (61, 13, 211)
  - 3. (47, 15, 273)
  - 4. (25, 11, 127)

Q.18 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient/necessary to answer the question. Read both the statements and decide the appropriate answer.

Question: If Kartik is the brother of Preeti, how is Kartik related to Amrita?

(I) Amrita is the daughter of Raghav, who is the son of Preeti's mother Seema.

(II) Seema is the wife of Prashant who is the paternal grandfather of Amrita.

- Ans
- 1. Data in statements I and II together are NOT sufficient to answer the question
  - 2. Data in Statement I alone is sufficient to answer the question while data in statement II is not
  - 3. Data in Statement II alone is sufficient to answer the question while data in statement I is not
  - 4. Data in statements I and II together are necessary to answer the question.

Q.19 Select the wrong term in the following number series:

458, 230, 116, 60, 30.5

- Ans
- 1. 30.5
  - 2. 230
  - 3. 60
  - 4. 116

Q.20 In a certain code language, 'PLOT' is written as '63', and 'SOUP' is written as '71'. Which of the following are correct matches as per the given code language?

WORD	CODE
(i) LIKE	(W) 56
(ii) DOSE	(X) 37
(iii) MINT	(Y) 53

- Ans
- 1. i-X , iii-W only
  - 2. i-Y, ii-W only
  - 3. i-X , ii-Y, iii-W only
  - 4. i-X , ii-W only

Section : English

Q.1 Which of the following statements correctly use the idiom ' pour oil on troubled waters' by substituting the underlined words?

A. If you unnecessarily interfere in others' affairs, you will suffer yourselves.

B. Fed up with frequent strikes, the management decided to ,deal with the situation decisively.

C. The government ordered a judicial enquiry into the communal riots in a bid to pacify the situation.

D. From his behaviour it is obvious that someone has prejudiced him against me.

- Ans
- 1. Both statements B and D correctly use the idiom.
  - 2. Only statement B correctly uses the idiom.
  - 3. Both statements A and C correctly use the idiom.
  - 4. Only statement C correctly uses the idiom.

Q.2 Select the most appropriate meaning of the given proverb from the options

**Better late than never**

- Ans
- 1. It's better to finish something late than to never do it at all
  - 2. It's good to be clean. God is clean, and you should be too
  - 3. Don't make someone angry or hurt someone who is helping you or paying for you
  - 4. People who are similar spend time together

Q.3 There is a sentence that is missing in the paragraph below. Look at the paragraph and decide in which blank (1, 2, 3, or 4) the following sentence would best fit.

Sentence: On the other hand, we find persons engaged in worst types of corrupt practices living in peace and prosperity.

We often come across situations and incidents, which appear quite contradictory to the known laws of Nature, creating doubts about the impartiality of divine justice. \_\_\_1\_\_\_ For instance, honest, duty-conscious, morally elevated person is often seen caught in adversities in one form or the other, or is suddenly struck with a great misfortune in life as though he/she were being punished by God for a great sin. \_\_\_2\_\_\_. An idler wins a jackpot or inherits a fortune from unexpected quarters, whereas a hard working intelligent person is found suffering endlessly for want of basic necessities. \_\_\_3\_\_\_. One person achieves great success with little effort, whereas another does not succeed in spite of his best efforts. \_\_\_4\_\_\_. Such phenomena are popularly ascribed to the role of fate.

- Ans
- 1. blank 2
  - 2. blank 4
  - 3. blank 3
  - 4. blank 1

Q.4 Some parts of a sentence have been jumbled up, and labelled P, Q, R and S. Select the option that gives the correct sequence in which these parts can be rearranged to form a meaningful and grammatically correct paragraph. Opening and Closing sentence indicate the start of the paragraph and end of the sentence paragraph.

Opening Sentence: Born on October 5, 1983, in Los Angeles, California, Emma Stone's journey in the entertainment industry began at a young age.

P. While attending local theatre classes, Stone discovered her passion for acting and soon started auditioning for various roles.

Q. Despite facing initial rejections, Stone's determination and talent eventually landed her a breakthrough role in the comedy "Superbad."

R. Stone's career skyrocketed as she garnered critical acclaim for her performances in movies like "The Help" and "La La Land," earning her an Academy Award for Best Actress.

S. Inspired by the likes of Meryl Streep, Stone continued honing her craft and exploring diverse roles, solidifying her status as one of Hollywood's leading actresses.

Closing Sentence: Today, Emma Stone stands as a respected figure in the film industry, celebrated for her versatility and contributions to the world of cinema.

- Ans
- 1. SPQR
  - 2. RQPS
  - 3. SRQP
  - 4. PQSR

Q.5 The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

As noon approached, sunlight filtered/ through an branches, casting dappled/ patterns on the cobblestone path.

- Ans
- 1. As noon approached, sunlight filtered
  - 2. through an branches, casting dappled
  - 3. No error
  - 4. patterns on the cobblestone path.

Q.6 The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

He has been read through/ the archives to research/ his article on the town's history.

- Ans
- 1. the archives to research
  - 2. his article on the town's history.
  - 3. He has been read through
  - 4. No error

Q.7 Match the following groups of words with the correct one-word substitutions.

phrase	one-word substitution
A. an annual calendar that contains important dates and time	1. connoisseur
B. one who is a critical judge of any art	2. almanac
C. one who does not appreciate art, literature or music	3. utopia
D. an ideally perfect state	4. philistine

- Ans
- 1. A-3,B-4,C-1,D-2
  - 2. A-2,B-1,C-4,D-3
  - 3. A-4,B-2,C-3,D-1
  - 4. A-2,B-4,C-1,D-3

Q.8 Arrange the given sentences (1-6) in the correct order to form a coherent paragraph.

1. They had escaped the dark world and were enveloped in a dazzling white light which almost blinded them.
2. The fountain of immortality sprung before them from which they collected the elixir in a large conch shell.
3. The next moment, the boys found themselves floating over misty clouds.
4. They gave him some elixir from the shell and he immediately acquired an ethereal form.
5. It was then that they saw the Formless One before them.
6. There was bliss and tranquillity around them.

- Ans
- 1. 352146
  - 2. 316254
  - 3. 614523
  - 4. 512346

Q.9 Match the following groups of words with the correct one-word substitutions.

phrase	one-word substitution
A. the act of looking into one's mind	1. hallucination
B. pleasure mixed with sadness at recalling happy moments in the past	2. reverie
C. a false perception of things that do not really exist	3. introspection
D. a state of absent-minded daydreaming	4. nostalgia

- Ans
- 1. A-3,B-2,C-4,D-1
  - 2. A-2,B-1,C-4,D-3
  - 3. A-4,B-2,C-3,D-1
  - 4. A-3,B-4,C-1,D-2

Q.10 Four sentences are given below. Find the odd sentence out.

- A. A new analysis has determined that the threat of global warming can still be greatly diminished if nations cut emissions of heat-trapping greenhouse gases by 70% this century.
- B. With research showing that additional warming of about 1 degree C may be the threshold for dangerous climate change, the European Union has called for dramatic cuts in emissions of carbon dioxide and other greenhouse gases.
- C. The most dangerous potential aspects of climate change include massive losses of Arctic sea ice and permafrost.
- D. "This research indicates that we can no longer avoid significant warming during this century," said NCAR scientist Warren Washington, the study paper's lead author.

- Ans
- 1. Sentence D
  - 2. Sentence B
  - 3. Sentence A
  - 4. Sentence C

**Q.11** The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

We will have to spend a few/ hours journeying down in a bus,/ which is bound to take its toll.

- Ans**
- 1. We will have to spend a few
  - 2. which is bound to take its toll.
  - 3. hours journeying down in a bus,
  - 4. No error

**Q.12** Select the correct conclusion based on the meaning of the underlined word:

**Statement:** After his father's death, he became a prodigal of his fortune.

**Conclusion:**

- i. He gained wisdom and spent money cautiously.
- ii. Being the only heir, he inherited all his father's wealth.
- iii. He squandered his wealth recklessly and lost all he had.
- iv. He assumed the responsibility of increasing his father's fortune.

- Ans**
- 1. Both options ii and iii are correct
  - 2. only option iv is correct
  - 3. only option iii is correct
  - 4. Both options ii and iv are correct

**Q.13** Select the word that is closest in meaning (SYNONYM) to the word given below

**Equivocal**

- Ans**
- 1. Unanimous
  - 2. Ambiguous
  - 3. Obstruct
  - 4. Occlude

**Q.14** Select the most appropriate meaning of the given idiom

**Go down like a lead balloon**

- Ans**
- 1. Put yourself in a tough position in order to support someone/ something
  - 2. To be received badly by an audience
  - 3. To surrender
  - 4. To gamble everything you have

**Q.15** Select the word that is opposite in meaning (ANTONYM) to the word given below.

**Corpulent**

- Ans**
- 1. Aerial
  - 2. Anecdotalist
  - 3. Narrator
  - 4. Slim

**Q.16** The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

I don't know the reason why he/ has said all this yet it/ puts him in a bad light.

- Ans**
- 1. I don't know the reason why he
  - 2. has said all this yet it
  - 3. No error
  - 4. puts him in a bad light.

Q.17 Select the word that is closest in meaning (SYNONYM) to the word given below

Aegis

- Ans
- 1. Spread
  - 2. Aggravate
  - 3. Intensify
  - 4. Protection

Q.18 In the following passage there are blanks, each of which has been numbered. Select the correct option to fill in the blanks.

What draws India closer to an obscure and indifferent picture are the 1. \_\_\_\_\_ tribes. They own their personal identity, far from the 2. \_\_\_\_\_ trend and economic development, as Adivasis having their own language, religion, festivals, cuisine, dance and music. With such an 3. \_\_\_\_\_ culture and hospitality they also significantly hold a contrasting patriarchal and matriarchal society. The lively 4. \_\_\_\_\_ of the tribal community in India stretches from the remote villages tucked in the Indian Himalayan region to southern-most tip of India and from the farthest corner of North East India to the dunes of Rajasthan.

- Ans
- 1. 1- indigenous, 2- contemporary, 3- enigmatic, 4- tableau
  - 2. 1-obsolete, 2-modern, 3-enchanting,4-presence
  - 3. 1- immigrant, 2-current, 3-alarming, 4- culture
  - 4. 1- original,2-unique,3-oppressive,4-representation

Q.19 Select the correct conclusion based on the meaning of the underlined idiom:

Statement: Splitting hairs is futile and will not resolve our problem.

Conclusion:

- i. A superficial investigation will suffice for the problem at hand.
- ii. Making peevish criticisms on trivial matters will not lead us anywhere.
- iii. A difference of opinion is not tolerated in a dictatorship.

- Ans
- 1. Only conclusion (ii) is correct
  - 2. Both conclusion (ii) and (iii) are correct
  - 3. Only conclusion (i) is correct
  - 4. Both conclusion (i) and (iii) are correct

Q.20 Select the correct conclusion based on the meaning of the underlined word:

Statement: The trade embargo has impacted export revenue.

Conclusion:

- i. The new trade laws have exempted goods from duty.
- ii. Trading in certain goods has been temporarily stopped.
- iii. The government order has put restrictions on trade with some countries.
- iv. Exports have increased after signing of new trade treaties.

- Ans
- 1. options i, ii and iv are correct
  - 2. options ii and iii are correct
  - 3. option i and iv are correct
  - 4. options i and ii are correct

# INTELLIGENCE BUREAU

(Ministry of Home Affairs)

Government of India

Test Center Name	Pawan Ganga Educational Centre 1
Test Date	17/01/2024
Test Time	11:30 AM - 12:30 PM
Subject	IB ACIO II Exe

## Section : Current Affairs

**Q.1** Which of the following won the 'NATIONAL TECHNOLOGY AWARD- TRANSLATIONAL RESEARCH' in National Technology Week 2023?

- Ans**
- 1. Govindaraju Thimmaiah
  - 2. Jaysingh Krushnarao Chavhan
  - 3. Nimisha Brahmbhatt
  - 4. Ritu Trivedi

**Q.2** As per November 2023, \_\_\_\_\_ is the third largest country in the world in ethanol production.

- Ans**
- 1. Brazil
  - 2. India
  - 3. Thailand
  - 4. USA

**Q.3** Which of the following is the cleanest city in India in 2023?

- Ans**
- 1. Indore
  - 2. Ahmedabad
  - 3. Surat
  - 4. Mysuru

**Q.4** Consider the statement about United in Science report 2023 (Sustainable Development Edition):-

1. To get on track to meet the Paris Agreement goals of limiting warming to well below 2 °C and preferably 1.5 °C
2. Fossil fuel CO<sub>2</sub> emissions increased 1% globally in 2022 compared to 2021
3. Preliminary estimates from January-June 2023 show a further 0.8% rise of fossil fuel CO<sub>2</sub> emissions.

Which of the statement given above is/are correct?

- Ans**
- 1. Statement 3 and 4
  - 2. Statement 2 and 4
  - 3. Statement 1 and 2
  - 4. Statement 1 and 3

Q.5 Consider the following statement about Climate Change Performance Index (CCPI, 2023): -

1. India improves 2 ranks in CCPI 2023
2. This report was published by German Watch, New Climate Institute and Climate Action Network International based in Germany.
3. The first, second, third and fourth ranks were not awarded to any country
4. India was best among the G20 countries.

Which of the statement given above is/are correct?

- Ans
- 1. Statement 1, 3, 4
  - 2. All are correct
  - 3. Statement 1, 2 and 4
  - 4. Statement 2,3 and 4

Q.6 Match the list 1 and list 2 and select the correct answer using the code given below.

List 1 (Launcher)	List 2 (satellite)
A. PSLV-C57	1. EOS-06
B. PSLV-C56	2. TeLEOS-2
C. PSLV-C55	3. DS-SAR
D. PSLV-C54	4. Aditya-L1

- Ans
- 1. A-2 B-3 C-4 D-1
  - 2. A-4 B-3 C-2 D-1
  - 3. A-4 B-2 C-1 D-3
  - 4. A-2 B-3 C-1 D-4

Q.7 Consider the following statement about "Surat" warship:

1. On 6th October, Prime Minister Narendra Modi unveiled the crest of the Indian Navy's warship 'Surat.'
2. It was the part of the project 15B
3. Surat' holds the distinction of being the second warship named after a city in Gujarat.
4. India purchased this warship from Japan

Which of the statement given above is/are correct?

- Ans
- 1. All are correct
  - 2. Statement 1 and 2
  - 3. Only Statement 3 and 4
  - 4. Statement 2

Q.8 As of November 2023, the number of Ayushman Bharat Health and Wellness Centers in India is \_\_\_\_\_ approximately.

- Ans
- 1. 1 lakh
  - 2. 2 lakh
  - 3. 1.2 lakh
  - 4. 1.6 lakh

**Q.9** Consider the following statement about Indian Army:

1. Indian Army has inaugurated a Vertical Wind Tunnel (VWT) in October 2023
2. This tunnel is Indian Army's first Vertical Wind Tunnel (VWT)
3. This tunnel was inaugurated at the Special Forces Training School (SFTS) in Maharashtra

Which of the statement given above is/are correct?

- Ans**
- 1. All are correct
  - 2. Statement 1 and 2
  - 3. Statement 2
  - 4. Statement 3 and 4

**Q.10** Consider the following statement about ICC Men's Cricket World Cup 2023:

1. Virat Kohli has been named as the player of the tournament.
2. Mohammed Shami was the Highest Wicket Taker in the tournament
3. South Africa hosted this tournament

Which of the statement given above is/are correct?

- Ans**
- 1. Statement 1 and 2
  - 2. Only statement 2
  - 3. All are correct
  - 4. Only statement 3

**Q.11** The Securities and Exchange Board of India (SEBI) announced a crucial reduction in the time period for listing shares in public issues from \_\_\_\_\_. (where T is the issue closing date)

- Ans**
- 1. "T + 8" to "T + 4"
  - 2. "T + 6" to "T + 3"
  - 3. "T + 4" to "T + 2"
  - 4. "T + 2" to "T"

**Q.12** Who became the first Indian man to win a gold medal in 3000m steeplechase at the Asian Games?

- Ans**
- 1. Naveen Kumar
  - 2. Avinash Sable
  - 3. Gopal Saini
  - 4. Madan Singh

**Q.13** Consider the following statement about Global Hunger Index report 2023:

1. India ranks 111th out of the 125 countries
2. According to the report India has the highest child wasting rate in the world
3. The score of India in the Global Hunger Index-2023 is 34.6%
4. Rate of undernourishment in India is 24.7%

Which of the statement given above is/are correct?

- Ans**
- 1. All are correct
  - 2. Statement 1, 2 and 4
  - 3. Statement 2,3 and 4
  - 4. Statement 1 and 2

**Q.14** Who are the eligible beneficiaries of Abua Awas Yojna ?

- A) Homeless or unattended individuals.
- B) Particularly Vulnerable Tribal Group (PVTG) members will receive priority.
- C) Current or retired government or semi-government employees.

- Ans**
- 1. B,C
  - 2. A, B, C
  - 3. A, C
  - 4. A, B



**Q.15** Consider the following statement about Center of Excellence (CoE) named ATMAN:

1. Full form of the ATMAN is Advanced Technologies for Monitoring Air-quality iNDicators
2. The Indian Institute of Technology, Delhi has established this in November 2023
3. It focuses on building indigenous low-cost sensor manufacturing and AI/ML capabilities to enhance air quality
4. It aims to translate sustainable technologies and business models into practical products and services with cutting edge technology

Which of the statement given above is/are correct?

- Ans**
- 1. All are correct
  - 2. Statement 1, 2 and 3
  - 3. Statement 1, 3, 4
  - 4. Statement 2,3 and 4

**Q.16** Consider the following statement about Jan Jatiya Gaurav Divas 2023:

1. Pan-India celebrations marked the Jan Jatiya Gaurav Divas on 11th November 2023
2. This event is to pay tributes to Bhagwan Birsa Munda on his birth anniversary
3. Prime Minister launched PM JANMAN (PM- Janjati Adivasi Nyaya Maha Abhiyan) during this program.
4. PM also flagged off 'Viksit Bharat Sankalp Yatra' during this program

Which of the statement given above is/are correct?

- Ans**
- 1. Statement 1, 2 and 3
  - 2. All are correct
  - 3. Statement 1, 3, 4
  - 4. Statement 2,3 and 4

**Q.17** Kodava Hockey Festival is held in \_\_\_\_\_.

- Ans**
- 1. Tamil Nadu
  - 2. Karnataka
  - 3. Andhra Pradesh
  - 4. Telangana

**Q.18** \_\_\_\_\_ is a Kalamkari artist from Gujarat won the Padma Shree in 2023.

- Ans**
- 1. Shri Ramesh Parmar
  - 2. Shri Bhanubhai Chitara
  - 3. Shri Dilshad Hussain
  - 4. Shri Kapil Dev Prasad

**Q.19** Who among the following is appointed as 25th Director General of Indian Coast Guard?

- Ans**
- 1. Krishnaswamy Natarajan
  - 2. Rakesh Pal
  - 3. Rajendra Singh
  - 4. Virender Singh Pathania

**Q.20** Consider the following statement about "National Family Health Survey2023-24":

1. It is sixth survey of NFHS series
2. It was provided by the ICMR and the National AIDS Research Institute (NARI), Pune
3. Assistance for some of the Clinical, Anthropometric, and Biochemical (CAB) tests was provided by the ICMR and the National AIDS Research Institute (NARI), Pune

Which of the statement given above is/are correct?

- Ans**
- 1. Statement 2 and 3
  - 2. Statement 1 and 2
  - 3. statement 2
  - 4. All are correct

**Q.1** Which state has the maximum percentage of Jain population as per 2011 census?

**Ans** ✓ 1. Maharashtra

✗ 2. Delhi

✗ 3. Rajasthan

✗ 4. Gujarat

**Q.2** Consider the following statements:

- 1) Bal Gangadhar Tilak was considered the Father of Indian Unrest by the British colonial authorities.
- 2) Dadabhai Naoroji is known as the Grand Old Man of India and was the first to calculate the national income of India.
- 3) Subhas Chandra Bose went on to lead the Indian National Army (INA) after resigning from the presidency of the Indian National Congress.
- 4) Bhagat Singh was one of the youngest freedom fighters of India and a member of the Hindustan Socialist Republican Association.

Which of the above statements are correct?

**Ans** ✗ 1. 1, 3, and 4

✗ 2. 2, 3, and 4

✓ 3. 1, 2, 3, and 4

✗ 4. 1, 2, and 3

**Q.3** In the Indian Constitution, from which country Appointment of state governors by the Centre is borrowed from?

**Ans** ✓ 1. Canada

✗ 2. Japan

✗ 3. France

✗ 4. United Kingdom

**Q.4** Which of the following state has the lowest sex ratio as per 2011 census?

**Ans** ✓ 1. Mizoram

✗ 2. Kerala

✗ 3. Odisha

✗ 4. Chhattisgarh

**Q.5** Which of the following were the negative effects of the green revolution:

- A) Increased economic disparity among regions.
- B) Deficiency of micronutrients.
- C) Depletion of groundwater level.
- D) Physical and chemical degradation of soil.

**Ans** ✗ 1. B, C, D only

✗ 2. A, C, D only

✗ 3. A, B, C only

✓ 4. A, B, C, D

**Q.6** Consider the following statements:

1. The South Asian Free Trade Area (SAFTA) agreement was signed to promote trade and economic cooperation among SAARC countries.
  2. The bilateral trade between India and Pakistan has increased to USD 1.35 billion during April-December 2022 as against USD 516.36 million in the whole 2021-22.
  3. Bangladesh is India's largest trade partner in South Asia.
- Which of the statements above is/are correct?

**Ans** ✓ 1. 1, 2 and 3

✗ 2. 2 and 3 only

✗ 3. 1 and 2 only

✗ 4. 1 and 3 only

**Q.7** Consider the following statements:

1. Akbar abolished Jizya, the tax on non-Muslims, in 1564.
2. The Mansabdari system, a grading of civil and military officials, was introduced by Shah Jahan.
3. Aurangzeb was the last of the prominent Mughal emperors and his reign marked the beginning of the decline of the Mughal Empire.

Which of the statements above is/are correct?

- Ans**
- 1. 1, 2, and 3
  - 2. 1 and 3 only
  - 3. 1 and 2 only
  - 4. 2 and 3 only

**Q.8** Match the following ports with their respective states and select the correct answer using the codes/options given below the lists.

List-I (Port)	List-II (State)
A. Kandla	(i) Odisha
B. Haldia	(ii) West Bengal
C. Cochin	(iii) Kerala
D. Paradip	(iv) Gujarat

- Ans**
- 1. A-iv B-ii C-iii D-i
  - 2. A-iii B-i C-iv D-ii
  - 3. A-ii B-iii C-i D-iv
  - 4. A-i B-iv C-ii D-iii

**Q.9** Which of the following dynasty is also known as the slave dynasty?

- Ans**
- 1. Mamluk Dynasty
  - 2. Khilji Dynasty
  - 3. Tughluq Dynasty
  - 4. Lodi Dynasty

**Q.10** Consider the following statements:

1. The Constitution of India designates Hindi in Devanagari script as the official language of the Government of India.
2. English was also an associate official language for a period of 10 years only from the date of commencement of the Constitution.
3. Marathi and Tamil are among the languages that are also used for official purposes in the Union.

Which of the statements above is/are correct?

- Ans**
- 1. 1 only
  - 2. 2 and 3 only
  - 3. 1 and 3 only
  - 4. 1 and 2 only

**Q.11** Who assassinated King Brihadratha of the Mauryan Empire?

- Ans**
- 1. Vāsishka
  - 2. Kanishka
  - 3. Pushyamitra Sunga
  - 4. Kujula Kadphises

**Q.12** Which of the following are Desert Rivers which flow for some distance and are lost in the desert?

- Ans**
- 1. Dhaleswari
  - 2. Rukni
  - 3. Katakhal
  - 4. Rupen

Q.13 Consider the following statements:

- 1.The Pradhan Mantri Awas Yojana- Gramin (PMAY-G) had been devised in line with Government's commitment to provide 'Housing for All' by 2021 in the rural areas.
- 2.The Deendayal Antyodaya Yojana-National Rural Livelihoods Mission (DAY-NRLM) seeks to alleviate rural poverty through the promotion of diversified and gainful self-employment.
- 3.The Sansad Adarsh Gram Yojana (SAGY) encourages Members of Parliament to develop model villages.
- 4.The e-Panchayat project is an initiative for the digitization of all the Panchayats in the country, enhancing transparency and accountability.

Which of the statements above is/are correct?

- Ans
- 1. 1, 2, and 3 only
  - 2. 1, 3, and 4 only
  - 3. 1, 2, 3 and 4
  - 4. 2, 3, and 4 only

Q.14 Transportation and Storage falls under which sector of economic activity?

- Ans
- 1. Tertiary Sector
  - 2. Primary sector
  - 3. Service sector
  - 4. Secondary sector

Q.15 Consider the following statements:

- 1.The 73rd Constitutional Amendment Act provided a constitutional status to urban local bodies.
  - 2.The Panchayats (Extension to Scheduled Areas) Act extends the provisions of Panchayats to the tribal areas of twelve states.
  - 3.The National Panchayati Raj Day is celebrated on April 24th every year in India.
- Which of the statements above is/are correct?

- Ans
- 1. 3 and 4 only
  - 2. 2 only
  - 3. 1 only
  - 4. 3 only

Q.16 The Harappan site of Indus Valley Civilization was excavated by\_\_\_\_\_.

- Ans
- 1. R. D. Banerjee
  - 2. Sir John Marshal
  - 3. N.G Majumdar
  - 4. Rai Bahadur Daya Ram Sahni

Q.17 Consider the following statements:

- 1.The Eastern Ghats and Western Ghats meet at the Nilgiri Hills.
  - 2.The Thar Desert is the most densely populated desert in the world.
  - 3.The Patkai or Purvanchal ranges are part of the Eastern Himalayas.
  - 4.The Satpura range is formed by a series of scarp plateaus on the south, generally at an elevation varying between 300-400 m above the mean sea level
- Which of the statements above is/are correct?

- Ans
- 1. 1, 2 and 4 only
  - 2. 1, 2 and 3 only
  - 3. 2, 3 and 4 only
  - 4. 1, 3 and 4 only

Q.18 Which of the following statements is correct?

- A) Statutory bodies are established by an act of a parliament.  
B) Constitutional bodies derive their powers from the constitution.

- Ans
- 1. Neither A nor B is true
  - 2. Both A and B is true
  - 3. Only B is true
  - 4. Only A is true

Q.19 Consider the following statements:

- 1.The Hadith literature is a record of the sayings and deeds of the Prophet Muhammad.
- 2.Sufism is a mystical Islamic belief system that seeks direct personal experience with God.
- 3.The Five Pillars of Islam constitute the basic acts considered mandatory for Muslims.
- 4.The Chishti Order is one of the four major Sufi orders (tariqas) of Islam that originated in Chishti, a small town near Rawalpindi, Pakistan.

Which of the statements above is/are correct?

- Ans
- 1. 1, 3, and 4 only
  - 2. 1, 2, 3, and 4
  - 3. 2, 3, and 4 only
  - 4. 1, 2, and 3 only

Q.20 Consider the following statements:

- 1.The Council of Ministers is collectively responsible to the Lok Sabha.
- 2.The total number of Ministers, including the Prime Minister, in the Council of Ministers shall not exceed twenty per cent. of the total number of members of the House of the People.
- 3.The President can proclaim a national emergency only after receiving a written recommendation from the Cabinet.
- 4.The Council of Ministers must have members from both houses of Parliament.

Which of the statements above is/are correct?

- Ans
- 1. 1, 2 and 3 only
  - 2. 2 and 4 only
  - 3. 1 and 3 only
  - 4. 1, 2, 3 and 4

Section : Numerical Aptitude

Q.1 A train, 364 meters long, passes a pole in 26 seconds. Find the speed of the train in meters per second.

- Ans
- 1. 15 m/sec
  - 2. 11 m/sec
  - 3. 14 m/sec
  - 4. 13 m/sec

Q.2 On a particular day each of Danny, Edwin and Fahim sold three types of pens from their respective shops. Danny and Edwin sold an identical number of pens of Type A while Fahim sold twice as many pens of Type A as each of Danny and Edwin sold. The ratio of the numbers of pens of Type B sold by Danny, Edwin and Fahim was  $3 : 5 : 2$  respectively, while each of the trio sold an identical number of pens of Type C. The three sellers sold each of the types of pens at different prices per unit.

Assertion (A): It is possible that Danny sold each pen of Type A at a profit of Rs 2, each pen of Type B at a loss of Re 1, and each pen of Type C at a loss of Rs 12 and made an overall profit of Rs 125; Edwin sold each pen of Type A at a profit of Rs 2, each pen of Type B at a loss of Rs 6, and each pen of Type C at a profit of Rs 6 and made an overall profit of Rs 110; and Fahim sold each pen of Type A at a profit of Re 1, each pen of Type B at a profit of Re 1, and each pen of Type C at a loss of Rs 3 and made an overall profit of Rs 210.

Reason (R): Framing and solving the three possible linear equations we will find that we get a unique solution.

- Ans
- 1. Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A).
  - 2. Assertion (A) is false and Reason (R) is true.
  - 3. Assertion (A) is true and Reason (R) is false.
  - 4. Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of Assertion (A).

Q.3 By selling an article for ₹5600, one gains ₹ 1600. What is the gain percent?

- Ans
- ✓ 1. 40%
  - ✗ 2. 35%
  - ✗ 3. 45%
  - ✗ 4. 30%

Q.4 The square of the natural numbers are grouped as  $1^2, (2^2, 3^2), (4^2, 5^2, 6^2), \dots, (\dots, 210^2)$

Which one of the following is correct in respect of the Question and the Statements?

Statement 1: The sum of the terms in the last group is 804660.

Statement 2: There are 20 groups in all.

Statement 3: The sum of all the terms till the last but one group is 2304415.

- Ans
- ✗ 1. All three statements are correct.
  - ✗ 2. Statements 1 and 2 are both correct, but Statement 3 is incorrect.
  - ✓ 3. Statements 2 and 3 are both correct, but Statement 1 is incorrect.
  - ✗ 4. Only Statement 2 is correct.

Q.5 If  $x = 7 + 7^{\frac{2}{3}} + 7^{\frac{1}{3}}$ , then which of the options below is correct?

- Ans
- ✗ 1.  $x^3 + 21x^2 - 126x - 252 = 0$
  - ✗ 2.  $x^3 + 21x^2 - 126x + 252 = 0$
  - ✗ 3.  $x^3 - 21x^2 - 126x + 252 = 0$
  - ✓ 4.  $x^3 - 21x^2 + 126x - 252 = 0$

Q.6 A cistern can be filled by one of two pipes in 52 minutes and by the other pipe in 60 minutes. Both pipes are opened together for a certain time but being particularly clogged only  $\frac{13}{20}$  of the full quantity of water flows through the first pipe and only  $\frac{3}{4}$  of the full quantity of water flows through the second pipe. The obstructions, however, were suddenly removed in both the pipes after some time and the cistern got filled in  $15\frac{3}{5}$  minutes from that moment. For how many minutes did the pipes remain clogged?

- Ans
- ✓ 1.  $17\frac{3}{5}$
  - ✗ 2.  $17\frac{2}{5}$
  - ✗ 3.  $17\frac{4}{5}$
  - ✗ 4.  $17\frac{1}{5}$

**Q.7** A shopkeeper buys three varieties of pulses at Rs 132, Rs 160 and Rs 192 per kg respectively and mixes them in the ratio 9:2:1. The marked price per kg of the blended pulses is fixed at Rs 238, the shopkeeper gives a discount equal to  $\frac{1}{n}$  of the marked price and still earns a profit of 40%. What is the value of n?

- Ans**
- 1. 4
  - 2. 5
  - 3. 7
  - 4. 6

**Q.8** Harsh was four times as old as Dev six years ago. How old is Dev today if Harsh will be 40 years old 10 years later?

- Ans**
- 1. 11 years
  - 2. 14 years
  - 3. 12 years
  - 4. 13 years

**Q.9** The expense of a boarding house is partly fixed and partly varies with the number of boarders. What is the profit per head per month when there are 80 boarders?

Which one of the following is correct in respect of the Question and the Statements given below?

Statement 1: Each boarder pays \$ 780 a month.

Statement 2: The profit is \$108 per head per month when there are 50 boarders.

Statement 3: The profit is \$128 per head per month when there are 60 boarders.

- Ans**
- 1. Statement 2 and Statement 3 together are sufficient.
  - 2. Statement 1 and any one of the other two statements taken together are sufficient.
  - 3. All the three statements together are sufficient,
  - 4. Even all the three statements taken together is still not sufficient.

**Q.10** A mixture contains alcohol and water in the ratio 4: 7. If it contains 9 litres more water than alcohol, then find the quantity of water in the mixture.

- Ans**
- 1. 18 litres
  - 2. 21 litres
  - 3. 24 litres
  - 4. 20 litres

**Q.11** A salt and water mixture, of which 7.5% is salt, costs ₹22.50 per litre. Another salt and water mixture, of which 17.5% is salt, costs ₹z per litre. If the cost of twelve litres of a salt and water mixture, of which 22.5% is salt, is ₹450, find the value of z.

- Ans**
- 1. 31.50
  - 2. 32.50
  - 3. 30.60
  - 4. 34.50

**Q.12** In an election, Candidate M received 67% of the votes, and Candidate N received 33% of the votes. If the total votes were 10,000, find the difference in the number of votes received by each candidate.

- Ans**
- 1. 3400
  - 2. 3000
  - 3. 3500
  - 4. 4200

**Q.13** Ravi and Rajiv decided to run a 960 m long race on a track as long as the length of the race.

Which of the statement(s) below is (are) sufficient to conclude that Rajiv caught up with Ravi with  $\frac{3}{8}$  of the track length still to be covered?

Statement 1: Ravi is allowed to start 5 seconds before Rajiv started running.

Statement 2: Ravi ran at 8 m per second.

Statement 3: Rajiv ran at a speed of 10 m/s?

- Ans**
- 1. Even all the three statements taken together is not sufficient.
  - 2. Statements 1 and 3 taken together are sufficient.
  - 3. Statements 2 and 3 taken together are sufficient.
  - 4. All the three statements taken together is sufficient.

**Q.14** The ratio of the number of students in the morning shift and the afternoon shift of a school was 13 : 9. After 'n' students moved from the morning shift to the afternoon shift, the said ratio became 19 : 14. Now 153 new students sought admission in the school, and these students joined the morning and the afternoon shifts in the ratio 6 : 11 respectively. If the ratio of the number of students in the morning shift and the afternoon shift of the school after the new admissions became 24 : 19, find the value of 'n'.

- Ans**
- 1. 24
  - 2. 30
  - 3. 36
  - 4. 27

**Q.15** The average of five numbers is 87.8. The average of the first two numbers is 81.5 and the average of the last two numbers is 93.5. What is the third number?

- Ans**
- 1. 89
  - 2. 88
  - 3. 93
  - 4. 90

**Q.16** In how many years will a sum of money be 12 times itself at 44% per annum simple interest?

- Ans**
- 1. 35 years
  - 2. 20 years
  - 3. 25 years
  - 4. 30 years



**Q.17** The difference between the value of the number increased by 32% and the value of the number decreased by 28% is 180. Find the number.

- Ans**
- 1. 320
  - 2. 280
  - 3. 300
  - 4. 260

**Q.18**  $p\%$  of Bobby's income is equal to  $q\%$  of Ron's income. If Bobby's income was Rs  $y$  less than what it is and Ron's income was Rs  $z$  more than what it is, the ratio of the incomes of Bobby and Ron would have been  $m : n$ . The actual combined income of the duo is Rs  $x$ .

Which one of the following is correct in respect of the Question and the Statements given below?

Statement 1: The values of  $p, q, y, z, m, n$  and  $x$  are respectively 40, 56, 3200, 2000, 6, 5 and 67200.

Statement 2: The values of  $p, q, y, z, m, n$  and  $x$  are respectively 20, 32, 1200, 5500, 4, 3 and 83200.

- Ans**
- 1. Only Statement 1 is feasible.
  - 2. Neither of the two statements is feasible.
  - 3. Only Statement 2 is feasible.
  - 4. Both Statements are feasible.

**Q.19** Find the least number that should be added to 567201, so that the sum is exactly divisible by 9.

- Ans**
- 1. 8
  - 2. 6
  - 3. 5
  - 4. 4

**Q.20** If the interest is compounded yearly, find the compound interest on the sum ₹ 30,000 at the rate of 4% per annum for 3 years.

- Ans**
- 1. ₹3745.92
  - 2. ₹3525.88
  - 3. ₹4525.55
  - 4. ₹3856.25

Section : Reasoning and Logical Aptitude

**Q.1** Six players named K, L, M, N, O and P have different heights. They play one of six different games i.e. Chess, Polo, Tennis, Hockey, Cricket and Football. Polo player has more height than Hockey player. M plays cricket. K does not play Football. N has more height than O. Hockey player has more height than Tennis player. Football player has less height than Cricket player. K's height is more than only three other players. Polo player has lesser height than exactly three other players. P's height is more than K. O's height is more than L who plays Tennis.

Which of the following is true based on the given information?

I. P's height is more than M. M's height is less than N.

II. Chess player's height is more than Football player but less than Polo player.

- Ans**
- 1. Only I
  - 2. Only II
  - 3. Both I and II
  - 4. Neither I nor II

Q.2 Seven students named P, Q, R, S, T, U and V are sitting around a circle facing the centre. Each one of them has secured one of different Ranks from 1 to 7 in the class. U is fourth to the left of the Rank-2 student. T is second to the right of Rank-7 student. Q is sitting to the immediate right of V who secured Rank-2. S is sitting third to the left of R. P is third to the left of V. Q secured Rank-6. S secures Rank-3. Only one student is sitting between R and U. Only one student is sitting between Rank-1 and Rank-2 students. U does not secure Rank-5.

Which of the following is/are true based on the given arrangement?

- I. The student securing Rank-7 is sitting second to the left of the student who secure Rank-5.
- II. T is sitting immediately right of the person who secures Rank-2.
- III. U secures Rank-4 and is sitting to the immediate left of P.

- Ans
- 1. Only I and II is true
  - 2. Only II and III are true
  - 3. Only I and III are true
  - 4. All I, II and III are true

Q.3 Which two signs should be interchanged to make the given equation correct?

$$24 \div 2 = 20 - 4 \times 6 + 8$$

- Ans
- 1.  $\div$  and  $\times$
  - 2.  $-$  and  $+$
  - 3.  $\times$  and  $+$
  - 4.  $=$  and  $+$

Q.4 Three of the following four figure pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

Ans

1.

--

2.

--

3.

--

4.

--

**Q.5** Read the following information carefully and answer the question that follows

Banking reforms in India encompass a range of measures such as liberalization, deregulation and technological advancements. The adoption of technology-driven initiatives like core banking solutions, electronic fund transfers and digital payment systems promoted financial inclusion and improved operational efficiency.

Which of the following will WEAKEN the argument that that Banking system in India has become an efficient system?

- Ans**
- 1. The Prevention of Money Laundering Act (PMLA) aims to prevent money laundering by imposing obligations on the banks and financial institutions to maintain records, report transactions and verify customer identities.
  - 2. Efforts have been taken to provide access of the banking services to some identified areas by not including unbanked sections of the society.
  - 3. Steps have been taken to the issue of nonperforming assets to expedite the resolution of stressed assets and improve recovery mechanisms.
  - 4. Financial technology and digital innovation have been adopted for the development of payment systems and other banking services.

**Q.6** In a row of boys, if Akhil who is 13th from the left, and Firoz who is 6th from the right end interchange their positions, Akhil becomes 23rd from the left. How many boys are there in the row?

- Ans**
- 1. 28
  - 2. 21
  - 3. 18
  - 4. 27

**Q.7** A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statement/s is/are sufficient/necessary to answer the question. Read both the statements and decide the appropriate answer.

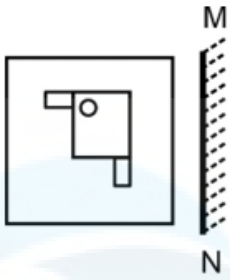
Question: Six students A, B, C, D, E, F, and G are sitting in a straight line facing north direction. D is sitting third to the right of B. E is sitting third to the left of C. Who is sitting to the immediate left of B?

(I) D and E are sitting at the extreme ends.

(II) A is sitting third to the left of F.

- Ans**
- 1. Data in statements I and II together are necessary to answer the question.
  - 2. Data in Statement I alone is sufficient to answer the question while data in statement II is not
  - 3. Data in statements I and II together are NOT sufficient to answer the question
  - 4. Data in Statement II alone is sufficient to answer the question while data in statement I is not

Q.8 Select the correct mirror image of the given figure when the mirror MN is placed to the right side of the figure.

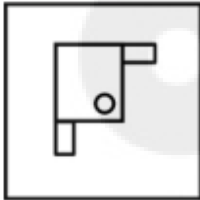


Ans

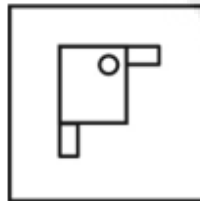
X 1.



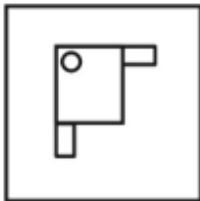
X 2.



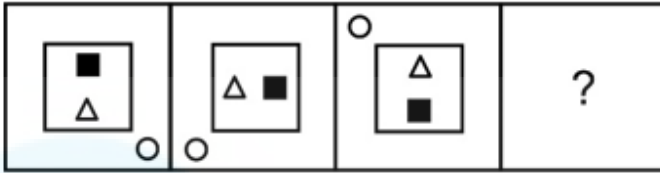
✓ 3.



X 4.

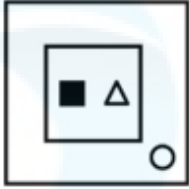


Q.9 Select the figure that will replace the question mark (?) in the following figure series.

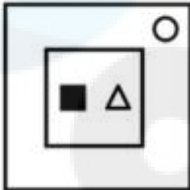


Ans

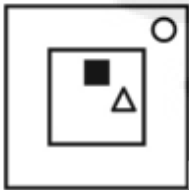
✗ 1.



✓ 2.



✗ 3.



✗ 4.



Q.10 Four letter-cluster pairs have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster pair.

- Ans
- ✗ 1. LT : MU
  - ✗ 2. CG : DH
  - ✗ 3. UE : VF
  - ✓ 4. OS : PQ

Q.11 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(17, 9, 132)  
(24, 8, 136)

- Ans
- ✗ 1. (18, 10, 160)
  - ✗ 2. (28, 12, 144)
  - ✗ 3. (16, 7, 118)
  - ✓ 4. (26, 6, 114)

Q.12 In the following question, a group of letters is given which are numbered 1, 2, 3, 4, and 5. Select that combination of numbers so that letters arranged accordingly form a meaningful word.

E U J G D  
1 2 3 4 5

- Ans
- 1. 4,2,3,1,5
  - 2. 3,2,5,1,4
  - 3. 3,5,2,1,4
  - 4. 3,2,5,4,1

Q.13 Select the wrong term in the given alpha-numeric series.

L11, O22, R44, U44, X55

- Ans
- 1. U44
  - 2. O22
  - 3. X55
  - 4. R44

Q.14 In a class of 140 students, 80 students like math, 88 like science, 30 like both subjects. Find the number of students who like Either Math or Science.

- Ans
- 1. 130
  - 2. 138
  - 3. 135
  - 4. 120

Q.15 Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, decide which of the conclusions logically follow(s) from the statements.

Statement I: All queens are kings.  
Statement II: All kings are princesses.  
Statement III: All princesses are beautiful.

Conclusion I: Some kings are beautiful.  
Conclusion II: All queens are princesses.

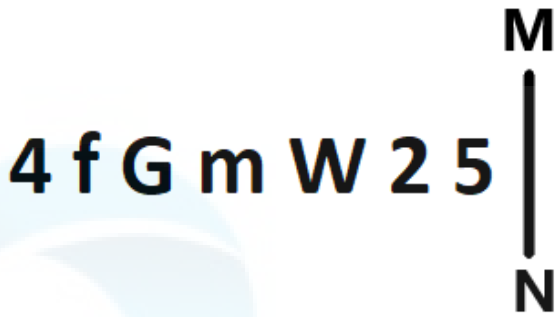
- Ans
- 1. Neither conclusion I nor II follows
  - 2. Both conclusions I and II follow
  - 3. Only conclusion II follows
  - 4. Only conclusion I follows

Q.16 FORTUNE is related to GILUVMF in a certain way based on certain logic. In the same way, PLINTHS is related to MROKHSG. Which of the following are correct matches following the same logic?

i. MUSICAL	(W) GIVKMRZ
ii. FURIOUS	(X) HFLRIGV
iii. PERTAIN	(Y) ILGHWVN
iv. STORMED	(Z) RHFNOZX

- Ans
- 1. i-Z, iii-W, iv-Y only
  - 2. i-Z, ii-X, iv-Y only
  - 3. i-Z, iii-Y only
  - 4. ii-W, iv-Y only

Q.17 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans

- ✓ 1. 2 5 W m Ɔ ƒ 4
- ✗ 2. 2 5 W Ƶ Ɔ ƒ 4
- ✗ 3. 5 2 W m Ɔ ƒ 4
- ✗ 4. 2 5 W m Ɔ ƒ 4

Q.18 'A @ B' means 'A is the wife of B'  
 'A = B' means 'A is the brother of B'  
 'A # B' means 'A is the son of B'  
 'A & B' means 'A is the father of B'  
 'A + B' means 'A is the mother of B'

Based on the above information, find out which of the given statements can be the reason/s behind the assertion made below if it is given that 'P = F & G @ M # L'.

Assertion: T is paternal grandfather of R?

Reason A : L @ T

Reason B : G + R

- Ans
- ✗ 1. Only B is the reason behind the assertion
  - ✓ 2. Both A and B are reasons behind the assertion
  - ✗ 3. Only A is the reason behind the assertion
  - ✗ 4. Neither A nor B is the reason behind the assertion

Q.19 In a certain code language, 'SALT' is written as '25', and 'GAIT' is written as '73'. Which of the following are correct matches as per the given code language?

WORD	CODE
(i) TOMB	(W) 28
(ii) BEAT	(X) 96
(iii) ZOOM	(Y) 05

- Ans
- ✓ 1. i-Y , iii-X only
  - ✗ 2. i-Y, iii-W only
  - ✗ 3. iii-X only
  - ✗ 4. i-Y , ii-W, iii-X only

Q.20 Select the wrong term in the following number series:

9, 10, 19, 44, 93, 175

- Ans
- 1. 175
  - 2. 44
  - 3. 10
  - 4. 93

Section : English

Q.1 Match the following groups of words with the correct one-word substitutions.

phrase	one-word substitution
A. a short, pithy statement expressing a general truth or rule of conduct.	1. gibberish
B. outrageous and disgraceful	2. ensemble
C. unintelligible speech	3. maxim
D. a group of dancers, actors or performers	4. egregious

- Ans
- 1. A-4, B-1, C-3, D-2
  - 2. A-3, B-4, C-1, D-2
  - 3. A-1, B-4, C-2, D-3
  - 4. A-2, B-3, C-1, D-4

Q.2 The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

I wrote to Giordano this morning,/ and when we return to Paris/ all will have been being arranged.

- Ans
- 1. I wrote to Giordano this morning,
  - 2. and when we return to Paris
  - 3. all will have been being arranged.
  - 4. No error

Q.3 The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

Start to relax a hour/ before bedtime with a/ hot bath or your favourite music.

- Ans
- 1. No error
  - 2. Start to relax a hour
  - 3. before bedtime with a
  - 4. hot bath or your favourite music.

Q.4 Select the word that is closest in meaning (SYNONYM) to the word given below

Exemplary

- Ans
- 1. Deplorable
  - 2. Impeccable
  - 3. Substandard
  - 4. Unworthy

Q.5 Select the word that is opposite in meaning (ANTONYM) to the word given below.

Sardonic

- Ans
- 1. Podgy
  - 2. Gracious
  - 3. Eternal
  - 4. Lengthy



Q.6 Select the correct conclusion based on the meaning of the underlined word:

Statement: She is a philatelist who can boast of a rare collection.

Conclusion:

- i. She has a huge collection of stamps from all over the world.
- ii. She is a lover of books and possesses a fine collection.
- iii. It is her hobby to collect and study coins and medals.
- iv. Her collection of antiques is unique and very valuable.

- Ans
- 1. Only i is correct
  - 2. Only iii is correct
  - 3. Both i and iv are correct
  - 4. Both iii and iv are correct

Q.7 Four sentences are given below. Find the odd sentence out.

- A. Subsequent generations of kings hid their tombs in the Valley of the Kings in an attempt to elude the robbers.
- B. The most imposing tombs are the famous pyramids, shaped like the sacred mound where the gods first appeared in the creation story.
- C. The ongoing deciphering of hieroglyphic writings and research on the life of the peasants is answering several questions on Egyptian culture.
- D. The gigantic pyramids were conspicuous targets for tomb robbers, whose plundering jeopardizes the hope for eternal life.

- Ans
- 1. Sentence D
  - 2. Sentence C
  - 3. Sentence A
  - 4. Sentence B

Q.8 Select the word that is closest in meaning (SYNONYM) to the word given below

Inertia

- Ans
- 1. Ardour
  - 2. Zeal
  - 3. Stamina
  - 4. Idleness

Q.9 Match the following groups of words with the correct one-word substitutions.

one-word substitution	phrase
A. turncoat	1. one who is unable to pay debts
B. insolvent	2. To increase the importance, position or wealth
C. abnegate	3. one who switches to an opposing party
D. aggrandize	4. to refuse or deny oneself

- Ans
- 1. A-3, B-1, C-4, D-2
  - 2. A-2, B-3, C-1, D-4
  - 3. A-1, B-4, C-3, D-2
  - 4. A-4, B-3, C-2, D-1

**Q.10** There is a sentence that is missing in the paragraph below. Look at the paragraph and decide in which blank (1, 2, 3, or 4) the following sentence would best fit.

**Sentence:** As a result, they held a trial and sentenced Socrates to death.

Socrates had many disciples and the greatest of these was Plato. Plato wrote several books which have come down to us. \_\_\_\_\_1\_\_\_\_\_ It is through these books that we know a great deal of his teacher, Socrates. The Athenian government-just after the time of Pericles- did not like the methods of Socrates. \_\_\_\_\_2\_\_\_\_\_ They told him that if he promised to give up his discussions with common people and changed his ways, they would pardon him and let him off. \_\_\_\_\_3\_\_\_\_\_ But Socrates refused to do so and preferred to drink the cup of poison which brought about his death, to giving up what he considered to be his duty. \_\_\_\_\_4\_\_\_\_\_

**Ans**  1. Blank 1

2. Blank 2

3. Blank 3

4. Blank 4

**Q.11** Select the most appropriate meaning of the given idiom

**It's a small world**

**Ans**  1. You frequently see the same people in different places

2. A competition where the outcome is difficult to judge or predict

3. Make all possible efforts

4. An aggressive and bold confrontation

**Q.12** The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

Chasing the white stag through the/ forests, never catching it, of/ course, for it is a creature of legend.

**Ans**  1. course, for it is a creature of legend.

2. No error

3. forests, never catching it, of

4. Chasing the white stag through the

**Q.13** The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

If he had been entered a fatstock/ competition, I am sure his story would/ have been one of unrivalled success.

**Ans**  1. If he had been entered a fatstock

2. competition, I am sure his story would

3. have been one of unrivalled success.

4. No error

**Q.14** Arrange the given sentences (A-F) in the correct order to form a coherent paragraph.

A. Nature writing encompasses a wide variety of works.

B. Nature writing often draws heavily on scientific information and facts about the natural world.

C. At the same time, it is frequently written in the first person and incorporates personal observations and philosophical reflections upon nature.

D. Nature writing is nonfiction or fiction prose or poetry about the natural environment.

E. These include natural history essays, poetry, essays of solitude or escape, as well as travel and adventure writing.

F. These works range from those that place primary emphasis on natural history facts to those in which philosophical interpretation predominates.

**Ans**  1. ACFDBE

2. BFECAD

3. DAFEBC

4. DBFAEC

Q.15 Which of the following statements correctly uses the idiom 'red rag to a bull' by substituting the underlined words?

- A. The poor subordinates are made scapegoats for the misdeeds of their superiors.
- B. For me, a person playing a double game is someone who specially provokes me.
- C. Since your boss is well disposed towards you, you must act promptly and ask for a promotion.
- D. The huge loss to our factory due to the floods was a totally unexpected disaster.

- Ans
- 1. Statement A
  - 2. Statement D
  - 3. Statement B
  - 4. Statement C

Q.16 Select the most appropriate meaning of the given proverb from the options

Knowledge is power

- Ans
- 1. The more you know, the more powerful you can be in different areas of your life
  - 2. Said when a son is similar to his father; also, "Like mother, like daughter"
  - 3. When you're in a difficult situation, laughing can make it easier to get through that situation
  - 4. No one is truly capable of living alone. We need human connection to be healthy

Q.17 In the following passage there are blanks, each of which has been numbered. Select the correct option to fill in the blanks.

The seemingly \_\_\_1\_\_\_ hummingbird is one of the toughest beasts in the animal kingdom. Some 330 species \_\_\_2\_\_\_ in diverse and often brutal environments. Mysteriously, the birds are found only in North and South America. 'They're living \_\_\_3\_\_\_ the edge of what's possible for vertebrates, and they're mastering it,' says Karl Schuchmann, a German \_\_\_4\_\_\_, who studied a captive hummer that lived 17 years. 'Imagine the \_\_\_5\_\_\_ of an organism of only five or six grams to live that long,' he says.

- Ans
- 1. 1-fragile, 2- thrive, 3- at, 4- ornithologist,5- endurance
  - 2. 1-vulnerable, 2- endure, 3- on, 4- ophthalmologist,5- durability
  - 3. 1-robust, 2- sustain, 3- by, 4- antiquarian,5- stamina
  - 4. 1-delicate, 2- survive, 3- in, 4- geologist,5- persistence

Q.18 Select the correct conclusion based on the meaning of the underlined idiom:

The whole agitation against the new regulations was a storm in a tea cup.

- i. The agitation was so profound that it spread to all parts of the country.
- ii. The disagreement over the crucial policy garnered universal support.
- iii. The protest died down quickly as it was an unnecessary fuss over a trivial matter.
- iv. The agitation was joined by thousands of people despite the adverse weather conditions.

- Ans
- 1. Only ii is correct
  - 2. Both ii and iv are correct
  - 3. Only iii is correct
  - 4. Both i and iv are correct

Q.19 Some parts of a sentence have been jumbled up, and labelled P, Q, R and S. Select the option that gives the correct sequence in which these parts can be rearranged to form a meaningful and grammatically correct sentence. Opening and Closing sentence indicate the start of the paragraph and end of the sentence paragraph.

Opening Sentence: The immediate context of the Dunkirk evacuation was Germany's invasion of the Low Countries and northern France in May 1940.

P. The Dutch defenders fell back westward, and by noon on May 12 German tanks were on the outskirts of Rotterdam.

Q. The Dutch Queen Wilhelmina and her government left the country for England on May 13, and the next day the Dutch army surrendered to the Germans.

R. On May 10 the German blitzkrieg attack on the Netherlands began with the capture by parachutists of key bridges deep within the country, with the aim of opening the way for mobile ground forces.

S. The invasion of Belgium also began on May 10, when German airborne troops landed on the fortress of Eben Emael, immediately opposite Maastricht, and on bridges over the Albert Canal.

Closing Sentence: On May 11 the Belgian front was broken, and German tanks ran on westward while Belgian, French, and British divisions fell back to a line between Antwerp and Namur.

- Ans
- 1. PSRQ
  - 2. QPRS
  - 3. RPSQ
  - 4. RPQS

**Q.20** Select the correct conclusion based on the meaning of the underlined word:

**Statement:** These days he is working on a monograph which is very important for him.

- i. He is writing a memoir of his father who was a successful poet.
- ii. His work on a specialized subject is an important resource for scholars.
- iii. He is rehearsing his lines for the play to be performed at the annual function.
- iv. He is creating an architectural masterpiece out of a single piece of stone.

- Ans**
- 1. Only iv is correct
  - 2. Only i is correct
  - 3. Only ii is correct
  - 4. Only iii is correct

# INTELLIGENCE BUREAU

(Ministry of Home Affairs)

Government of India

Test Center Name	iON Digital Zone iDZ 2 Sector 62
Test Date	17/01/2024
Test Time	2:30 PM - 3:30 PM
Subject	IB ACIO II Exe

## Section : Current Affairs

**Q.1 Who are NOT the eligible beneficiaries of Abua Awas Yojna ?**

- A) Current or retired government or semi-government employees.
- B) Income tax payers.
- C) Homeless or unattended individuals.

**Ans**  1. A, B  
 2. B,C  
 3. A, C  
 4. A, B, C

**Q.2 Consider the following statement about "Hot Cooked Meal" launched in November 2023.**

- 1. This scheme is launched by the Uttar Pradesh government
- 2. This scheme is launched for the age group 6 to 15 years
- 3. This scheme is launched for primary and upper Primary schools
- 4. This scheme was launched by the Chief Minister of Uttar Pradesh

**Which of the statement given above is/are correct?**

**Ans**  1. Statement 1 and 4  
 2. Statement 2 and 3  
 3. Statement 1,2 and 3  
 4. Only Statement 1

**Q.3 Consider the following statement about "Swavlamban 2023":**

- 1. It was 2nd Edition of the Indian Navy's Naval Innovation and Indigenisation (NIIO) Seminar
- 2. 'Swavlamban 2023' was conducted on 04 October 2023 to 05 October 2023
- 3. It was conducted in Pune, Maharashtra
- 4. In June 2023 Prime Minister launched the 75 challenges for the start-ups/ MSMEs as a part of the 'SPRINT' initiative.

**Which of the statement given above is/are correct?**

**Ans**  1. Statement 2 and 3  
 2. Statement 2 and 4  
 3. Statement 3 and 4  
 4. Statement 1 and 2

Q.4 Who among the following is the first woman to lead the Indian High Commission in Islamabad after independence?

- Ans
- 1. Sashastra Seema Bal
  - 2. C. B. Muthamma
  - 3. Geetika Srivastava
  - 4. Archana Ramasundaram

Q.5 The maximum grant provided under Cultural Function & Production Grant (CFPG) of Ministry of Culture is \_\_\_\_\_.

- Ans
- 1. Rs.5 Lakh which can be increased to Rs. 20 Lakh under exceptional circumstances.
  - 2. Rs.10 Lakh which can be increased to Rs. 20 Lakh under exceptional circumstances.
  - 3. Rs.5 Lakh which can be increased to Rs. 10 Lakh under exceptional circumstances.
  - 4. Rs.2 Lakh which can be increased to Rs. 7 Lakh under exceptional circumstances.

Q.6 Consider the following statement about Periodic Labour Force Survey Report 2022-23

1. It is developed by Ministry of Women & Child Development
2. Female Labour Force Participation Rate in the country has improved significantly by 4.2.
3. In 2023 Female Labour Force Participation Rate in the country is 32.8%
4. in the 2021-22 report Labour Force Participation Rate in the country 28.6 %

Which of the statement given above is/are correct?

- Ans
- 1. Statement 2 and 4
  - 2. Statement 3 and 4
  - 3. Statement 1 and 2
  - 4. Statement 1 and 3

Q.7 Consider the following statement about "Operation Sajag"

1. The Indian Coast Guard executed 'Operation Sajag,'
2. It was conducted along the west coast on September 18, 2023.
3. This operation is related to the Ministry of Defence

Which of the statement given above is/are correct?

- Ans
- 1. Only statement 3
  - 2. All are correct
  - 3. Statement 2 and 3
  - 4. Only statement 1

Q.8 As of December 2023 which among the following is the scheme related to the minorities in India.

1. Nai Udaan
2. Seekho aur Kamao
3. USTTAD
4. Naya Rasta

- Ans
- 1. 1, 2 and 4
  - 2. 1,2 and 3
  - 3. 1, 3 and 4
  - 4. 2, 3 and 4

Q.9 Which of the following states in India reported the highest number of extreme weather events from January to September 2023?

- Ans
- 1. Bihar
  - 2. Himachal Pradesh
  - 3. Madhya Pradesh
  - 4. Uttar Pradesh

**Q.10** Consider the following statement about COP-28-

1. Prime Minister Narendra Modi participated in the COP-28 on 1 December 2023.
2. COP-28 was organized at California, USA
3. The event focused on making climate finance more available, accessible, and affordable to developing countries.
4. During the session, the leaders adopted the "UAE Declaration on a New Global Climate Finance Framework".

Which of the statement given above is/are correct?

- Ans**
- 1. All are correct
  - 2. Statement 1, 2 and 3
  - 3. Statement 1, 3, 4
  - 4. Statement 2,3 and 4

**Q.11** Consider the following statement about Amplifi 2.0 portal launched in November 2023:

1. It has been developed by the Union Ministry of Housing and Urban Affairs
2. Amplifi 2.0 portal provides raws data from Indian cities on a single platform
3. Full form of Amplifi is Assessment and Monitoring Platform for Liveable Inclusive and Future-ready urban India

Which of the statement given above is/are correct?

- Ans**
- 1. Only statement 3
  - 2. Statement 2 and 3
  - 3. Only statement 1
  - 4. All are correct

**Q.12** Consider the following statement about Zojila Tunnel-

1. As per October 2023 it is Asia's longest tunnel
2. It is 10 km long tunnel
3. It is located in Ladakh

Which of the statement given above is/are correct?

- Ans**
- 1. Statement 1 and 2
  - 2. Statement 2 and 3
  - 3. All are correct
  - 4. Statement 1 and 3

**Q.13** Calixcoca Vaccine is for the treatment of \_\_\_\_\_.

- Ans**
- 1. heroin and morphine addiction
  - 2. fentanyl, and codeine addiction
  - 3. cocaine and crack addiction
  - 4. alcohol addiction

**Q.14** Shanti Swarup Bhatnagar Prize for Science and Technology 2022 in Mathematical Sciences was won by \_\_\_\_\_.

- Ans**
- 1. Apoorva Khare
  - 2. Basudeb Dasgupta
  - 3. Dipyaman Ganguli
  - 4. Anindya Das

**Q.15** Which of the following city is recognized as City of literature by UNESCO's Creative Cities Network?

- Ans**
- 1. Mumbai
  - 2. Kozhikode
  - 3. Kolkata
  - 4. Nalanda

**Q.16** In which form of chess did Karthikeyan Murali defeat Magnus Carlsen?

- Ans**
- 1. Classical Chess
  - 2. Rapid Chess
  - 3. Blitz Chess
  - 4. Fischer Random Chess

**Q.17** Consider the following statement about the BWF World Badminton Championships 2023:

1. Indian player HS Prannoy won silver medal in the men's singles category
2. Malaysia was the host country of this event
3. It was the 10th edition of the event

Which of the statement given above is/are incorrect?

- Ans**
- 1. Only statement 1
  - 2. Only statement 3
  - 3. All are incorrect
  - 4. Statement 2 and 3

**Q.18** Choose the correct code of the payloads from the mentioned below which were launched by PSCV-C55?

- A. TeLEOS-2
- B. POEM-2
- C. LUMILITE-4
- D. EOS-07

- Ans**
- 1. A, B and C
  - 2. B, c and D
  - 3. A,B and D
  - 4. A, C and D

**Q.19** 2023 Sovereign Asian Art Prize was won by \_\_\_\_\_.

- Ans**
- 1. Priyanka Singh Maharjan
  - 2. Indu Antony
  - 3. Parul Gupta
  - 4. Shrimanti Saha

**Q.20** The major focus area of PAALAN 1000 is \_\_\_\_\_

- Ans**
- 1. Cognitive development of children under 2 years
  - 2. Cognitive development of children under 10 years
  - 3. Cognitive development of children under 5 years
  - 4. Cognitive development of children under 8 years

Section : General Studies

**Q.1** Consider the following statements in respect of Article 3 of the Constitution of India:

1. Parliament may by law form a new State by separation of territory from any State or by uniting two or more States or parts of States or by uniting any territory to a part of any State.
2. Parliament may by law diminish the area of any State.
3. Parliament may by law alter the boundaries of any State.
4. Parliament may by law alter the name of any State.

Which of the statements above is/are correct?

- Ans**
- 1. 1, 3 and 4 only
  - 2. 1, 2 and 4 only
  - 3. 1, 2, 3 and 4
  - 4. 2, 3 and 4 only



**Q.2** Life expectancy of men in India as per 2011 census is \_\_\_\_\_.

**Ans**  1. greater than that of women in India.

2. less than that of women in India.

3. sometimes less and sometimes greater than that of women in India.

4. equal to that of women in India.

**Q.3** Which of the following statements is correct?

A) Statutory Bodies in India are created by an Act of Parliament.

B) Executive Bodies are not mentioned in the Constitution.

**Ans**  1. Neither A nor B is true

2. Both A and B is true

3. Only B is true

4. Only A is true

**Q.4** Consider the following statements:

1. Bengali is the second most spoken language in India after Hindi.

2. Urdu is often associated with the Deccan region and its literature includes the famous Deccan poetry.

3. Punjabi is unique among Indian languages for its use of the Gurmukhi script, developed by the second Sikh Guru, Guru Angad.

Which of the statements above is/are correct?

**Ans**  1. 2 and 3 only

2. 1, 2 and 3

3. 1 and 2 only

4. 1 and 3 only

**Q.5** Consider the following statements:

1. The Indian monsoon is divided into the Southwest Monsoon and Northeast Monsoon.

2. The retreating monsoon is associated with the development of cyclonic depressions in the Bay of Bengal.

3. The Western Disturbances are the primary cause of snowfall in the Himalayan region.

4. El Niño is known to have an enhancing effect on the monsoon rains in India.

Which of the statements above is/are correct?

**Ans**  1. 1, 2, 3 and 4

2. 2, 3, and 4 only

3. 1, 2, and 3 only

4. 1, 3, and 4 only

**Q.6** Consider the following statements:

1. India's National Clean Air Programme (NCAP) aims to reduce particulate matter (PM) pollution by 10-15% by 2024.

2. The Jal Jeevan Mission focuses on providing safe and adequate drinking water through individual household tap connections by 2024.

3. The National Electric Mobility Mission Plan (NEMMP) targets achieving national fuel security by promoting hybrid and electric vehicles.

4. The FAME India Scheme (Faster Adoption and Manufacturing of Electric Vehicles) is part of National Electric Mobility Mission Plan (NEMMP) and provides subsidies for electric vehicles. Which of the statements above is/are correct?

**Ans**  1. 1, 2, 3 and 4

2. 2, 3, and 4 only

3. 1, 2, and 3 only

4. 1, 3, and 4 only

**Q.7** Consider the following statements:

1. Alauddin Khilji instituted the 'Daag' system of branding horses to prevent fraud in the cavalry.
2. Muhammad bin Tughlaq is known for his transfer of the capital from Delhi to Daulatabad.
3. The Iqta system was abolished by Balban to strengthen central control.

Which of the statements above is/are correct?

- Ans**
- 1. 1, 2, and 3
  - 2. 1 and 2 only
  - 3. 1 and 3 only
  - 4. 2 and 3 only

**Q.8** Which of the following states of India has the highest reserves of Chromite?

- Ans**
- 1. Himachal Pradesh
  - 2. Odisha
  - 3. Maharashtra
  - 4. Rajasthan

**Q.9** Consider the following statements:

1. The Swachh Bharat Mission aims to eradicate open defecation and improve solid waste management.
2. The Smart Cities Mission focuses on sustainable and inclusive development to create a replicable model for other cities.
3. Atal Mission for Rejuvenation and Urban Transformation (AMRUT) 2.0 scheme was launched on 01 October 2022 for the period of 05 years i.e. from the financial year 2022-23 to the financial year 2026-27.

Which of the statements above is/are correct?

- Ans**
- 1. 1 and 3 only
  - 2. 2 and 3 only
  - 3. 1 and 2 only
  - 4. 1, 2 and 3 only

**Q.10** Consider the following statements:

1. The Swaraj Party was formed in late 1925 by Motilal Nehru and C.R. Das to enter the legislative councils.
2. The Rowlatt Act was one of the important factors which led to the Non-Cooperation Movement in 1920.
3. The Simon Commission, constituted in 1927, was boycotted by the Indian National Congress and most other Indian political parties.
4. The Azad Hind Fauj or Indian National Army was reorganized by Subhas Chandra Bose in 1943 in Southeast Asia.

Which of the above statements are correct?

- Ans**
- 1. 1, 3, and 4
  - 2. 1, 2, 3, and 4
  - 3. 2, 3, and 4
  - 4. 1, 2, and 3

**Q.11** \_\_\_\_\_ is the maximum income available that can be saved and spent by a nation on the consumption of goods and services.

- Ans**
- 1. Personal Disposable Income
  - 2. Gross National Disposable Income
  - 3. National Income
  - 4. National Disposable Income

**Q.12** Consider the following statements:

1. As per Food and Agriculture organization of the United Nations, India is the world's largest producer of pulses and ranks second in rice production.
  2. The Green Revolution in India led to significant increases in wheat production, primarily in Punjab, Haryana, and Uttar Pradesh.
  3. Black soil, also known as Regur soil, is most suitable for the cultivation of cotton.
- Which of the statements above is/are correct?

- Ans**
- 1. 2 and 3 only
  - 2. 1 and 3 only
  - 3. 1 and 2 only
  - 4. 1, 2 and 3

**Q.13** Consider the following statements:

1. The Four Noble Truths form the central doctrine of Buddhism.
  2. The concept of 'Anatta' in Buddhism denies the existence of a permanent soul.
  3. Mahayana Buddhism introduced the concept of Bodhisattva.
  4. The Milindapanha is a Pali text that records a dialogue between the Indo-Greek king Menander and the monk Nagasena.
- Which of the statements above is/are correct?

- Ans**
- 1. 2, 3, and 4 only
  - 2. 1, 2, 3, and 4 only
  - 3. 1, 2, and 3 only
  - 4. 1, 3, and 4 only

**Q.14** Tughluq Dynasty was ended by which of the following rulers?

- Ans**
- 1. Qutb-ud-din Aibak
  - 2. Jalal-ud-din Firuz Khilji
  - 3. Timur
  - 4. Ghiyas-ud-din Tughluq

**Q.15** Which of the following structures of Buddhist architecture is used as living quarters of the monks?

- Ans**
- 1. Viharas
  - 2. Chalupa
  - 3. Stupas
  - 4. Chaitya Grihas

**Q.16** Consider the following statements:

- A) Failure of Third Plan that of the devaluation of rupee( to boost exports) along with inflationary recession led to postponement of Fourth Five year plan.  
B) Three Annual Plans were introduced instead of the Fifth five year plan.

- Ans**
- 1. Only B is true
  - 2. Both A and B is true
  - 3. Only A is true
  - 4. Neither A nor B is true

**Q.17** Arthashastra was written by \_\_\_\_\_.

- Ans**
- 1. Megasthenes
  - 2. Kautilya
  - 3. Banabhatta
  - 4. Vishakhadatta

Q.18 Tripitaka are the religious texts of \_\_\_\_\_.

- Ans
- 1. Hindus
  - 2. Jains
  - 3. Sikhs
  - 4. Buddhists

Q.19 When was the constitution of India adopted?

- Ans
- 1. November 26, 1949
  - 2. August 15, 1948
  - 3. 26 January 1950
  - 4. March 5, 1951

Q.20 Consider the following statements:

1. India's National Action Plan on Climate Change (NAPCC) includes eight missions aimed at promoting sustainable development.
  2. India saw the highest year-on-year growth in renewable energy additions of 9.83% in 2022.
  3. The Perform Achieve and Trade (PAT) scheme is an initiative under the National Mission for Enhanced Energy Efficiency.
- Which of the statements above is/are correct?

- Ans
- 1. 1,2 and 3
  - 2. 1 and 3 only
  - 3. 2 and 3 only
  - 4. 1 and 2 only

Section : Numerical Aptitude

Q.1 A, B and C enter a partnership with initial investments in the ratio  $\frac{11}{5} : \frac{7}{2} : \frac{15}{8}$ . After 4 months A raises her share of investment by 62.5%. If the total profit after 12 months since the beginning of the partnership is Rs. 138584, then how much (in Rs.) does A get as her share of profit?

- Ans
- 1. 50864
  - 2. 50844
  - 3. 50884
  - 4. 50874

Q.2 The greatest number of wagons that can be attached to a locomotive engine if the speed is not to fall below 14 km. per hour is given as 144.

Which one of the following is correct in respect of the Question and the Statements given below?

Statement 1: The locomotive engine without any wagon can go at a rate of 50 km per hour.

Statement 2: The speed of the locomotive diminishes by a quantity which varies as the square root of the number of wagons attached.

Statement 3: With 16 wagons its speed is 38 km. per hour.

- Ans
- 1. All the three statements together are sufficient,
  - 2. Even all the three statements taken together is still not sufficient.
  - 3. Statement 1 and Statement 3 taken together are sufficient.
  - 4. Statement 2 and Statement 3 taken together are sufficient.

**Q.3** A number increased by 57% gives 942. Find the number.

- Ans**
- 1. 800
  - 2. 700
  - 3. 500
  - 4. 600

**Q.4** Jay lent some amount of money at 14% simple interest and an equal amount of money at 20% simple interest each for two years. If his total interest was, ₹ 9520, then find the amount of money that was lent in each case.

- Ans**
- 1. ₹13,000
  - 2. ₹16,000
  - 3. ₹14,000
  - 4. ₹15,000

**Q.5** Excluding stoppages, the speed of a bus is 152 km/hr. and including stoppages, it is 114 km/hr. For how many minutes does the bus stop per hour?

- Ans**
- 1. 10 minutes
  - 2. 15 minutes
  - 3. 14 minutes
  - 4. 9 minutes

**Q.6** The sum of the squares of two numbers is 545 and the square of their difference is 1. Find the product of the two numbers.

- Ans**
- 1. 282
  - 2. 256
  - 3. 272
  - 4. 286

**Q.7** In a 60-liter mixture of milk and water, the water content is 40%. How many litres of water should be added to increase the water content to 60%?

- Ans**
- 1. 30 litres
  - 2. 15 litres
  - 3. 25 litres
  - 4. 20 litres

**Q.8** A shopkeeper buys three varieties of sugar at Rs 99, Rs 120 and Rs 144 per kg respectively and mixes them in the ratio 9 : 2 : 1. In order to earn a y% profit after giving a discount equal to a sixth of the marked price, the marked price per kg of the blended sugar is fixed at Rs 178.50. What is the value of y?

- Ans**
- 1. 35
  - 2. 40
  - 3. 36
  - 4. 45

Q.9 35 men and 49 women, working together, can do a job in 84 days while 48 men and 84 women, working together, can do the same job in 56 days. In how many days can the same job be done by 30 men and 21 women, working together?

- Ans
- 1.  $120\frac{6}{13}$
  - 2.  $120\frac{8}{13}$
  - 3.  $120\frac{9}{13}$
  - 4.  $120\frac{7}{13}$

Q.10 Prakash and Inaya started a business investing ₹ 77,000 and ₹ 84,000 respectively. In what ratio the profit earned after 2 years be divided between Prakash and Inaya respectively?

- Ans
- 1. 12 : 7
  - 2. 11 : 7
  - 3. 11 : 12
  - 4. 12 : 11

Q.11 The prices of a cream and a shampoo are in the ratio 19: 11. The price of the cream is ₹ 160 more than the price of the shampoo. What is the price of a cream?

- Ans
- 1. ₹380
  - 2. ₹400
  - 3. ₹360
  - 4. ₹340

Q.12 A sum becomes ₹ 8640 after two years and ₹ 12,441.6 after four years at the same compound interest. Find the sum.

- Ans
- 1. ₹5800
  - 2. ₹5000
  - 3. ₹6000
  - 4. ₹6300

Q.13 Arun and Devika bought an item each at identical prices. Arun marked his item at  $p\%$  above his purchase price and then offered a discount of  $q\%$  on the marked price. Devika claimed to offer her item for sale at  $y\%$  below her purchase price but then added  $z\%$  of the reduced offer price as handling charges. Eventually both sold their items at the same nominal price.

Which one of the following is correct in respect of the Question and the Statements given below?

Statement 1: The values of  $p$ ,  $q$ ,  $y$  and  $z$  are respectively given as 25, 8, 20 and 43.75

Statement 2: The values of  $p$ ,  $q$ ,  $y$  and  $z$  are respectively given as 35, 20, 10 and 20

- Ans
- 1. Only Statement 2 is feasible.
  - 2. Both Statements are feasible.
  - 3. Neither of the two statements is feasible.
  - 4. Only Statement 1 is feasible.

**Q.14** If Naman had purchased 25 articles for ₹ 22 and sold all the articles at the rate of 22 for ₹ 25, then find his approximate profit percentage.

- Ans**
- 1. 21.5%
  - 2. 20.5%
  - 3. 29.1%
  - 4. 30.2%

**Q.15** A salt and water mixture, of which 12.5% is salt, costs ₹22 per litre. Another salt and water mixture, of which 27.5% is salt, costs ₹38.50 per litre. How many litres of a salt and water mixture, of which 30% is salt, can be bought for ₹165?

- Ans**
- 1. 4.5
  - 2. 3.5
  - 3. 4
  - 4. 5

**Q.16** On a particular day each of Danish, Ethan and Farhan sold three types of pens from their respective shops. Danish and Ethan sold an identical number of pens of Type A while Farhan sold twice as many pens of Type A as Danish and Ethan together sold. The ratio of the numbers of pens of Type B sold by Danish, Ethan and Farhan was 3 : 4 : 1 respectively, and Ethan and Farhan sold an identical number of pens of Type C each, while Danish sold thrice as many pens of Type C as each of Ethan and Farhan sold. The three sellers sold each of the types of pens at different prices per unit.

Assertion (A): It is possible that Danish sold each pen of Type A at a loss of Rs 2, each pen of Type B at a profit of Rs 4, and each pen of Type C at a loss of Rs 5 and made an overall profit of Rs 144; Ethan sold each pen of Type A at a profit of Rs 5, each pen of Type B at a loss of Re 1, and each pen of Type C at a profit of Rs 7 and made an overall profit of Rs 13; and Farhan sold each pen of Type A at a profit of Re 3, each pen of Type B at a profit of Re 4, and each pen of Type C at a loss of Rs 6 and made an overall profit of Rs 240.

Reason (R): Framing and solving the three possible linear equations we will find that we get a unique solution.

- Ans**
- 1. Assertion (A) is true and Reason (R) is false.
  - 2. Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of Assertion (A).
  - 3. Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A).
  - 4. Assertion (A) is false and Reason (R) is true.

Q.17 Ravi and Rajiv decided to run a 960 m long race on a track as long as the length of the race.

Which of the statement(s) below is (are) sufficient to conclude that Rajiv ran at a speed of 10 m/s?

Statement 1: Ravi is allowed to start 5 seconds before Rajiv started running.

Statement 2: Ravi ran at 8 m per second.

Statement 3: Rajiv caught up with Ravi with  $\frac{3}{8}$  of the track length still to be covered.

- Ans
- 1. Statements 1 and 3 taken together are sufficient.
  - 2. Even all the three statements taken together is not sufficient.
  - 3. All the three statements taken together is sufficient.
  - 4. Statements 2 and 3 taken together are sufficient.

Q.18 Find the positive square root of  $92 - 24\sqrt{6} - 4\sqrt{2}$

- Ans
- 1.  $6 + 2\sqrt{2}$
  - 2.  $6 - 2\sqrt{2}$
  - 3.  $8 - 4\sqrt{2}$
  - 4.  $8 - 2\sqrt{2}$

Q.19 The product of two co-prime numbers is 1073. Find their L.C.M.

- Ans
- 1. 29
  - 2. 1
  - 3. 1073
  - 4. 37

Q.20 (x, y) is a pair of positive integers such that  $\text{HCF}(x, y) + \text{LCM}(x, y) = 187$  and  $x > y$ .

Which one of the following is correct in respect of the Question and the Statements given below?

Statement 1: There are three possible values of  $\text{HCF}(x, y)$ .

Statement 2: The minimum value of  $(x + y)$  is 37.

Statement 3: There are 7 pairs of (x, y) that satisfy the given conditions.

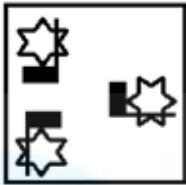
- Ans
- 1. Statement 1 is incorrect but Statements 2 and 3 are correct.
  - 2. Only Statements 1 and 2 are correct.
  - 3. Statements 1 and 3 are correct but Statement 2 is incorrect.
  - 4. All three statements are correct.



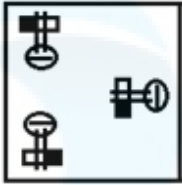
Q.1 Three of the following four figure pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

Ans

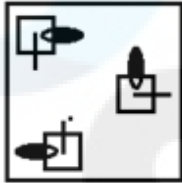
✓ 1.



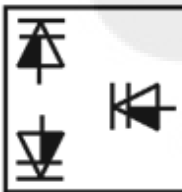
✗ 2.



✗ 3.



✗ 4.



Q.2 If M denotes 'addition', N denotes 'multiplication', O denotes 'subtraction', and P denotes 'division', then what will be the value of the following equation?

$$55 \text{ N } 2 \text{ M } 27 \text{ O } 16 \text{ P } 4 = ?$$

Ans

✗ 1. 152

✗ 2. 143

✗ 3. 166

✓ 4. 133

Q.3 Six persons Ritu, Gunjan, Vicky, Sana, Kiran, and Hemant live in a six-storey building. The ground floor is numbered 1, the floor just above it is numbered 2, and so on till the topmost floor which is numbered 6. Only three people live between Vicky and Hemant. Kiran lives on an even-numbered floor. Ritu lives just above Hemant. Four people live between Vicky and Ritu. Who lives just above Vicky?

Ans

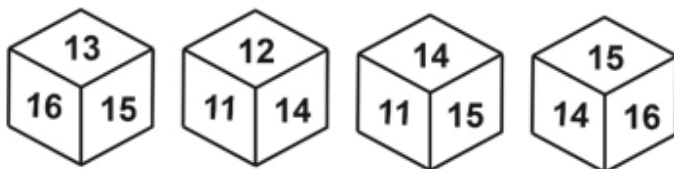
✓ 1. Sana

✗ 2. Kiran

✗ 3. Gunjan

✗ 4. Hemant

Q.4 Four different positions of the same dice are given below. Find the number opposite of 13.



Ans

✗ 1. 15

✓ 2. 14

✗ 3. 16

✗ 4. 11

**Q.5** PAUSED is related to USPEDA in a certain way based on certain logic. In the same way, ZENITH is related to ZTNIHE. Which of the following are correct matches following the same logic?

i. TINGLE	(W) ACEMLS
ii. MORSEL	(X) UTLIFE
iii. CAMELS	(Y) SROMLE
iv. FUTILE	(Z) ELGNIT

- Ans**
- 1. ii-Y, iv-X only
  - 2. ii-Y, iii-Z, iv-X only
  - 3. i-W, ii-Y, iv-X only
  - 4. i-W, iv-X only

**Q.6** In a certain code language, 'FAST' is written as '7-39', and 'LINE' is written as '21-19'. Which of the following are correct matches as per the given code language?

WORD	CODE
(i) DOME	(W) 15-27
(ii) FISH	(X) 18-15
(iii) COMB	(Y) 19-18

- Ans**
- 1. i-Y, ii-W, iii-X only
  - 2. iii-X only
  - 3. i-W, iii-X only
  - 4. i-Y, iii-X only

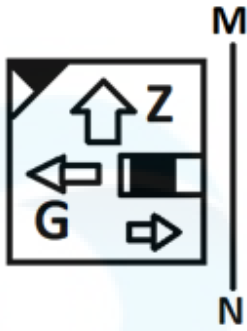
**Q.7** Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, decide which of the conclusions logically follow(s) from the statements.

**Statement I:** Some reds are blue.  
**Statement II:** All blue is green.  
**Statement III:** Some green are brown.

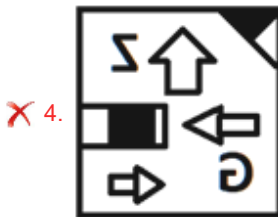
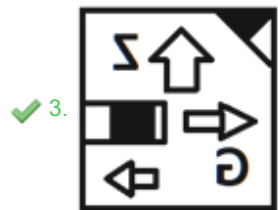
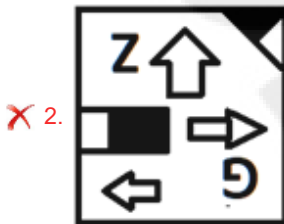
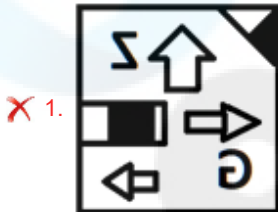
**Conclusion I:** Some red are brown.  
**Conclusion II:** Some reds are green.

- Ans**
- 1. Both conclusions I and II follow
  - 2. Only conclusion II follows
  - 3. Only conclusion I follows
  - 4. Neither conclusion I nor II follows

Q.8 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans



Q.9 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(12, 21, 162)

(14, 26, 288)

Ans ✗ 1. (16, 26, 220)

✓ 2. (18, 29, 242)

✗ 3. (17, 30, 278)

✗ 4. (15, 29, 142)

**Q.10** Read the following information carefully and answer the question that follows. You must assume everything in the statement to be true and decide which of the conclusion/s logically follow/s.

With active populations, road traffic, industry and construction, cities are expectedly noisy places. Noise is a leading source of dissatisfaction for city residents. Urban noise affects the quality of lives of people residing there. It also causes serious and long-term harm to health. Noise disturbs sleep which results in stress, fatigue and changes in body's chemical balances. Noise interferes with certain cognitive functions such as attention, concentration and memory.

Which of the following can be concluded from the given information?

- A. The main cause of noise pollution is the people remaining active throughout the day and they are able to pay attention to their tasks for more duration.
- B. The noise pollution is evident only in those urban areas where industries are located and people are not sleeping properly due to long working hours.
- C. Noise is associated with low quality of sleep which causes other problems such as tiredness, stress and other bodily changes.
- D. Sleep is not the only factor which is interfered due to noise pollution; there are other functions that are affected among people.

- Ans**
- 1. Only C and D
  - 2. Only B, C and D
  - 3. Only A, B and C
  - 4. Only B and D

**Q.11** Seven persons named P, Q, R, S, T, U and V are sitting in a straight line, all facing north. Each one of them is pursuing one of seven different courses i.e. B.A., B.Com, B.Sc., B.Tech, B.Arch, M.Sc. and M.Tech. Q is fourth to left of R. S is third to right of P. The person pursuing B.Tech is third to left of R. The person pursuing B.Arch is sitting immediate left of S who is sitting at the extreme end. The persons pursuing M.Sc. and B.Com are immediate neighbours. The persons pursuing B.Sc. and B.Arch are immediate neighbours. V is fourth to left of U. S is not pursuing B.Sc. The person pursuing B.A. is third to left of P. The person pursuing M.Tech is fourth to the right of the person pursuing M.Sc.

Which of the following is/are true based on the given arrangement?

- I. The person pursuing B.com is third to left of the person pursuing M.Tech.
- II. Only three persons are sitting between Q and R.
- III. The person pursuing B.Arch. is sitting second to the right of T.

- Ans**
- 1. All I, II and III are true
  - 2. Only I and III is true
  - 3. Only II and III are true
  - 4. Only I and II are true

Q.12 Select the figure that will replace the question mark (?) in the following figure series.

P	M	□	P	M	X	□	P	+	X	□	
□		X			+		M	S	↑	X	□
X		+			S			↑		P	M
+	S	↑	S	↑	↑						?

Ans

✗ 1.

S	+	□
↑		X
		P
		M

✗ 2.

S	↑	+
		X
		□
	M	P

✓ 3.

S	+	X
↑		□
		P
		M

✗ 4.

↑	+	□
S		X
		P
		M

Q.13 'A % B' means 'A is the brother of B'  
 'A @ B' means 'A is the father of B'  
 'A = B' means 'A is the wife of B'  
 'A & B' means 'A is the mother of B'

Based on the above information, find out which of the given statements can be the reason/s behind the assertion made below if it is given that 'M % K = Z @ L % C'.

Assertion: K is maternal grandmother of H?

Reason A : C & H

Reason B : N @ H

- Ans
- ✗ 1. Only B is the reason behind the assertion
  - ✗ 2. Neither A nor B is the reason behind the assertion
  - ✓ 3. Only A is the reason behind the assertion
  - ✗ 4. Both A and B are reasons behind the assertion

Q.14 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient/necessary to answer the question. Read both the statements and decide the appropriate answer.

Question: In which direction is Vineet finally facing?

(I) Initially Vineet was facing northeast, then he turned 135 degrees clockwise, then he turned 45 degrees anticlockwise. Then he turned 90 degrees anticlockwise for his final facing of a direction.

(II) Initially Vineet was facing north, then he turned 90 degrees followed by a 135 degrees turn. He, then turned 45 degrees for his final facing.

- Ans
- ✓ 1. Data in Statement I alone is sufficient to answer the question while data in statement II is not
  - ✗ 2. Data in statements I and II together are necessary to answer the question.
  - ✗ 3. Data in statements I and II together are NOT sufficient to answer the question
  - ✗ 4. Data in Statement II alone is sufficient to answer the question while data in statement I is not

**Q.15** In a group of students, 147 play football, 155 play hockey, 160 play cricket, 36 play football and hockey, 44 play football and cricket, 25 play hockey and cricket, and 15 play all three games. Find the total number of students in the group.

- Ans**
- 1. 372
  - 2. 345
  - 3. 350
  - 4. 366

**Q.16** Select the wrong term in the given alpha-numeric series.

Y17, A34, C51, F68, G85

- Ans**
- 1. Y17
  - 2. F68
  - 3. A34
  - 4. C51

**Q.17** Six girls named A, B, C, D, E and F score different marks in an examination. B scores more marks than D. The ratio between marks of D and E is 5 : 8 respectively. F scores 5 marks more than A. C scores more marks than E. B scores lesser marks than C. The sum of marks obtained by D and E is 130. The ratio between marks of A and D is 11:10 respectively.

Which of the following is true based on the given information?

I. F scores 60 marks.

II. C scores the highest marks.

- Ans**
- 1. Neither I nor II
  - 2. Only I
  - 3. Only II
  - 4. Both I and II

**Q.18** Select the wrong term in the following number series:

3, 4, 12, 40, 103, 228

- Ans**
- 1. 103
  - 2. 12
  - 3. 228
  - 4. 40

**Q.19** Four letter clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter cluster.

- Ans**
- 1. UVW
  - 2. QRS
  - 3. LKN
  - 4. HIJ

**Q.20** Arrange the words in a meaningful logical order and select the appropriate sequence :

1. Seed
2. Flower
3. Plant
4. Bud

- Ans**
- 1. 1423
  - 2. 1243
  - 3. 4123
  - 4. 2431

Q.1 In the following passage there are blanks, each of which has been numbered. Select the correct option to fill in the blanks.

Like all other good things in this world, leisure too can be used properly or \_\_\_1\_\_\_ thoroughly. Most people do not know how to use their leisure simply because they get it so \_\_\_2\_\_\_. Some people keep wondering what to do, but by the time they \_\_\_3\_\_\_ to do something, it has already vanished. Others \_\_\_4\_\_\_ around smoking, gossiping, backbiting and tearing reputations to the tiniest bits possible. Still others engage in \_\_\_5\_\_\_ activities as window-shopping, watching senseless movies, playing computer games or chatting on mobile phones.

- Ans
- 1. 1-abused, 2-rarely, 3-resolve, 4-lounge, 5-baneful
  - 2. 1-withered, 2-barely, 3-determine, 4-saunter, 5-noxious
  - 3. 1-famished, 2-seldom, 3-propose, 4-dawdle, 5-baleful
  - 4. 1-wasted, 2-readily, 3-decide, 4-loiter, 5-harmful

Q.2 Arrange the given sentences (1-6) in the correct order to form a coherent paragraph.

1. And, since there were no enemies, it nested on the ground in complete safety.
2. The goats ate the undergrowth which provided the dodo with cover; dogs and cats hunted and troubled the old bird.
3. Dodo, the size of a goose, securely inhabited the island of Mauritius.
4. The pigs and rats were not far behind who devoured the eggs and young ones, finishing off the feast.
5. This bird had lost its power of flight since there were no enemies in the island to fly from.
6. Then man discovered the dodos' paradise in around 1507 and with him came his familiars- dogs, cats, pigs, goats and rats.

- Ans
- 1. 351624
  - 2. 356241
  - 3. 362451
  - 4. 312564

Q.3 Select the correct conclusion based on the meaning of the underlined word:

Statement: His false accusations caused indignation all around.

- i. The indigenous population has suffered profound injustice.
- ii. It has become a common practice to level allegations against the opposition parties.
- iii. The unjust treatment meted out to soldiers caused shock and anger.
- iv. He has fallen into the debt trap and is going through a phase of depression.

- Ans
- 1. Both i and iii are correct
  - 2. Only iii is correct
  - 3. Both i and iv are correct
  - 4. Only ii is correct

Q.4 The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

He will have been being disheartened/ by the telephone opinion/ poll published yesterday.

- Ans
- 1. He will have been being disheartened
  - 2. poll published yesterday.
  - 3. by the telephone opinion
  - 4. No error

Q.5 There is a sentence that is missing in the paragraph below. Look at the paragraph and decide in which blank (1, 2, 3, or 4) the following sentence would best fit.

Sentence: It is also necessary to consider more meaningful aspects of literacy if we are to complete the transition we are in. Literacy has traditionally been described as the ability to read and write. \_\_\_1\_\_\_ UNESCO defines literacy as the ability to identify, understand, interpret, create, communicate, compute and use printed and written materials associated with varying contexts. \_\_\_2\_\_\_. Literacy involves enabling individuals to achieve their goals, to develop their knowledge and potential, and to participate fully in their community and wider society. \_\_\_3\_\_\_. It is no longer sufficient to consider whether a student can 'read' and 'write'. \_\_\_4\_\_\_.

- Ans
- 1. Blank 4
  - 2. Blank 3
  - 3. Blank 2
  - 4. Blank 1

**Q.6** The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

A graduate of the University of Cincinnati, Stewart holds/ a bachelor's degree in German studies and/ a MBA in finance and international business.

- Ans**
- 1. a bachelor's degree in German studies and
  - 2. a MBA in finance and international business.
  - 3. No error
  - 4. A graduate of the University of Cincinnati, Stewart holds

**Q.7** The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

He had been led to his squad of commandos/ towards the target of a group of houses/ when he spotted enemy soldiers hiding in the houses.

- Ans**
- 1. when he spotted enemy soldiers hiding in the houses.
  - 2. towards the target of a group of houses
  - 3. No error
  - 4. He had been led to his squad of commandos

**Q.8** Some parts of a sentence have been jumbled up, and labelled P, Q, R and S. Select the option that gives the correct sequence in which these parts can be rearranged to form a meaningful and grammatically correct paragraph. Opening and Closing sentence indicate the start of the paragraph and end of the sentence paragraph.

Opening Sentence: Jane Goodall, a renowned primatologist and conservationist, was born on April 3, 1934, in London, England.

P. She spent several years living among chimpanzees, observing their behaviour and documenting social structures.

Q. Inspired by Goodall's work, many conservationists today continue to advocate for the protection of endangered species and their habitats.

R. Goodall's groundbreaking research on chimpanzees in Gombe Stream National Park, Tanzania, challenged existing scientific norms and expanded our understanding of primates.

S. In 1977, Goodall established the Jane Goodall Institute, dedicated to wildlife research, conservation, and community development.

Closing Sentence: Jane Goodall's contributions to primatology have left a lasting impact on the scientific community and conservation efforts worldwide.

- Ans**
- 1. RSPQ
  - 2. RQSP
  - 3. SPQR
  - 4. PRSQ

**Q.9** Select the word that is closest in meaning (SYNONYM) to the word given below

Glib

- Ans**
- 1. Implausible
  - 2. Lethargy
  - 3. Easy
  - 4. Inarticulate

**Q.10** Select the word that is opposite in meaning (ANTONYM) to the word given below.

Incantation

- Ans**
- 1. Abundant
  - 2. Reality
  - 3. Liberal
  - 4. Succession



Q.11 Select the word that is closest in meaning (SYNONYM) to the word given below

Malign

- Ans
- 1. Nihilistic
  - 2. Evil
  - 3. Radical
  - 4. Insurgent

Q.12 Select the correct conclusion based on the meaning of the underlined word:

Statement: The shopkeeper's gambit was to ask double the price.

Conclusion:

- i. The shopkeeper was fined for selling inferior quality goods at half the price.
- ii. Giving discounts on elevated prices is a clever plan intended to increase sales.
- iii. Consumers complained against the shopkeeper for selling adulterated foodstuff at exorbitant prices.
- iv. The announcement of an assured prize in the lucky draw was a risky action plan to gain advantage.

- Ans
- 1. Both i and iv are correct
  - 2. Both ii and iv are correct
  - 3. Only ii is correct
  - 4. Only iii is correct

Q.13 Select the most appropriate meaning of the given proverb from the options

People who live in glass houses should not throw stones

- Ans
- 1. If someone whom I don't like doesn't like someone else whom I don't like, we can act like friends and unite against the other person (common in war)
  - 2. People who wake up early or who get to places early have a better chance of success
  - 3. Don't criticize someone if you're not perfect either; don't be a hypocrite
  - 4. The more you do something, the better you will become at it

Q.14 Match the following groups of words with the correct one-word substitutions.

phrase	one-word substitution
1. a person who deliberately sets fire to a building	a. altruist
2. one who devotes one's life to the welfare of other people	b. bigot
3. one who does not believe in the existence of God	c. arsonist
4. one who has narrow and prejudiced religious views	d. atheist

- Ans
- 1. 1-a, 2-c, 3-b, 4-d
  - 2. 1-c, 2-a, 3-d, 4-b
  - 3. 1-d, 2-b, 3-c, 4-a
  - 4. 1-b, 2-d, 3-a, 4-c

Q.15 The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

She decided to take a break/ from work, while she needed/ some time to recharge and rejuvenate.

- Ans
- 1. No error
  - 2. some time to recharge and rejuvenate.
  - 3. from work, while she needed
  - 4. She decided to take a break

Q.16 Which of the following statements correctly uses the idiom 'kicked up a row' by substituting the underlined words?

- A. Even if we are not able to help our friends, we should not treat them coldly and formally.
- B. The machine operator created a big fuss when he was admonished for not following the instructions correctly.
- C. Success is important but not by resorting to unfair means.
- D. The brothers have been running around ever since they had a dispute over their land.

- Ans
- 1. Statement A
  - 2. Statement C
  - 3. Statement D
  - 4. Statement B

Q.17 Select the correct conclusion based on the meaning of the underlined idiom:

It should be one's avowed policy to keep the flatterers at arm's length.

Conclusion:

- 1. The farther a person stays from flatterers, the better it is.
- 2. Having flatterers around boosts one's self-confidence.
- 3. Flatterers are not true well-wishers and should be kept at bay.

- Ans
- 1. Both 2 and 3 are correct
  - 2. Only 2 is correct
  - 3. Only 3 is correct
  - 4. Both 1 and 3 are correct

Q.18 Four sentences are given below. Find the odd sentence out.

- A. The webs of spiders provide the most vivid examples of animal structures built entirely in tension.
- B. Man has long used suspension bridges made of ropes of steel and concrete, which bear loads in tension.
- C. Animals and birds are great builders, using simple materials but employing sound engineering principles.
- D. Beavers are natural engineers that use tree branches to construct dams, the divided end being pressed into the walls.

- Ans
- 1. sentence B
  - 2. sentence C
  - 3. sentence A
  - 4. sentence D

Q.19 Select the most appropriate meaning of the given idiom

Make no bones about

- Ans
- 1. Eventually, after a long period of time
  - 2. Someone who is unpredictable and can cause damage if not kept in check
  - 3. Not willing to accept the ideas of others
  - 4. To state a fact so there are no doubts or objections

Q.20 Match the following groups of words with the correct one-word substitutions.

phrase	one-word substitution
1. to pay money to use a product or service regularly	a. ascribe
2. to order treatment for someone	b. subscribe
3. to put thoughts into written or printed form	c. prescribe
4. to attribute a cause or characteristic to something	d. transcribe

- Ans
- 1. 1-a, 2-b, 3-c, 4-d
  - 2. 1-b, 2-c, 3-d, 4-a
  - 3. 1-d, 2-a, 3-b, 4-c
  - 4. 1-c, 2-d, 3-a, 4-b

# INTELLIGENCE BUREAU

(Ministry of Home Affairs)

Government of India

Test Center Name	iON Digital Zone iDZ 2 Hathipur
Test Date	17/01/2024
Test Time	5:30 PM - 6:30 PM
Subject	IB ACIO II Exe

## Section : Current Affairs

Q.1 Consider the following statement about MAHASAGAR:

1. It is initiative of the Indian Army
  2. The maiden edition of the high level virtual interaction MAHASAGAR was hosted 29 November 2023
  3. Full form of MAHASAGAR is Maritime Heads for Active Security And Growth for All in the Region.
  4. It's interaction theme was 'Collective Maritime Approach towards Countering Common Challenges'.
- Which of the statement given above is/are correct?

- Ans
- 1. Statement 1, 3, 4
  - 2. Statement 2,3 and 4
  - 3. All are correct
  - 4. Statement 1, 2 and 3

Q.2 Match the list 1 and list 2 and select the correct answer using the code given below.

List1(Sportsperson)	List 2 (Game)
A. Amit Panghal	1. Archery
B. Deepika Kumari	2. Boxing
C. Anupama Upadhyaya	3. Fencing
D. Bhavani Dev	4. Badminton

- Ans
- 1. A-2 B-1 C-4 D-3
  - 2. A-2 B-3 C-4 D-1
  - 3. A-2 B-3 C-1 D-4
  - 4. A-3 B-2 C-4 D-1

Q.3 Bharat New Car Assessment Programme (NCAP) is applicable for passenger vehicles with not more than \_\_\_\_\_ in addition to the driver's seat.

- Ans
- 1. 6 seats
  - 2. 10 seats
  - 3. 4 seats
  - 4. 8 seats

**Q.4** Consider the following statement about the general election to assembly constituencies of Rajasthan on 25th December 2023:

1. The election was on 199 seats
2. Bharatiya Janata Party was elected on 112 seats
3. Indian National Congress was elected on 69 seats
4. Bahujan Samaj Party was elected on 1 seat

Which of the statement given above is/are correct?

- Ans**
- 1. All are correct
  - 2. Statement 2 and 3
  - 3. Statement 1 and 3
  - 4. Statement 1 and 2

**Q.5** Consider the following statement about 'Green Rising' Initiative launched in December 2023:

1. Ministry of Environment, Forest, and Climate Change is associated with this initiative
2. UNICEF's Generation Unlimited is also in the collaboration with this initiative
3. This Initiative was launched at New Delhi

Which of the statement given above is/are correct?

- Ans**
- 1. All are correct
  - 2. Statement 1 and 3
  - 3. Statement 1 and 2
  - 4. Statement 2 and 3

**Q.6** Gyan Sahayak Scheme is introduced by the state of \_\_\_\_\_.

- Ans**
- 1. Delhi
  - 2. Jharkhand
  - 3. West Bengal
  - 4. Gujarat

**Q.7** Consider the following statement about Shivaji Maharaj statue launched in December 2023:

1. Prime Minister, Shri Narendra Modi unveiled the statue of Chhatrapati Shivaji Maharaj
2. statue of Chhatrapati Shivaji Maharaj at Rajkot Fort
3. statue of Chhatrapati Shivaji Maharaj is in Goa state
4. Shivaji Maharaj was the Maratha King

Which of the statement given above is/are correct?

- Ans**
- 1. Statement 1, 2 and 3
  - 2. Statement 2,3 and 4
  - 3. Statement 1, 2 and 4
  - 4. All are correct

**Q.8** Who among the following is the current Deputy National Security advisor appointed in Jan 2023?

- Ans**
- 1. Nehchal Sandhu
  - 2. Pankaj Kumar Singh
  - 3. Ajit Doval
  - 4. Rajiv Gauba

**Q.9** Consider the following statement about NATPOLREX-IX:

1. The 9th National Level Pollution Response Exercise was conducted by the Indian Coast Guard in August 2023
2. It was conducted in Maharashtra state
3. The NATPOLREX-IX accomplished its objective of testing the level of preparedness and coordination between various resource agencies

Which of the statement given above is/are correct?

- Ans**
- 1. All are correct
  - 2. Only statement 3
  - 3. Only statement 1
  - 4. Statement 2 and 3

Q.10 4th edition of ASEAN India Grassroots Innovation Forum (AIGIF) 2023 was held in \_\_\_\_\_.

- Ans
- 1. Japan
  - 2. Malaysia
  - 3. Singapore
  - 4. India

Q.11 Which of the following won the 'NATIONAL TECHNOLOGY AWARD (MAIN)' in National Technology Week 2023?

- Ans
- 1. Ideaforge Technology Limited
  - 2. WellRx Technologies Private Limited
  - 3. MyLab Discovery Solutions Private Limited
  - 4. Sascan Meditech Private Limited

Q.12 Which of the following states in the southern region of India reported the highest number of extreme weather days from January to September 2023?

- Ans
- 1. Karnataka
  - 2. Tamil Nadu
  - 3. Telangana
  - 4. Kerala

Q.13 Who among the following did Vaishali Rameshbabu defeat to become grandmaster in chess?

- Ans
- 1. Elisabeth Pähtz
  - 2. FM Tamer Tarik Selbes
  - 3. Olga Girya
  - 4. Zhu Jiner

Q.14 As per Financial Assistance for Promotion of Guru-Shishya Parampara scheme of the Ministry of Culture,

- Ans
- 1. 1 Guru and maximum 20 Shishyas in the field of music & dance.
  - 2. 1 Guru and maximum 8 Shishyas in the field of music & dance.
  - 3. 1 Guru and maximum 15 Shishyas in the field of music & dance.
  - 4. 1 Guru and maximum 10 Shishyas in the field of music & dance.

Q.15 Consider the following statement about 2023 Gender Social Norms Index:

1. This Index is developed by the UNDP
  2. This index covered 60 percent of the global population
  3. This index reveals that close to 9 out of 10 men and women hold fundamental biases against women.
  4. According to the report nearly half the world's people believe that men make better political leaders than women do
- Which of the statement given above is/are correct?

- Ans
- 1. Statement 1, 3 and 4
  - 2. Statement 2,3 and 4
  - 3. All are correct
  - 4. Statement 1, 2 and 3

Q.16 Who among the following won the Padma Shree in 2023 and is an eminent miniature painter specializing in contemporary art?

- Ans
- 1. Shri Bhanubhai Chitara
  - 2. Shri Premjit Baria
  - 3. Ms. Jodhaiyabai Baiga
  - 4. Shri Hem Chandra Goswami

**Q.17** Consider the following statement about Android Earthquake Alerts System launched in India in September 2023:

1. It has been introduced for the Android by Google in India.
2. Facebook is also partner of the Google in this system.
3. This system is rolling in India in collaboration with the National Disaster Management Authority (NDMA) and the National Seismology Center (NSC).
4. This innovative system transforms Android phones into miniature earthquake detectors by utilizing the device's accelerometer as a seismograph

Which of the statement given above is/are correct?

- Ans**
- 1. Statement 1, 3, 4
  - 2. All are correct
  - 3. Statement 1, 2 and 3
  - 4. Statement 2,3 and 4

**Q.18** Consider the following statement about "New Education for New India" campaign:

1. President of India launched this program in March 2023
2. This campaign was launched at Sambalpur, Odisha
3. This campaign is envisaged to inculcate values and uplift the consciousness of the students for better society

Which of the statement given above is/are correct?

- Ans**
- 1. Only statement 3
  - 2. All are correct
  - 3. Only statement 1
  - 4. Statement 2 and 3

**Q.19** In November 2023, Union health ministry has decided that Ayushman Bharat Health and Wellness Centres to be renamed as \_\_\_\_\_.

- Ans**
- 1. National Health Protection Scheme
  - 2. Pradhan Mantri Jan Arogya Yojana
  - 3. Ayushman Arogya Mandir
  - 4. Ayushman Arogya Kendra

**Q.20** Consider the following statement about Deep Ocean Mission:

1. This Mission is related to the Ministry of Earth Sciences
2. Aim of the project is to develop technologies and capabilities for deep sea exploration.
3. Samudrayaan mission is aimed at sending three personnel to 6000-metre depth in a vehicle called 'MATSYA 6000'

Which of the statement given above is/are correct?

- Ans**
- 1. Only statement 3
  - 2. Statement 2 and 3
  - 3. Only statement 1
  - 4. All are correct

## Section : General Studies

**Q.1** Consider the following statements:

1. The Government of India Act of 1858 was a response to the Indian Rebellion of 1857 and the East India Company lost all its administrative powers following the Government of India Act of 1858, and its Indian possessions and armed forces were taken over by the Crown.
2. Indian Council Act (Morley-Minto Act) of 1907 introduced separate electorates for Muslims in India.
3. The Montagu-Chelmsford Reforms of 1919 initiated the Diarchy system in the provincial governments.
4. The Government of India Act of 1935 provided for the establishment of an All-India Federation and introduced provincial autonomy.

Which of the above statements are correct?

- Ans**
- 1. 1, 2, 3, and 4
  - 2. 2, 3, and 4
  - 3. 1, 3, and 4
  - 4. 1, 2, and 3

**Q.2** Consider the following statements:

1. The Tripitaka is the traditional term for Buddhist monasteries.
  2. The Jatakas are a voluminous body of literature concerning the previous births of Gautama Buddha.
  3. The Second Buddhist council was convened at Kundalvana, Kashmir and resulted in the first schism in the Sangha.
  4. The Mauryan emperor Ashoka embraced Buddhism after the Battle of Kalinga and helped in its spread.
- Which of the statements above is/are correct?

- Ans**
- 1. 3 and 4 only
  - 2. 1 and 4 only
  - 3. 2 and 4 only
  - 4. 1 and 3 only

**Q.3** Which of the following statements is correct?

- A) The Preamble of the Indian Constitution was based on the Objectives Resolution.  
B) The Preamble of the Indian Constitution was adopted by the Constituent Assembly on January 22, 1947.

- Ans**
- 1. Only A is true
  - 2. Both A and B is true
  - 3. Neither A nor B is true
  - 4. Only B is true

**Q.4** Hinayana and Mahayana are the branches of which of the following religion?

- Ans**
- 1. Jainism
  - 2. Hinduism
  - 3. Sikhism
  - 4. Buddhism

**Q.5** Harappa of Harappan civilization was situated on the banks of river \_\_\_\_\_.

- Ans**
- 1. Indus
  - 2. Chenab
  - 3. Ganga
  - 4. Ravi

**Q.6** Which state has the highest male literacy rate as per 2011 census?

- Ans**
- 1. Kerala
  - 2. Mizoram
  - 3. Lakshadweep
  - 4. Goa

**Q.7** Match the following committees with their contributions to local governance and select the correct answer using the codes/options given below the lists:

List-I (Committee)	List-II (Contribution)
A. Ashok Mehta Committee	(i) Recommended that Panchayati Raj institutions should be constitutionally recognized, protected, and preserved.
B. G.V.K. Rao Committee	(ii) Suggested that local government should be given constitutional status.
C. L.M. Singhvi Committee	(iii) Proposed a two-tier Panchayati Raj system.
D. Sarkaria Commission	(iv) Reviewed the working of the Constitution in relation to the working of the Panchayats and Municipalities

- Ans**
- 1. A-ii B-i C-iii D-iv
  - 2. A-iv B-iii C-ii D-i
  - 3. A-iii B-iv C-i D-ii
  - 4. A-i B-ii C-iv D-iii

**Q.8** Which of the following statements is correct?

- A) Executive Bodies are constitutional and non-statutory.
- B) Statutory Bodies are non-constitutional bodies.

- Ans**
- 1. Neither A nor B is true
  - 2. Only A is true
  - 3. Only B is true
  - 4. Both A and B is true

**Q.9** Consider the following statements:

1. The Eighth Schedule of the Indian Constitution lists 22 languages recognized as scheduled languages of India.
2. Sanskrit is the liturgical language of Hinduism, Buddhism, and Jainism, and is one of the 22 languages listed in the Eighth Schedule.
3. Konkani, spoken in the Western coastal regions of India, was added to the Eighth Schedule in the 71st amendment of the Constitution.

Which of the statements above is/are correct?

- Ans**
- 1. 1 and 2 only
  - 2. 1 only
  - 3. 2 and 3 only
  - 4. 1, 2, and 3

**Q.10** Consider the following statements:

1. Humayun's Tomb was built by Jahangir as a tribute to his grandfather.
2. The Din-i-Ilahi, an eclectic religion, was propagated by Akbar.
3. Jahangir is well known for installing what is known as the "chain of justice" at the Agra Fort.

Which of the statements above is/are correct?

- Ans**
- 1. 2 only
  - 2. 3 only
  - 3. 2 and 3 only
  - 4. 1 only



**Q.11 Who was the Founder of Khilji Dynasty?**

- Ans**
- 1. Nasir-ud-din Khusrav Shah
  - 2. Jalal-ud-din Firoz Khilj
  - 3. Qutb-ud-din Mubarak Shah
  - 4. Ala-ud-din-Khilji

**Q.12 Consider the following statements:**

- 1.The Kudankulam Nuclear Power Plant in Tamil Nadu is the largest nuclear power station in India by installed capacity.
  - 2.Solar Energy Corporation of India is responsible for the development of solar energy in India, including the implementation of the National Solar Mission.
  - 3.India aimed to achieve 275 GW of renewable energy capacity by 2022 as part of its commitments to the Paris Agreement.
- Which of the statements above is/are correct?

- Ans**
- 1. 1 and 2 only
  - 2. 1 and 3 only
  - 3. 1, 2 and 3
  - 4. 2 and 3 only

**Q.13 Consider the following statements:**

1. Under Nepal-India Treaty of Trade (2009) duty-free access into the Indian market for all Nepali-manufactured goods is provided on a non-reciprocal basis.
  2. There has been a free trade and commerce between the territories of India and Bhutan since the signing of the Treaty between the Government of India (GoI) and the Royal Government of Bhutan (RGoB) in 1949.
  3. Indian government has started trade in the rupee with neighbouring countries, including Nepal and Bhutan.
  4. India is part of the BIMSTEC (Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation) which aims to bridge South and West Asia.
- Which of the statements above is/are correct?

- Ans**
- 1. 1, 2 and 4 only
  - 2. 1, 2 and 3 only
  - 3. 2, 3 and 4 only
  - 4. 1, 2, 3 and 4

**Q.14 Consider the following statements regarding the Constitution of India:**

1. Article 21A was added by the 86th Amendment Act, 2002 and provides for the right to education for children aged 6 to 14 years.
  2. Article 32 provides the right to constitutional remedies which empower the citizens to move a court of law in case of any denial of fundamental rights.
  3. Article 242 to Article 242-O relates to Panchayats, providing a framework for their creation and functioning in India.
  4. Twelfth schedule is popularly known as the Anti-Defection Law, it was added by the 52nd Amendment Act, 1985, and sets the provisions for disqualification of elected members on the grounds of defection.
- Which of the statements above is/are correct?

- Ans**
- 1. 1 and 2 only
  - 2. 2 and 4 only
  - 3. 3 and 4 only
  - 4. 1 and 4 only

**Q.15 Which of the following rivers are west flowing rivers?**

- A) Tapi
- B) Narmada
- C) Krishna
- D) Godavari

- Ans**
- 1. B, C, D
  - 2. A, B, C
  - 3. A, C
  - 4. A,B

Q.16 Which of the following were the positive effects of the green revolution?

- A) Self-sufficiency
- B) Industrialization
- C) Employment
- D) Increase in crop production

- Ans
- 1. B, C, D only
  - 2. A, B, C, D
  - 3. A, C, D only
  - 4. A, B, C only

Q.17 Consider the following statements:

1. India is a net exporter of iron and zinc ores.
2. The Khetri Copper Belt in Rajasthan is a significant copper-producing region in India.
3. The majority of India's petroleum production comes from the offshore fields in the Bay of Bengal.
4. The Zawar mines in Rajasthan are famous for their zinc and lead reserves.

Which of the statements above is/are correct?

- Ans
- 1. 1, 2 and 4 only
  - 2. 2 and 4 only
  - 3. 1 and 4 only
  - 4. 2, 3 and 4 only

Q.18 Which of the following statements related to macroeconomics is correct?

- A) Stock is static in nature
- B) Flow is dynamic in nature.

- Ans
- 1. Only B is true
  - 2. Neither A nor B is true
  - 3. Only A is true
  - 4. Both A and B is true

Q.19 Consider the following statements:

1. The Multi-dimensional Poverty Index (MPI) was developed in 2008 by the Oxford Poverty and Human Development Initiative (OPHI) and the United Nations Development Programme and is used alongside the HDI.
2. According to the MPI, in India the largest number of people living in multidimensional poverty are found in Bihar.
3. The Gender Inequality Index (GII) is a part of the HDI report, which reflects gender-based inequalities in three dimensions – reproductive health, empowerment, and the labor market.

Which of the statements above is/are correct?

- Ans
- 1. 1, 2 and 3
  - 2. 2 and 3 only
  - 3. 1 and 2 only
  - 4. 1 and 3 only

Q.20 The Arthashastra, consists of \_\_\_\_\_.

- Ans
- 1. 9 books
  - 2. 13 books
  - 3. 11 books
  - 4. 15 books

Section : Numerical Aptitude

Q.1 The average of 11 numbers is 44.5. If the average of the first six numbers is 42.5 and that of the last six numbers is 45, then find the middle number.

- Ans
- 1. 29.5
  - 2. 35.5
  - 3. 33.5
  - 4. 38.5

Q.2 Ravi and Rajiv decided to run a 960 m long race on a track as long as the length of the race.  
Which of the statement(s) below is (are) sufficient to conclude that Rajiv ran at a speed of 10 m/s?

Statement 1: Rajiv gave Ravi an 80 m head start

Statement 2: Ravi ran at 8 m per second.

Statement 3: Rajiv caught up with Ravi with  $\frac{3}{8}$  of the track length still to be covered.

- Ans
- 1. Even all the three statements taken together is not sufficient.
  - 2. Statements 1 and 3 taken together are sufficient.
  - 3. Statements 2 and 3 taken together are sufficient.
  - 4. All the three statements taken together is sufficient.

Q.3 A train 348 m long is running at a speed of 36 km/hr. It crosses a bridge in 50 seconds. What is the length of the bridge?

- Ans
- 1. 152 m
  - 2. 146 m
  - 3. 176 m
  - 4. 103 m

Q.4 A shopkeeper buys three varieties of pulses at Rs 132, Rs 160 and Rs  $y$  per kg respectively and mixes them in the ratio 9 : 2 : 1. The marked price per kg of the blended pulses is fixed at Rs 238, the shopkeeper gives a discount equal to  $\frac{1}{6}$  of the marked price and still earns a profit of 40%. What is the value of  $y$ ?

- Ans
- 1. 192
  - 2. 200
  - 3. 184
  - 4. 196

Q.5 Akash and Dinesh started a business investing ₹ 17,500 and ₹ 35,000 respectively. At the end of the year, the total profit was ₹ 9900. Find the share of Dinesh.

- Ans
- 1. ₹6000
  - 2. ₹6600
  - 3. ₹5500
  - 4. ₹5600

Q.6 A, B and C enter a partnership with initial investments in the ratio  $\frac{11}{5} : \frac{7}{2} : \frac{15}{8}$ . After 4 months A raises her share of investment by  $p\%$ . If the total profit after 12 months since the beginning of the partnership is Rs. 138584, and A gets Rs. 50864 as her share of profit, what is the value of  $p$ ?

- Ans
- 1. 60
  - 2. 75
  - 3. 62.5
  - 4. 67.5

**Q.7** On a particular day each of Danish, Ethan and Farhan sold three types of pens from their respective shops. Danish and Ethan sold an identical number of pens of Type A while Farhan sold  $\frac{3}{2}$  times as many pens of Type A as Danish and Ethan together sold. The ratio of the numbers of pens of Type B sold by Danish, Ethan and Farhan was 4 : 3 : 1 respectively, and Danish and Farhan sold an identical number of pens of Type C each, while Ethan sold  $\frac{5}{2}$  as many pens of Type C as each of Ethan and Farhan sold. The three sellers sold each of the types of pens at different prices per unit.

Assertion (A): It is possible that Danish sold each pen of Type A at a loss of Re 1, each pen of Type B at a profit of Rs 5, and each pen of Type C at a loss of Rs 3 and made an overall profit of Rs 114; Ethan sold each pen of Type A at a profit of Rs 4, each pen of Type B at a loss of Rs 3, and each pen of Type C at a profit of Rs 5 and made an overall profit of Rs 267; and Farhan sold each pen of Type A at a profit of Rs 8, each pen of Type B at a profit of Rs 5, and each pen of Type C at a loss of Rs 7 and made an overall profit of Rs 60.

Reason (R): Framing and solving the three possible linear equations we will find that we get a unique solution.

**Ans**  1. Assertion (A) is true and Reason (R) is false.

2.

Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of Assertion (A).

3. Assertion (A) is false and Reason (R) is true.

4.

Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A).

**Q.8** Find the positive square root of  $207 - 54\sqrt{6 + 4\sqrt{2}}$

**Ans**  1.  $9 - 3\sqrt{3}$

2.  $9 - 3\sqrt{2}$

3.  $9 - 2\sqrt{2}$

4.  $9 - 2\sqrt{3}$

**Q.9** From a cask filled with 867 litres of wine,  $y$  litres are first drawn and replaced with water. After the first replacement the ratio of wine and water in the cask, when expressed in the lowest form, is given as  $a : b$ . From this mixture  $y$  litres are drawn and replaced with water. The ratio of wine to water in the cask after the second replacement, when expressed in the lowest form, is given as 169 : 120. Find the value of  $(y + a + b)$ .

**Ans**  1. 224

2. 220

3. 222

4. 221

**Q.10** P and Q can do a job in 90 days, Q and R can do it in 112.5 days, while P and R can do it in 150 days. X is five times as efficient as P, Y is two-thirds as efficient as Q, and Z is 2.5 times as efficient as R. Determine the number of days required to complete the same job if X, Y and Z work together.

**Ans**  1.  $31\frac{3}{29}$

2.  $31\frac{1}{29}$

3.  $30\frac{28}{29}$

4.  $31\frac{2}{29}$

**Q.11** In an election, Candidate A received 27% of the votes, and Candidate B received 73% of the votes. If the difference in their votes was 1380, find the total number of votes.

- Ans**
- 1. 2500
  - 2. 3000
  - 3. 2900
  - 4. 3700

**Q.12** On the sale of a certain item a shopkeeper offered two successive discounts such that in percentage terms the second discount was only  $\frac{1}{n}$ th of the first. If the overall discount was  $p\%$  of the marked price of the item, then the selling price of the item after applying only the first discount was Rs  $y$  and the marked price of the item was Rs  $x$ .

Which one of the following is correct in respect of the Question and the Statements given below?

Statement 1: The values of  $n$ ,  $p$ ,  $y$  and  $x$  are respectively given as 3, 15.52, 8900 and 10000.

Statement 2: The values of  $n$ ,  $p$ ,  $y$  and  $x$  are respectively given as 4, 21.69, 12730 and 15500.

- Ans**
- 1. Only Statement 2 is feasible.
  - 2. Only Statement 1 is feasible.
  - 3. Neither of the two statements is feasible.
  - 4. Both Statements are feasible.

**Q.13** The Product of two whole numbers is 1083 and their HCF is 19. Find the LCM.

- Ans**
- 1. 57
  - 2. 19
  - 3. 1083
  - 4. 38

**Q.14** If  $w_1$  is the weight with cargo of a ship of length  $l_1$ , and  $w_2$  and  $w_3$  are the corresponding weights of ships having lengths  $l_2$  and  $l_3$  respectively, then

$$\left\{ \frac{w_1}{l_1^2} \right\} (l_2 - l_3) + \left\{ \frac{w_2}{l_2^2} \right\} (l_3 - l_1) + \left\{ \frac{w_3}{l_3^2} \right\} (l_1 - l_2) = 0.$$

Which one of the following is correct in respect of the Question and the Statements given below?

Statement 1: The weight of an empty ship varies as the square of the length of the ship.

Statement 2: The weight of the ship's cargo varies as the cube of the length of the ship.

Statement 3: The weight of the ship with cargo varies as the sixth power of the length of the ship.

- Ans**
- 1. Statement 1 and Statement 3 taken together are sufficient.
  - 2. All the three statements together need to be true for sufficiency,
  - 3. Statement 1 and Statement 2 taken together are sufficient.
  - 4. Statement 2 and Statement 3 taken together are sufficient.

Q.15 If the radius of a circle is decreased by 15%. By what percent area of the circle decrease?

- Ans
- 1. 35.5%
  - 2. 27.75%
  - 3. 25.25%
  - 4. 20.5%

Q.16 Daya is 5 times as old as his son. Six years hence the sum of their ages will be 72 years. What is the present age of Daya's son?

- Ans
- 1. 8 years
  - 2. 10 years
  - 3. 5 years
  - 4. 13 years

Q.17 Find the difference between CI and SI on ₹ 28,000, at 20% per annum, compounded half-yearly for 1 year.

- Ans
- 1. ₹250
  - 2. ₹270
  - 3. ₹280
  - 4. ₹300

Q.18 A certain sum of money amounts to  $\frac{13}{5}$  of itself in 10 years on simple interest. What is the rate of interest per annum?

- Ans
- 1. 16%
  - 2. 17%
  - 3. 15%
  - 4. 18%

Q.19  $(x, y)$  is a pair of positive integers such that  $\text{LCM}(x, y) - \text{HCF}(x, y) = 143$  and  $x > y$ .

Which one of the following is correct in respect of the Question and the Statements given below?

Statement 1: There are three possible values of HCF  $(x, y)$ .

Statement 2: The minimum value of  $(x - y)$  is 7.

Statement 3: There are 6 pairs of  $(x, y)$  that satisfy the given conditions.

- Ans
- 1. Only Statements 1 and 2 are correct.
  - 2. All three statements are correct.
  - 3. Statements 1 and 3 are correct but Statement 2 is incorrect.
  - 4. Statement 1 is incorrect but Statements 2 and 3 are correct.

Q.20 An item costing ₹ 1640 is being sold at a 15% loss. If the price is further reduced by 40%, then find the selling price.

- Ans
- 1. ₹1073.2
  - 2. ₹836.4
  - 3. ₹756.2
  - 4. ₹665.8

Q.1 If A denotes 'addition', B denotes 'multiplication', C denotes 'subtraction', and D denotes 'division', then what will be the value of the following equation?

$$37 \text{ A } 2 \text{ B } 70 \text{ C } 189 \text{ D } 7 = ?$$

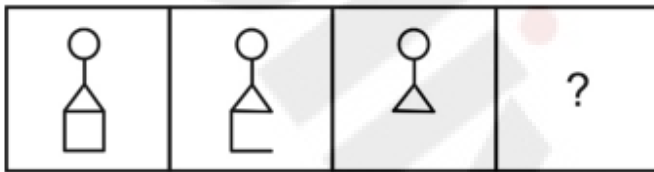
- Ans
- 1. 130
  - 2. 110
  - 3. 150
  - 4. 140

Q.2 Select the wrong term in the given alpha-numeric series.

H25U, I30T, J35S, K40R, L45P

- Ans
- 1. K40R
  - 2. L45P
  - 3. H25U
  - 4. I30T

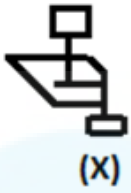
Q.3 Select the figure that will replace the question mark (?) in the following figure series.



Ans

- 1.
- 2.
- 3.
- 4.

Q.4 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Q.5 In a college, 66 students enjoy rock music, 62 enjoy pop music, 58 enjoy jazz music, 16 enjoy both rock and pop music, 27 enjoy both pop and jazz music, and 13 enjoy both jazz and rock music. No one enjoys all three music. Find how many enjoy at least one type of music.

Ans ✗ 1. 140

✗ 2. 110

✗ 3. 120

✓ 4. 130

Q.6 Arrange the words in a meaningful logical order and select the appropriate sequence :

1. Toddlerhood
2. Adulthood
3. Infancy
4. Childhood
5. Old age

Ans ✗ 1. 31452

✓ 2. 31425

✗ 3. 34125

✗ 4. 34152



Q.7 Read the following information carefully and answer the question that follows.

Statement – Domestic investment is very less in Country-A despite having good savings rate. The saved resources need to be mobilized such that the locked resources are freed up for right investments. Some people here are investing in less productive assets like consumer durables and gold. As per the recommendations of experts, if the Country-A needs to grow, there should be more investments in other productive more beneficial sectors such as agriculture, manufacturing or services.

You must assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the course of actions logically follow for pursuing.

A. People residing in Country-A should be asked to keep their savings to themselves and should not rely on any of the investment options in this difficult time.

B. People in Country-A should be made aware about various investment options so that they can invest in ways which are more productive and provide more returns.

C. People should be discouraged to put their investments in sectors such as agriculture, manufacturing or services sector as per the experts' recommendations.

D. Any sort of foreign direct investment should not be allowed in the times where domestic investments are fairly low.

Ans  1. Only A, C and D

2. Only B and C

3. Only B

4. Only D

Q.8 In a certain code language, 'FIXTURE' is written as '42737', and 'TORMENT' is written as '281442'. Which of the following are correct matches as per the given code language?

WORD	CODE
(i) PROGRAM	(W) 322049
(ii) JANITOR	(X) 422429
(iii) FULCRUM	(Y) 251843

Ans  1. i-W, ii-Y, iii-X only

2. i-W, iii-X only

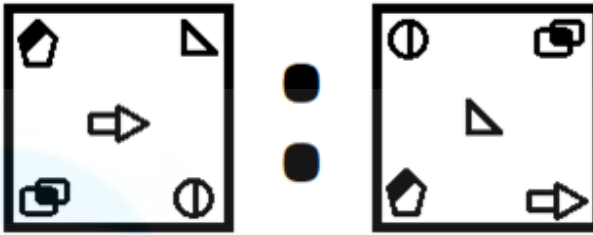
3. i-Y, ii-W, iii-X only

4. iii-X only

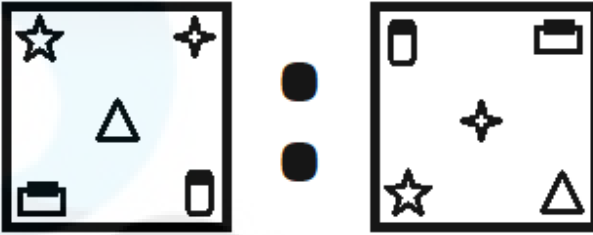
Q.9 Three of the following four figure pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

Ans

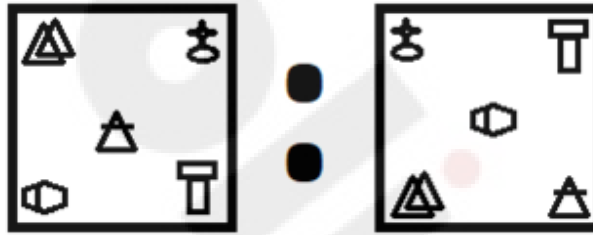
✗ 1.



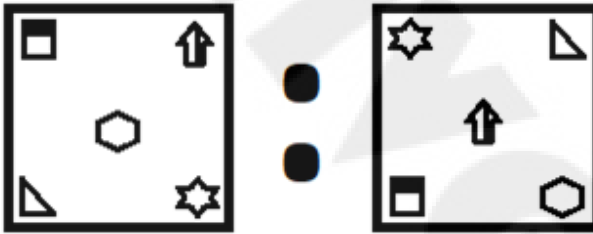
✗ 2.



✓ 3.



✗ 4.



Q.10 Six persons named P, Q, R, S, U and V are sitting in a straight line, all facing north direction. Each one of them belongs to one of six different cities i.e. Chennai, Delhi, Kolkata, Mumbai, Shimla and Surat. The person from Kolkata is third to the left of the person from Surat. U is to the immediate right of the person from Surat. R is second to the left of P. P is from Chennai. S is from Mumbai. S is third to the right of R. P is NOT the immediate neighbour of U. R is NOT from Shimla. Q is third to the right of V.

Which of the following is/are true based on the given arrangement?

- I. The person from Chennai is second to the right of the person from Shimla.
- II. Q is sitting second to right of P.
- III. The person from Delhi is third to the left of the person from Mumbai.

Ans

✗ 1. Only I and III is true

✓ 2. Only II and III are true

✗ 3. All I, II and III are true

✗ 4. Only I and II are true

Q.11 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(25, 75, 200)

(36, 24, 240)

Ans

✓ 1. (49, 50, 393)

✗ 2. (35, 45, 185)

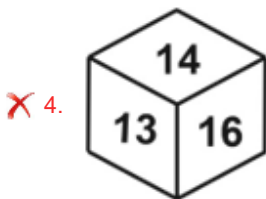
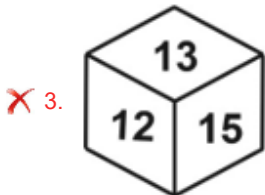
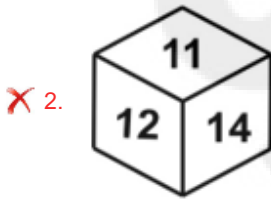
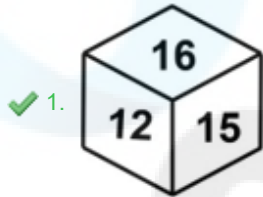
✗ 3. (16, 18, 98)

✗ 4. (64, 55, 457)

Q.12 Select the die which cannot be formed on folding the given sheet.



Ans



Q.13 In a line, Jaya ranks 84 from the bottom while there are 85 girls in the class. What is Jaya's rank from the top?

Ans ✓ 1. 2

✗ 2. 5

✗ 3. 4

✗ 4. 3

Q.14 Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statement I: All brinjal are potatoes.

Statement II: Some potatoes are not tomatoes.

Statement III: Some tomatoes are carrots.

Conclusion I: Some tomatoes are not carrots.

Conclusion II: Some potatoes are tomatoes.

Ans ✓ 1. Neither conclusion I nor II follows

✗ 2. Only conclusion II follows

✗ 3. Only conclusion I follows

✗ 4. Both conclusions I and II follow

**Q.15** In a family, there are six members named K, L, M, N, O and P. N's age is three times the age of L. The age of O is equal to the total age of L and M. P's age is equal to the total age of K and N. K's age is half the age of M. P is one year elder than O. The sum of the ages of K and M is 45 years. The sum of ages of N and L is 32 years.

Which of the following is true based on the given information?

- I. The age of P is 41 years.
- II. O is 21 years elder than K.

- Ans**
- 1. Both I and II
  - 2. Only I
  - 3. Neither I nor II
  - 4. Only II

**Q.16** Four letter clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter cluster.

- Ans**
- 1. PT
  - 2. AD
  - 3. HK
  - 4. JM

**Q.17** A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient/necessary to answer the question. Read both the statements and decide the appropriate answer.

Question: How is Prateek related to Chitra?

(I) Pointing to the photograph of Prateek, Yami said, 'he is the son of my mother Chitra's husband Sawan's father's wife Rashmi'.

(II) Pointing to the photograph of Chitra, Vritti said, 'she is my paternal grandfather's son's wife'. Prateek is Rashmi's son.

- Ans**
- 1. Data in statements I and II together are necessary to answer the question.
  - 2. Data in statements I and II together are NOT sufficient to answer the question
  - 3. Data in Statement I alone is sufficient to answer the question while data in statement II is not
  - 4. Data in Statement II alone is sufficient to answer the question while data in statement I is not

**Q.18** Select the wrong term in the following number series:

6, 12, 48, 382, 6144

- Ans**
- 1. 48
  - 2. 12
  - 3. 382
  - 4. 6144

**Q.19** 'A = B' means 'A is the mother of B'  
'A @ B' means 'A is the brother of B'  
'A % B' means 'A is the husband of B'  
'A & B' means 'A is the father of B'

Based on the above information, find out which of the given statements can be the reason/s behind the assertion made below if it is given that 'V @ D % R = C @ N.

Assertion: W's mother is wife of D's brother?

Reason A : V % L

Reason B : W @ T

- Ans**
- 1. Only B is the reason behind the assertion
  - 2. Both A and B are reasons behind the assertion
  - 3. Only A is the reason behind the assertion
  - 4. Neither A nor B is the reason behind the assertion

Q.20 MISTER-8 is related to UHWVLP--88 in a certain way based on certain logic. In the same way, FIXING-16 is related to JQLALI-272. Which of the following are correct matches following the same logic?

i. CEMENT-10	(W) KWQLOT-360
ii. PLINTH-18	(X) QHGUDJ-210
iii. GARDEN-20	(Y) WHFXDI-696
iv. FAUCET-24	(Z) WQHPHG-150

- Ans
- 1. ii-W, iv-Y only
  - 2. iv-Y only
  - 3. iii-Z only
  - 4. ii-X, iii-Y only

Section : English

Q.1 There is a sentence that is missing in the paragraph below. Look at the paragraph and decide in which blank (1, 2, 3, or 4) the following sentence would best fit.

Sentence: Internet addiction is a modern affliction spreading wide as our society becomes increasingly dependent on it. The US and China have started rehabilitation centres for compulsive users of the internet and even India must consider proactive measures with regard to this problem. \_\_\_\_1\_\_\_\_. It is no longer a mere medium of communication but is evolving into a virtual reality. \_\_\_\_2\_\_\_\_. Neuropsychiatric opinion holds that internet addiction is like substance abuse. \_\_\_\_3\_\_\_\_ It thrives on instant gratification and can cause behavioral alterations. \_\_\_\_4\_\_\_\_

- Ans
- 1. Blank 2
  - 2. Blank 1
  - 3. Blank 3
  - 4. Blank 4

Q.2 The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

The museum was built in 1972, although/ the chief's home and store (the museum's main attractions)/ remained closed because for their fragility.

- Ans
- 1. The museum was built in 1972, although
  - 2. the chief's home and store (the museum's main attractions)
  - 3. remained closed because for their fragility.
  - 4. No error

Q.3 Select the correct conclusion based on the meaning of the underlined word:

Statement: Her last novel was published posthumously.

- i. She portrayed the protagonist of her novel as a pessimistic character struggling with depression.
- ii. She could not enjoy the appreciation that her novel received as it was published after her death.
- iii. She was awarded the highest honour and felicitated for her great piece of writing.
- iv. Her novel became a best seller and she became famous overnight.

- Ans
- 1. only i is correct
  - 2. both i and iv are correct
  - 3. both iii and iv are correct
  - 4. only ii is correct

Q.4 In the following passage there are blanks, each of which has been numbered. Select the correct option to fill in the blanks.

The volcano had been inactive for centuries. There was little warning of the coming \_\_\_\_1\_\_\_\_, although one account by archaeologists \_\_\_\_2\_\_\_\_ that a hard rain and a strong wind had disturbed the \_\_\_\_3\_\_\_\_ calm during the preceding night. Early the next morning, the volcano poured a huge river of \_\_\_\_4\_\_\_\_ rock down upon Herculaneum, completely burying the city and filling the harbor with \_\_\_\_5\_\_\_\_ lava.

- Ans
- 1. 1-explosion, 2-revealed, 3-heavenly, 4-liquid, 5-conjoined
  - 2. 1- eruption, 2- unearthed, 3- celestial, 4- molten, 5- coagulated
  - 3. 1-outburst, 2-detected, 3-supernatural, 4-fused, 5- concrete
  - 4. 1-outbreak, 2-identified, 3-eternal, 4-smelted, 5- coherent

Q.5 Arrange the given sentences (1-6) in the correct order to form a coherent paragraph.

1. Porsena, the King of the Etruscans, had raised a great army and was marching toward Rome.
2. Then, one morning the army of Porsena was seen coming over the hills from the north.
3. The Romans did not have very many soldiers at that time, and they knew that they were not strong enough to meet the Etruscans in open battle.
4. There was once, a war between the Roman people and the Etruscans who lived in the towns on the other side of the Tiber River.
5. So they kept themselves inside their walls and set guards to watch the roads.
6. The city of Rome had never been in such great danger before.

- Ans
- 1. 135624
  - 2. 612543
  - 3. 315462
  - 4. 461352

Q.6 Select the correct conclusion based on the meaning of the underlined word:

Statement: He has been a somnambulist since childhood.

- i. He entertains people by speaking without moving his lips as if the voice is coming from somewhere else.
- ii. He walks around in his sleep, unaware of himself and his surroundings.
- iii. He is an expert in soil management and field crop production.
- iv. He is a reformer who works to achieve social or political change.

- Ans
- 1. ii is correct
  - 2. iv is correct
  - 3. iii is correct
  - 4. i is correct

Q.7 Four sentences are given below. Find the odd sentence out.

- A. An unsettled society is antagonistic to creative liberty.
- B. Creativity requires freedom to flow and express itself but it is often curtailed by politico-religious authorities.
- C. Peaceful times always see proliferation in artistic and scientific works.
- D. The creative individual is being controlled through fear and restriction by policing forces.

- Ans
- 1. sentence B
  - 2. sentence A
  - 3. sentence C
  - 4. sentence D

Q.8 The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

As both a novelist and/ an university lecturer,/ she has two strings to her bow.

- Ans
- 1. an university lecturer,
  - 2. No error
  - 3. she has two strings to her bow.
  - 4. As both a novelist and

Q.9 The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

But perhaps Governor Clinton's most/ remarkable achievement will have been/ brought to an end the Reagan-Bush years.

- Ans
- 1. No error
  - 2. brought to an end the Reagan-Bush years.
  - 3. But perhaps Governor Clinton's most
  - 4. remarkable achievement will have been

Q.10 Match the following groups of words with the correct one-word substitutions.

phrase	one-word substitution
1. study of languages	a. psephology
2. study of handwriting	b. philology
3. study of election trends	c. theology
4. study of religion	d. graphology

- Ans
- 1. 1-c, 2-a, 3-b, 4-d
  - 2. 1-b, 2-d, 3-a, 4-c
  - 3. 1-a, 2-c, 3-d, 4-b
  - 4. 1-d, 2-b, 3-c, 4-a

Q.11 Select the word that is opposite in meaning (ANTONYM) to the word given below.

Recalcitrant

- Ans
- 1. Halt
  - 2. Impede
  - 3. Amenable
  - 4. Supress

Q.12 The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

For a fortnight, toddlers at St Andrew's had been/ busy committed rhymes to memory/ in preparation for their big performance.

- Ans
- 1. For a fortnight, toddlers at St Andrew's had been
  - 2. busy committed rhymes to memory
  - 3. No error
  - 4. in preparation for their big performance.

Q.13 Match the following groups of words with the correct one-word substitutions.

phrase	one-word substitution
1. murder of a whole community or race	a. fratricide
2. murder of one's brother or sister	b. celibacy
3. the state of remaining unmarried	c. supremacy
4. the state of being the most powerful	d. genocide

- Ans
- 1. 1-d, 2-a, 3-b, 4-c
  - 2. 1-c, 2-b, 3-d, 4-a
  - 3. 1-a, 2-d, 3-c, 4-b
  - 4. 1-b, 2-c, 3-a, 4-d

Q.14 Which of the following statements correctly uses the idiom 'at the eleventh hour' by substituting the underlined words?

- A. While organizing the event, we realized that we were running short of time.
- B. The runner in the third place overtook the ones ahead of him at the last moment and won the race.
- C. She believes in planning meticulously well in advance so that there is no exigency later.
- D. He disturbed me late at night to inform me of his appointment as the Commissioner.

- Ans
- 1. Both B and C are correct
  - 2. Both A and C are correct
  - 3. Only B is correct
  - 4. Only D is correct

**Q.15** Select the correct conclusion based on the meaning of the underlined idiom:

The boy exulted in the success of his petty thefts but the Argus-eyed mother knew it all.

- i. The boy was clever enough to take a little money at a time so that his mother never noticed it.
- ii. The mother looked at her boy with such love and compassion that he regretted his actions.
- iii. The mother was extremely vigilant and caught the boy red handed one day.
- iv. The doting mother failed to see the faults of her boy and he became bolder in his acts.

- Ans**
- 1. only iv is correct
  - 2. both ii and iv are correct
  - 3. only iii is correct
  - 4. both i and ii are correct

**Q.16** Select the word that is closest in meaning (SYNONYM) to the word given below

**Entropy**

- Ans**
- 1. Decay
  - 2. Ineptness
  - 3. Futility
  - 4. Efficiency

**Q.17** Select the most appropriate meaning of the given proverb from the options

**The grass is always greener on the other side**

- Ans**
- 1. If you're trying to convince someone of something, words and ideas are stronger than using physical force (common in politics)
  - 2. People always want what they don't have
  - 3. Nothing is free. Even the things that are free have a hidden cost
  - 4. Your home is the most comfortable place in the world

**Q.18** Select the most appropriate meaning of the given idiom

**In the heat of the moment**

- Ans**
- 1. Approximately, almost, somewhat, to a certain degree
  - 2. To have something secured
  - 3. Overwhelmed by what is happening in the moment
  - 4. Under firm control, well managed

**Q.19** Select the word that is closest in meaning (SYNONYM) to the word given below

**Infinitesimal**

- Ans**
- 1. Unabashed
  - 2. Insignificant
  - 3. Gallant
  - 4. Bold



**Q.20** Some parts of a sentence have been jumbled up, and labelled P, Q, R and S. Select the option that gives the correct sequence in which these parts can be rearranged to form a meaningful and grammatically correct paragraph. Opening and Closing sentence indicate the start of the paragraph and end of the sentence paragraph.

**Opening Sentence:** The bustling city of Tokyo is not only the capital of Japan but also a global metropolis known for its innovation and technology.

**P.** Tokyo's journey into modernity is closely tied to its rise as an economic powerhouse, marked by the post-World War II era when the city rapidly transformed.

**Q.** Skyscrapers dot the skyline, reflecting the city's economic prosperity and architectural prowess.

**R.** In the aftermath of World War II, Tokyo emerged as a symbol of resilience, rebuilding itself into a vibrant hub of commerce and culture.

**S.** Despite the city's technological advances, traditional elements such as Shinto shrines and cherry blossoms remain integral to Tokyo's identity.

**Closing Sentence:** Today, Tokyo stands as a captivating blend of tradition and modernity, drawing visitors from around the world.

- Ans**
- 1. RPSQ
  - 2. RQPS
  - 3. PRQS
  - 4. SPQR

# INTELLIGENCE BUREAU

(Ministry of Home Affairs)

Government of India

Test Center Name	R K Digital Computer Centre 2
Test Date	18/01/2024
Test Time	8:30 AM - 9:30 AM
Subject	IB ACIO II Exe

## Section : Current Affairs

**Q.1** Who has launched a channel-based counseling initiative titled 'Swayam Prabha' in the Manipuri language in November 2023?

- Ans**
- 1. CBSE
  - 2. NCERT
  - 3. IGNOU
  - 4. Board of Secondary Education, Manipur

**Q.2** Who is central vigilance commissioner in as of November 2023?

- Ans**
- 1. Dr. Sarthak Sarangi
  - 2. Dr. Umashankar Dash
  - 3. Shri Brijesh Kumar Rai
  - 4. Praveen Kumar Srivastava

**Q.3** Which of the following statements is/ are CORRECT regarding Menstrual and maternity leaves for girl students in all universities in Kerala?

1. The Higher Education Department issued an order in January 2023 granting menstrual leave for students under all the higher education institutions in Kerala.
2. Girl students can now appear for their semester exams with 70 per cent attendance as against the 75 per cent mandated under the University Rules.
3. Cochin University of Science and Technology was the first to announce the groundbreaking gender -sensitive education reform.
4. The Higher Education Department also grants a pregnancy leave of 60 days maximum for all girl students above the age of 21.

- Ans**
- 1. 1,2, 3 and 4
  - 2. 1 and 4 only
  - 3. 1 and 3 only
  - 4. 2 and 3 only

**Q.4** What is the following statement is correct regarding world earth day 2023?

I. The theme of world earth day 2023 is Invest in Our Planet.

II. The Earth Day is celebrated on April 22 every year.

- Ans**
- 1. Only II
  - 2. Only I
  - 3. Neither I nor II
  - 4. Both I and II

**Q.5** Rajasthan govt announced new districts ahead of assembly polls. Which of the following is INCORRECT about this announcement?

1. Rajasthan chief minister announced the formation of three new districts on 6<sup>th</sup> October, 2023.
2. The three new districts are Malpura, Sujangarh, and Kuchaman City.
3. With the addition of the three districts, the total number of districts in the state has now reached 55.
4. This is the Third time the Gehlot-led Congress government has increased the number of districts in the state.

- Ans**
- 1. 2 and 4
  - 2. 1 and 2
  - 3. 3 and 4
  - 4. 1 and 3

**Q.6** Kanchan Devi was appointed as director general of Dehradun-based Indian Council of Forestry Research and Education (ICFRE) in December 2023. Which of the following statement is correct about Kanchan Devi?

I. Kanchan Devi is an IFS officer from the 1991 batch of the Madhya Pradesh cadre.

II. Before assuming this posting, Devi served as deputy director general (education) for the past four years at ICFRE.

- Ans**
- 1. Only II
  - 2. Neither I nor II
  - 3. Both I and II
  - 4. Only I

**Q.7** Consider the following statement about the Defence Acquisition Council. Identify the correct statement(s).

1. Raksha Mantri Shri Rajnath Singh on November 30, 2023, accorded approval in respect of Acceptance of Necessity (AoNs) for various Capital Acquisition Proposals amounting to Rs 2.23 lakh crore.
2. Acquisition worth Rs 2.20 lakh crore (98% of total AoN amount) will be sourced from domestic industries.

- Ans**
- 1. Neither 1 nor 2
  - 2. 1 only
  - 3. 2 only
  - 4. Both 1 and 2

**Q.8** With which of the following, Ministry of Defence, on March 29, 2023, signed contracts to give another boost to 'Aatmanirbharta' in defence?

1. two contracts with Bharat Electronics Limited (BEL), Ghaziabad
2. one contract with NewSpace India Limited (NSIL)
3. one contract with Bharat Dynamics Limited
4. one contract with Larsen & Toubro

- Ans**
- 1. 1 and 2 only
  - 2. 2 and 3 only
  - 3. 3 and 4 only
  - 4. 2,3 and 4 only

**Q.9** Which of the following statement is/are True about India's AstroSat?

1. In November 2023, India's AstroSat space telescope has detected over 600 Gamma-Ray Burst (GRB), marking the death of a massive star or merging of neutron stars.

2. The detection is a significant milestone, demonstrating the continued undiminished performance of the Cadmium Zinc Telluride Imager (CZTI) eight years after its launch.

- Ans**
- 1. 1 only
  - 2. Both 1 & 2
  - 3. Neither 1 nor 2
  - 4. 2 only

**Q.10** Which of the following statement is correct about Indian monsoon in 2023?

I. Despite a looming El Nino, the 2023 southwest monsoon season ended with rainfall deficit of just 5.6 per cent from normal.

II. The monsoon 2023 was classified as 'below normal' rains, the first in four years.

- Ans**
- 1. Neither I nor II
  - 2. Only I
  - 3. Both I and II
  - 4. Only II

**Q.11** Which of the following is/are True statements about Durand Cup Trophy Tour?

1. The tournament was scheduled to commence at Kolkata from 03 August with the finals on 03 Sep 2023.

2. Mohun Bagan won the 132<sup>nd</sup> Durand Cup, at Vivekananda Yuba Bharati Krirangan in Kolkata, Sunday, Sept. 3, 2023.

- Ans**
- 1. 2 only
  - 2. 1 only
  - 3. Neither 1 nor 2.
  - 4. Both 1 & 2

**Q.12** Which of the following statement is/are INCORRECT regarding Green Energy Corridor (GEC) Phase-II – Inter-State Transmission System (ISTS) for 13 GW Renewable Energy Project in Ladakh?

1. This project was approved On 18 October 2023.

2. The Cabinet Committee on Economic Affairs, chaired by the Hon'ble Prime Minister, Shri Narendra Modi approved this project.

3. The project is targeted to be set up by FY 2029-30 with total estimated cost of Rs.20,773.70 crore

4. The project will contribute to achieving the target of 500 GW of installed electricity capacity from non-fossil fuels by year 2050

- Ans**
- 1. 2 only
  - 2. 1 and 2 only
  - 3. 4 only
  - 4. 3 and 4 only

**Q.13** In November 2023, scientists have discovered a new species of 'music frog' in \_\_\_\_\_. The speciality of this new species of frog, "Nidirana noadihing", is that both the male and female are vocal.

- Ans**
- 1. USA
  - 2. India
  - 3. Russia
  - 4. China

- Q.14** As of November 2023, India set to launch its first X-Ray Polarimeter Satellite. Which organization will launch this satellite?
- Ans**
- 1. Indian Institute of Space Science and Technology (IIST)
  - 2. North-Eastern Space Applications Centre (NE-SAC)
  - 3. Defence Research and Development Organisation (DRDO)
  - 4. Indian Space Research Organisation (ISRO)

**Q.15** Which of the following statements are CORRECT about the Indian-Americans who were awarded US' Highest Scientific Award.

1. Two Indian-American scientists were in October 2023, honoured with the National Medals in the fields of science and technology by US President Joe Biden.
2. Dr Ashok Gadgil was conferred the National Medal for Technology and Innovation.
3. Dr Subra Suresh was awarded the National Medal of Science.
4. These medalists have made discoveries that enable life-saving medical treatments, help fight the Cancer.

- Ans**
- 1. 2,3 & 4 only
  - 2. 1 & 4 only
  - 3. 3 & 4 only
  - 4. 1,2 & 3 only

**Q.16** Which of the following statement is/are INCORRECT about the Delhi government's 'Green War Room'?

1. 'Green War Room' is the Delhi government's control centre to monitor air pollution and solve complaints.
2. Though the Green War Room functions round-the-year, the 24 × 7 monitoring started in December 2023.
3. People can report air pollution-related complaints to the Green War Room through the Green Delhi mobile application.

- Ans**
- 1. 1, 2 and 3
  - 2. 2 only
  - 3. 1 only
  - 4. 3 only

**Q.17** Which of the following statement is correct about International Museum Expo 2023?

- I. The International Museum Expo is being organised as part of Azadi ka Amrit Mahotsav, to celebrate the 47th International Museum Day (IMD).
- II. The IMD theme for this year is 'Museums, Sustainability and Well Being'.

- Ans**
- 1. Both I and II
  - 2. Only II
  - 3. Neither I nor II
  - 4. Only I

**Q.18** Indian cricket legend Sachin Tendulkar will start a new innings in August 2023 as the Election Commission of India's national icon for voter awareness and education. In this context which of the following statement is correct?

- I. The ECI would sign a memorandum of understanding with Tendulkar to be a voter awareness ambassador for three years.
- II. For the 2019 Lok Sabha elections, the ECI had drafted cricketer M.S. Dhoni, actor Aamir Khan and boxer Mary Kom as its national icons.

- Ans**
- 1. Neither I nor II
  - 2. Both I and II
  - 3. Only II
  - 4. Only I

**Q.19** On 18 September 2023, the World Heritage Committee, of UNESCO inscribed the Sacred Ensembles of the Hoysalas, on the List of World Heritage. It is now the \_\_\_\_\_ World Heritage Site in India.

- Ans**
- 1. 41st
  - 2. 42nd
  - 3. 44th
  - 4. 39th

**Q.20** The CGWB under the Ministry of Jal Shakti conducts regular monitoring and assessment of groundwater quality including ground water contamination of Arsenic and Fluoride.

Which of the following is/are CORRECT statement(s) about the above assessment?

1. Arsenic has been detected in groundwater in parts of 230 districts in 25 states in India.
2. Fluoride has been detected in groundwater in 469 districts in 27 states in India.
3. Union Minister of State for Jal Shakti Bishweswar Tudu informed the Rajya Sabha about Arsenic and Fluoride detection in groundwater on 4<sup>th</sup> December 2023.

- Ans**
- 1. 1 only
  - 2. 2 and 3 only
  - 3. 1,2 and 3
  - 4. 1 and 3 only

Section : General Studies

**Q.1** As per preamble of Indian constitution, India is a country which have which of the following nature/feature?

- I. Sovereign socialist only
- II. Sovereign socialist secular democratic republic

- Ans**
- 1. Only II
  - 2. Only I
  - 3. Both I and II
  - 4. Neither I nor II

**Q.2** Which of the following statements about United Nations Human Development Index INCORRECT?

1. The HDI is the harmonic mean of normalised indices for each of the three dimensions.
2. The health dimension is assessed by life expectancy at birth.
3. The education dimension is measured by mean of years of schooling for adults aged 21 years and more.
4. The standard of living dimension is measured by gross national income per capita.

- Ans**
- 1. 1 and 2
  - 2. 2 and 4
  - 3. 1 and 3
  - 4. 3 and 4

**Q.3** In the first phase of the green revolution (approximately mid 1960s up to mid-1970s), the use of HYV seeds was restricted to the more affluent in which of the following states?

I. Punjab

II. Andhra Pradesh

**Ans**  1. Neither I nor II

2. Only II

3. Both I and II

4. Only I

**Q.4** Which of the following statement is/are correct about Ministry of Panchayati Raj?

1. The Ministry of Panchayati Raj is a branch of the Government of India looking after the ongoing process of decentralisation and local governance in the States.

2. It was created in May 2004 and is headed by a minister of cabinet rank.

3. As of December 2023, it was headed by Shri Raman Kumar.

**Ans**  1. Only 2

2. Only 2 and 3

3. Only 1 and 2

4. Only 1

**Q.5** Which of the following has/have been added by the 92<sup>nd</sup> Amendment Act of 2003 as Scheduled Languages in the 8<sup>th</sup> Schedule of the Constitution of India?

1) Bodo

2) Dongri

3) Konkani

**Ans**  1. 1 only

2. 2 and 3 only

3. 1 and 2 only

4. 1 and 3 only

**Q.6** Match list I with list II.

LIST I	LIST II
A .The Calcutta Madrassa	1. Warren Hastings
B.The Asiatic Society of Bengal	2. William Jones
C.The Sanskrit College at Banaras	3. Jonathan Duncan

**Ans**  1. A-2, B-1 , C-3

2. A-2, B-3, C-1

3. A-3, B-1, C-2

4. A-1, B-2, C-3

**Q.7** The Buddha got enlightenment under which of the following tree?

- Ans**
- 1. Mango Tree
  - 2. Banyan Tree
  - 3. Peepal Tree
  - 4. Sal Tree

**Q.8** Which of the following statements about the Chief Election Commission are correct?

1. The Election Commission celebrated its Golden Jubilee in 2001.
2. It currently consists of Chief Election Commissioner and two Election Commissioners.
3. For the first time two additional Commissioners were appointed in 1993.
4. The President appoints Chief Election Commissioner and Election Commissioners and have tenure of six years or up to the age of 65 years, whichever is earlier.

- Ans**
- 1. Only 2 and 3
  - 2. Only 1, 3 and 4
  - 3. Only 1, 2 and 4
  - 4. Only 1 and 2

**Q.9** Match the following dams with the rivers they are built upon.

Dam	River
1. Jojawa Dam	A. Kabini River
2. Ravishankar Dam	B. Tapi River
3. Ukai Dam	C. Narmada River
4. Banasura Sagar Dam	D. Mahanadi River

- Ans**
- 1. 1-B, 2-C, 3-D, 4-A
  - 2. 1-C, 2-D, 3-B, 4-A
  - 3. 1-B, 2-A, 3-D, 4-C
  - 4. 1-D, 2-A, 3-C, 4-B

**Q.10** As per the information available on November 2023, which of the following statements is correct about the Tea Industry in India?

Statement 1: India is the largest producer of tea and second largest black tea producer globally.

Statement 2: The Assam Valley and Cachar are the two tea-producing regions in Assam.

Statement 3: The southern part of India produces about 17% of the country's total production.

- Ans**
- 1. Only 1
  - 2. Only 1 and 2
  - 3. 1, 2 and 3
  - 4. Only 2 and 3



**Q.11** Which of the following statement is correct about Malvikagnimitra?

I. It was compiled by kalidasa.

II. It describes Agnimitra, son of Pushyamitra, as belonging to the Baimbika kula and the Baudhayana Sruta Sutra represents the Baimbikayah as Kashyapas.

**Ans**  1. Neither I nor II

2. Only II

3. Both I and II

4. Only I

**Q.12** Which of the following state has Legislative Council as of December 2023?

**Ans**  1. Punjab

2. Uttar Pradesh

3. Uttarakhand

4. Goa

**Q.13** Which of the following statement is correct about natural resources?

I. Resources that are drawn from Nature and used without much modification are called natural resources.

II. Natural resources can be broadly categorized into renewable and non-renewable resources.

**Ans**  1. Only II

2. Both I and II

3. Neither I nor II

4. Only I

**Q.14** Which of the following is correct financial year of India?

**Ans**  1. 1 April to 31 March

2. 1 May to 30 April

3. 1 March to 28/29 February

4. 1 June to 31 May

**Q.15** Which of the following statement is correct about Humayun's Tomb?

I. This tomb, built in 1570, is of particular cultural significance as it was the first garden-tomb on the Indian subcontinent.

II. It inspired several major architectural innovations, culminating in the construction of the Taj Mahal.

**Ans**  1. Neither I nor II

2. Only II

3. Only I

4. Both I and II

Q.16 Delhi first became the capital of a kingdom under whom?

- Ans
- 1. Chauhans
  - 2. Tomara Rajputs
  - 3. Ghiyasuddin Balban
  - 4. Alauddin Khalji

Q.17 Jarawa tribes can be found majorly in which part of India?

- Ans
- 1. Kerala
  - 2. Madhya Pradesh
  - 3. Uttar Pradesh
  - 4. Andaman & Nicobar islands

Q.18 Rites pertaining to the stages of life are called samskaras. Match the Samskaras listed in List I with its true meaning mentioned in List II.

List I	List II
1.Nishkramanam	A.It is done at the beginning of the sacred thread ceremony
2.Chudakaranam	B.The rite of the tonsure ceremony
3.Vidhyarambam	C.To begin with the life of study
4.Upanayanam	D.Taking the child out of the house so that it may see the sun

- Ans
- 1. 1-D, 2-A, 3-C, 4-B
  - 2. 1-B, 2-A, 3-D, 4-C
  - 3. 1-D, 2-B, 3-A, 4-C
  - 4. 1-D, 2-A, 3-B, 4-C

Q.19 Which of the following indexes are used to calculate Human Development Index?

1. Life Expectancy Index
2. Education Index
3. NNI Index

- Ans
- 1. Only 1 and 2
  - 2. Only 1 and 3
  - 3. Only 3
  - 4. 1, 2 and 3

Q.20 In which order did the following Dynasties rule over Delhi?

1. Sayyid Dynasty
2. Lodi Dynasty
3. Tughluq Dynasty
4. Khalji Dynasty

- Ans
- 1. 1, 2, 3, 4
  - 2. 4, 3, 2, 1
  - 3. 1, 3, 2, 4
  - 4. 4, 3, 1, 2

Section : Numerical Aptitude

Q.1 A and B together can complete a certain work in 54 days. They work together for 12 days. The remaining work was completed by A, B and C together in 28 days. If the work done by B in 6 days is equal to the work done by C in 9 days, then A alone can complete two-thirds of the work in \_\_\_\_\_ days.

- Ans
- 1. 108
  - 2. 216
  - 3. 144
  - 4. 180

Q.2 A vessel contains a solution of acid and water in the ratio 5 : 7. When 9 litres of the solution are taken out and the vessel is filled with equal quantity of acid, the ratio of acid and water in the vessel becomes 9 : 7. How many litres of solution was there in the vessel, initially?

- Ans
- 1. 36
  - 2. 30
  - 3. 24
  - 4. 42

Q.3 27 percent of a number exceeds 13 percent of the same number by 56. What is the value of the number?

- Ans
- 1. 400
  - 2. 380
  - 3. 360
  - 4. 420

Q.4 The product of two consecutive even numbers is 1088. What is the difference of the larger number and the square of the smaller number?

- Ans
- 1. 768
  - 2. 990
  - 3. 1024
  - 4. 842

Q.5 The ratio of two numbers is 3 : 8. If the sum of both the numbers is 220, then what is the smaller number among both the numbers?

- Ans
- 1. 120
  - 2. 220
  - 3. 60
  - 4. 20

**Q.6** The smallest prime number that is a divisor of 17408 is 2 ( $17408 = 17 \times 2^{10}$ ). What is the sum of digits of the greatest prime number, which is a divisor of 17391?

- Ans**
- 1. 5
  - 2. 6
  - 3. 8
  - 4. 4

**Q.7** 20 percent of P's income is equal to 10 percent of Q's income and 10 percent of Q's income is equal to 20 percent of R's income. If R's income is ₹13000, then what is the total income of P, Q and R?

- Ans**
- 1. 78000
  - 2. 65000
  - 3. 52000
  - 4. 39000

**Q.8** The average weight of a class of 13 students is 60 kg. If 2 new students of weight 42 kg and 48 kg are added to the class, then what will be the new average weight of 15 students?

- Ans**
- 1. 58.5 kg
  - 2. 58 kg
  - 3. 61 kg
  - 4. 59 kg

**Q.9** A sum becomes 2.89 times of itself in 2 years when invested at compound interest (compounded annually). What is the annual rate of interest?

- Ans**
- 1. 80 percent
  - 2. 50 percent
  - 3. 40 percent
  - 4. 70 percent

**Q.10** The cost of item A is 40% more than that of item B and the cost of item B is 25% less than that of item C. The cost of A is decreased by 20%, while that of B and C are increased by 24% and 33%, respectively.

Statement I: The total new cost of items A, B and C is 24% less than the total initial cost of 2B and C.

Statement II: The total new cost of A and 2B is  $33\frac{1}{3}\%$  more than the total initial cost of A and B.

Which of the above statements is/are correct?

- Ans**
- 1. Neither I nor II
  - 2. Both I and II
  - 3. II only
  - 4. I only

**Q.11** A circular path is 800 m long. Beena and Arun run in opposite directions from the same point A on the path at the same time. They continue to run after they meet for the first time. Beena runs another  $53\frac{1}{3}$  seconds to arrive at A, while Arun runs another 2 minutes to get to point A.

Which of the following statements is/are correct?

Statement I: The speed of Beena is 6 m/sec.

Statement II: The ratio of the speeds of Arun and Beena is 2 : 3.

- Ans**
- 1. Neither I nor II
  - 2. I and II
  - 3. II only
  - 4. I only

**Q.12** A bus starts running with the initial speed of 6 km/hr and its speed increases every hour by certain amount. If it takes 14 hours to cover a distance of 630 km, then what will be hourly increment in the speed of bus?

- Ans**
- 1. 5 km/hr
  - 2. 10 km/hr
  - 3. 6 km/hr
  - 4. 5.2 km/hr

**Q.13** Select the option that is true regarding the following labelled Assertion (A) and Reason (R).

Assertion (A)	Reason (R)
The value of $\frac{[(3.9)^3 + 9 \times 1.3 \times 4.29 + 11.7 \times (1.1)^2 + 1.331]}{[1.23 \times 1.23 + 0.77(0.77 + 0.6 \times 4.1)]}$ Is 31.25.	Using $(a + b)^3 = a^3 + b^3 + 3ab(a + b)$ and $(x + y)^2 = x^2 + y^2 + 2xy$

- Ans**
- 1. A is true and R is false.
  - 2. Both A and R are true but R is not a correct explanation of A.
  - 3. Both A and R are true and R is a correct explanation of A.
  - 4. A is false and R is true.

**Q.14** The initial value of a car is ₹450000. The value of car depreciates by 40 percent of its initial value each year. What will be its value after 2 years?

- Ans**
- 1. 
  - 2. ₹162000
  - 3. ₹192000
  - 4. ₹184000

**Q.15** A question is given, followed by three statements labelled I, II and III. Identify which of the statements is/are sufficient to answer the question.

Question:

What is the value of  $(a - c)$ ?

Statements:

I.  $(a + b) : c = 8 : 3$  and  $a + b + c = 2772$

II.  $a : (a + c) = 2 : 5$

III.  $a : (b + c) = 34 : 43$

Ans  1. II and III

2. I and III only

3. I only

4. I and II or I and III

**Q.16** An article is marked  $x\%$  ( $0 < x < 40$ ) above its cost price. It is sold by giving  $\frac{x}{2}\%$  discount on its marked price. If there is a profit of  $10\frac{1}{2}\%$ , then what is the value of  $x$ ?

Ans  1. 35

2. 25

3. 30

4. 20

**Q.17** Consider all prime numbers between 1 and 100.

Which of the following statements is (are) correct?

a. A number that is one greater than a multiple of 5 has a unit digit 3 or 6.

b. The sum of all numbers which are one greater than a multiple of 5 is 215.

c. The sum of all numbers which are one greater than a multiple of 5 and also one greater than a multiple of 6 is 92.

Ans  1. a and b

2. b only

3. a and c

4. b and c

**Q.18** What is the value of  $15^3 - 12^3 - 27$ ?

Ans  1. 1540

2. 1340

3. 1620

4. 1480

**Q.19** If 75 percent of total articles are sold at a profit of 20 percent and remaining articles are sold at a loss of 20 percent, then what will be the overall profit percentage?

Ans  1. 10 percent

2. 12 percent

3. 8 percent

4. 5 percent

**Q.20** Total monthly income of A, B and C is ₹1,02,720. A, B and C save 20%, 10% and 25%, respectively of their incomes. If the ratio of their monthly expenditures is 3 : 4 : 5, then what is the sum (in ₹) of monthly incomes of A and C?

- Ans**
- 1. 56,250
  - 2. 60,000
  - 3. 61,875
  - 4. 72,000

Section : Reasoning and Logical Aptitude

**Q.1** In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Which numbers should replace X and Y so that the pattern followed by the two numbers on the left side of :: is same as that on the right side of :: ?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

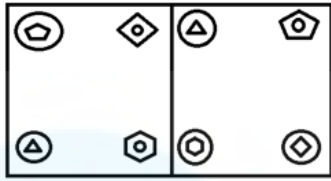
X : 729 :: 13 : Y

- Ans**
- 1. X=9, Y=1320
  - 2. X=11, Y=2132
  - 3. X=27, Y=1440
  - 4. X=9, Y=2197

**Q.2** Eight persons namely - Harsh, Khushi, Jay, Rohan, Ashwin, Palak, Jayesh and Nilamber live on separate floors of an eight-floor building in an apartment. Ground floor is numbered 1, first floor is numbered 2 and so on until the topmost floor which is numbered 8. Only two people live between Harsh and Khushi. Jayesh lives immediately above Rohan. Ashwin lives immediately above Jay. Ashwin lives above Nilamber. Palak lives on an odd-numbered floor. Only one person lives between Ashwin and Nilamber. Harsh lives on the floor numbered five. Khushi lives above Harsh. On which floor does Ashwin lives?

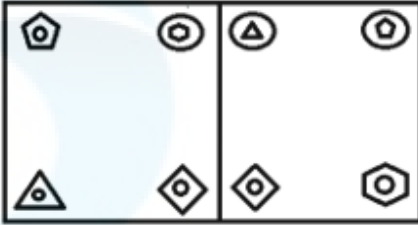
- Ans**
- 1. Jay
  - 2. Ashwin
  - 3. Jayesh
  - 4. Rohan

**Q.3** In this figure, first figure is related to second figure following a certain pattern. Choose from among the alternatives, the figure pair, in which the two figures are related following the same pattern.

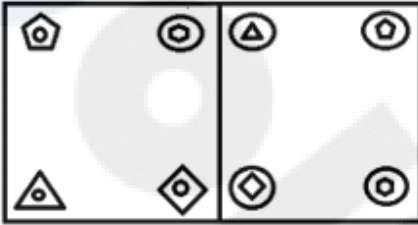


Ans

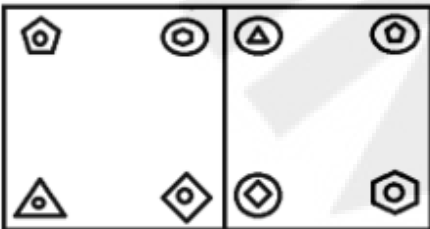
✗ 1.



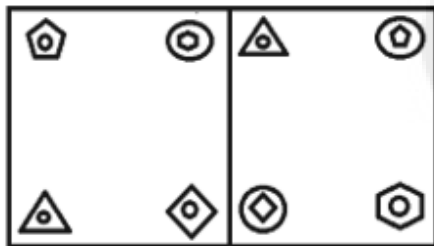
✗ 2.



✗ 3.

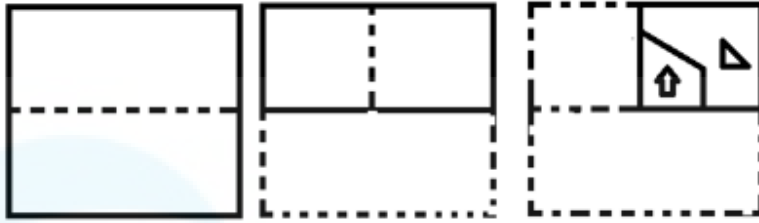


✓ 4.



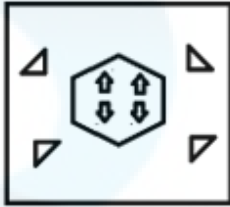


Q.4 A paper is folded and cut as shown below. How will it appear when unfolded?

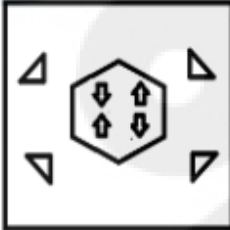


Ans

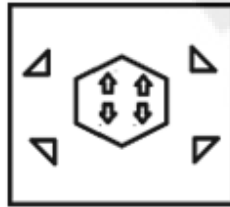
✗ 1.



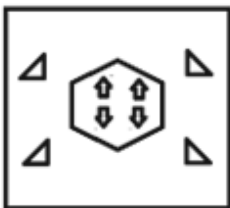
✗ 2.



✓ 3.



✗ 4.



Q.5 In the following question, four letter pairs are given. The letters on left side of (–) is related to the letters on the right side of (–) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

- Ans
- ✗ 1. RS – VO
  - ✗ 2. NS – RO
  - ✗ 3. RX – VT
  - ✓ 4. LH – PC

Q.6 After interchanging which two numbers, the value of the given equation will be '33'?

$$8 \div 2 - 5 + 6 \times 7$$

- Ans
- ✓ 1. 5 and 6
  - ✗ 2. 6 and 8
  - ✗ 3. 8 and 5
  - ✗ 4. 7 and 5

**Q.7** In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



**Ans**

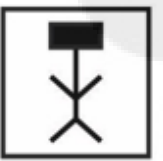
✓ 1.



✗ 2.



✗ 3.



✗ 4.



**Q.8** There are six friends Farhan, Anand, Chand, Sanjay, Maher, and Zaman each of different weight, 45, 56, 71, 65, 58 and 48(all in kg) but not necessarily in same order as follows

- Farhan is heavier than Zaman and Anand.
- Chand is heavier than Farhan but lighter than Sanjay.
- Zaman is heavier than only two friends.
- Anand is not lightest in all.

Which of the following statement is true based on the above information?

- Farhan weight is 56 kg.
- Zaman is third heaviest in all.

**Ans**

✓ 1. Neither I nor II

✗ 2. Only I

✗ 3. Only II

✗ 4. Both I and II

**Q.9** TREE is related to YXLM in a certain way based on the English alphabetical order. In the same way, GAME is related to LGTM. Which of the following are correct matches following the same logic?

(i)	RIDE	(W) BUYL
(ii)	HOPE	(X) MUWM
(iii)	WORD	(Y) WOKM
(iv)	FIVE	(Z) KOCM

**Ans** ✓ 1. i-Y, ii-X, iii-W, iv- Z only

✗ 2. iii-Y , i-W only

✗ 3. ii-W only

✗ 4. i-Y only

**Q.10** Read the following information carefully and answer the question that follows. You must assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the course of action not logically follow for pursuing.  
Statement:- The Earth's fever is rising, fueled by our carbon footprint. Extreme weather events, rising sea levels, and ecosystem disruptions are stark reminders of the urgency to act. From individual choices like sustainable transportation and energy conservation to collective efforts like policy changes and community initiatives, we must all become stewards of our planet.

**Ans** ✗ 1.

We should design and support projects that are adaptable to the impacts of climate change, ensuring sustainability and reducing vulnerability to extreme weather events.

✓ 2.

In recognizing the vital role of ecosystems in mitigating climate change, we should not pledge to support large-scale tree planting initiatives and conservation efforts.

✗ 3.

India should participate in global agreements and pushing for carbon pricing mechanisms, we should contribute to a unified, effective response to the climate crisis.

✗ 4.

Government should take responsibility of arranging for more waste disposal systems for these factories.

**Q.11** In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. No E are F.

II. Some G are F.

Conclusion:

I. All G are E.

II. No F is E.

**Ans** ✗ 1. Neither conclusion follows.

✗ 2. Both conclusions I and II follows.

✓ 3. Only conclusion II follows.

✗ 4. Only conclusion I follows.

**Q.12** In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. Some L are F.

II. Some F are B.

Conclusion:

I. No B is F.

II. Some L are B.

- Ans**
- 1. Only conclusion I follows.
  - 2. Neither conclusion follows.
  - 3. Both conclusions I and II follows.
  - 4. Only conclusion II follows.

**Q.13** There are seven persons Anmol, Fuzail, Raju, Enamul, Dinesh, Badal and Chaman each of different professions Lawyer, Judge, Police, Professor, Architect, Engineer and Doctor but not necessarily in same order, sitting in a row facing towards North direction as per the given information

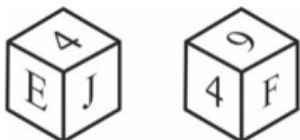
- There is no person is sitting to the left of Judge.
- Dinesh is sitting exactly in the middle of row.
- Raju is sitting third to the left of Chaman.
- Lawyer is sitting between Police and Anmol.
- Fuzail is a professor sitting to the one end of row.
- Badal is an engineer and Raju is a Lawyer.
- Dinesh is neither police nor lawyer.

Which of the following statement is / are true based on the given arrangement?

- I. Anmol is sitting to the left end of the row.
- II. Enamul is sitting third to the left of Badal.
- III. Doctor is sitting to the right of Chaman.

- Ans**
- 1. Only II is true.
  - 2. Only I is true.
  - 3. All I, II and III are true.
  - 4. Both I and II are true.

**Q.14** Two positions of a dice are given below. What will come on the face opposite to the face containing 'F' on it?



- Ans**
- 1. 9
  - 2. J
  - 3. E
  - 4. 4

**Q.15** In a certain code language, 'BRIEF' is written as 'SCHGF', and 'CHART' is written as 'IDZUS'. Which of the following are correct matches as per the given code language?

WORD	CODE
I. DANCE	(W) SGNUO
II. FRONT	(X) JOFUI
III. NIGHT	(Y) BEMFD

**Ans** ✓ 1. I-Y, II-W, III-X only

✗ 2. I-X, II-W only

✗ 3. I-X only

✗ 4. III-Y, I-W only

**Q.16** X # Y means 'X is the brother of Y'  
X @ Y means 'X is the daughter of Y'  
X & Y means 'X is the husband of Y'  
X % Y means 'X is the wife of Y'

Based on the above information, find out which of the given statements can be the reason/s behind the assertion made below if it is given that 'A % B # C @ D'

Assertion: A is daughter in law of E

Reason A: D & E

Reason B: E @ F'

**Ans** ✓ 1. Only A is the reason behind the assertion

✗ 2. Neither A nor B is the reason behind the assertion

✗ 3. Both A and B are reasons behind the assertion

✗ 4. Only B is the reason behind the assertion

**Q.17** After arranging the given words according to dictionary order, which word will come at 'Third' position?

1. Petrol

2. Petrify

3. Pet

4. Petal

5. Petition

**Ans** ✗ 1. Petal

✗ 2. Petrol

✗ 3. Petrify

✓ 4. Petition

**Q.18** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

NIE, QLH, TOK, WRN, ?

**Ans** ✗ 1. YWQ

✗ 2. ZWQ

✗ 3. YXQ

✓ 4. ZUQ

Q.19 In the following question, select the missing number from the given series.

8, 33, 133, 533, 2133, ?

- Ans
- 1. 8545
  - 2. 8530
  - 3. 8600
  - 4. 8533

Q.20 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Q. Five children were administered psychological tests to know their intellectual levels. Which child is the most intelligent?

(I) The child A is less intelligent than the child B. The child C is less intelligent than the child D. .

(II) The child B is less intelligent than the child C and child A is more intelligent than the child E.

- Ans
- 1. Data in Statement II alone is sufficient to answer the question while data in statement I is not.
  - 2. Data in statements I and II together are NOT sufficient to answer the question.
  - 3. Data in Statement I alone is sufficient to answer the question while data in statement II is not .
  - 4. Data in statements I and II together are necessary to answer the question.

Section : English

Q.1 Identify the grammatically correct form of the given sentence.

Sentence: His dreams were on a grand scale; such, after all, are best possessions of youth.

I. His dreams were on a grand scale; such, after all, are the best possessions of youth.

II. His dreams were on an grand scale; such, after all, are the best possessions of youth.

- Ans
- 1. Neither I nor II is correct
  - 2. Only II is correct
  - 3. Both I and II are correct
  - 4. Only I is correct

Q.2 Which of the following statements uses the given idiom correctly?

(i) It is exciting to see the kangaroo court freely moving about in the zoo.

(ii) Many villages in India still organise a kangaroo court, which is unfortunate.

(iii) Those who conduct kangaroo courts will soon find themselves hounded by the law of the land.

- Ans
- 1. Only statements (i) and (iii)
  - 2. All the statements
  - 3. Only statements (i) and (ii)
  - 4. Only statements (ii) and (iii)

Q.3 Select the option in which the word 'alimony' is used correctly.

- Ans
- 1. The alimony war has been protracted since India's independence.
  - 2. The alimony payments to his two wives have left the cruel husband nearly a pauper.
  - 3. The fight for territorial alimony has been going on for a few years.
  - 4. The alimony between the two has not dwindled even after a decade.

Q.4 Select the correct conclusion based on the meaning of the underlined word.

Statement: I will only share this information if you keep it under your hat.

Conclusion:

I. If you will not discuss this information publicly.

II. If you will not use it for your own benefit.

III. If you will buy me a hat.

- Ans
- 1. Only conclusion II and III are correct
  - 2. Only conclusion III is correct
  - 3. Only conclusion I is correct
  - 4. Only conclusion II is correct

Q.5 A sentence is missing in the paragraph given below. Decide in which blank (i.e., 1, 2, 3 or 4) the following sentence would fit best.

Sentence:

From that tradition many of our intellectuals are visibly turning away.

Paragraph:

The word 'ancient' emphasises the fact that intellectual freedom is a deep-rooted tradition without which our characteristic western culture could only doubtfully exist. (1)\_\_\_\_. They have accepted the principle that a book should be published or suppressed, praised or damned, not on its merits but according to political expediency. (2)\_\_\_\_. And others who do not actually hold this view assent to it from sheer cowardice. But at least let us have no more nonsense about defending liberty against Fascism. (3)\_\_\_\_. If liberty means anything at all it means the right to tell people what they do not want to hear. (4)\_\_\_\_. The common people still vaguely subscribe to that doctrine and act on it. In our country, it is the liberals who fear liberty and the intellectuals who want to do dirt on the intellect: it is to draw attention to that fact that I have written this preface.

- Ans
- 1. Blank 3
  - 2. Blank 2
  - 3. Blank 4
  - 4. Blank 1

Q.6 The passage given below has numbered blanks. Choose the word that best fits Blank 1.

Over the past decade, the sunflower sea star has gone from a predator of the Pacific Ocean to nearing extinction. The Nature Conservancy estimates that 5.75 billion sunflower sea stars died over three years, a 94% global \_\_\_(1)\_\_. The cause, scientists say, is largely climate change and warming waters, \_\_\_(2)\_\_\_ by sea star wasting disease. Hope is slowly on the horizon. The Birch Aquarium at Scripps Institution of Oceanography near San Diego successfully \_\_\_(3)\_\_\_ three sunflower sea stars recently, the latest success story in a sprawling collaborative effort. TBA has five sunflower stars, one of the largest populations of sunflower stars in \_\_\_(4)\_\_\_ in California. But until recently it did not know their gender. To determine the sex, researchers induced spawning. After further testing, they can determine whether the \_\_\_(5)\_\_\_ could survive disease or parasites. Once that's done, the aquarium will be able to begin the fertilization process.

- Ans
- 1. Spurt
  - 2. Decline
  - 3. Fallout
  - 4. Increase

Q.7 A sentence is missing in the paragraph given below. Decide in which blank (i.e., 1, 2, 3 or 4) the following sentence would fit best.

Sentence:

When we consider the subject of style in general, we notice that there are great differences in this respect, among nations as well as among individuals.

Paragraph:

Style refers to the choice and arrangement of words and may be defined as the peculiar manner in which thought is expressed in language. (1)\_\_\_\_. Such differences as these may always be found. (2)\_\_\_\_. In Oriental literature great license is allowed to the imagination; in European it is held under stricter control. In Europe itself, there are strongly marked varieties of national taste. (3)\_\_\_\_. In every nation also, there is a distinctive style at different periods. (4)\_\_\_\_. Besides this, we have to consider the personal peculiarities of the individual author, which are so strikingly manifested that a man's writings have come to be considered as much a mark of himself as his face or figure.

- Ans
- 1. Blank 1
  - 2. Blank 4
  - 3. Blank 2
  - 4. Blank 3

Q.8 Identify the grammatically correct form of the given sentence.

Sentence: I have to read this so that I didn't get this speech wrong.

I. I have to read this so that I didn't got this speech wrong.

II. I am to read this so that I didn't got this speech wrong.

- Ans
- 1. Only I is correct
  - 2. Neither I nor II is correct
  - 3. Only II is correct
  - 4. Both I and II are correct

Q.9 Match the following words with their SYNONYMS.

	List I		List II
1	Corrupt	A	Direct
2	Candid	B	Profuse
3	Copious	C	Depraved

- Ans
- 1. 1-A, 2-B, 3-C
  - 2. 1-B, 2-A, 3-C
  - 3. 1-C, 2-A, 3-B
  - 4. 1-B, 2-C, 3-A

Q.10 Select the conclusion(s) that follow(s) based on the correct meaning of the word underlined in the following sentence.

Sentence:

Soft music has a soporific effect on human beings, according to various studies.

Conclusion:

- (i) Songs should be heard at a high volume for it to have any effect on us.
- (ii) Mothers sing lullabies to their children when they don't stop crying.
- (iii) Classical music is often used to calm the nerves of agitated minds.

- Ans
- 1. Only conclusion (i)
  - 2. Only conclusion (ii) and (iii)
  - 3. Only conclusion (ii)
  - 4. Only conclusion (i) and (iii)

Q.11 Identify the grammatically correct form of the given sentence.

Sentence: The makers of the film didn't wanted to talk about the fight that had took place yesterday.

I. The makers of the film refused to talk about the fight that happened yesterday.

II. The makers of the film didn't want to talk about the fight that happened yesterday.

III. The makers of the film didn't want to talk about the fight that took place yesterday.

- Ans
- 1. All I, II and III are correct
  - 2. Only II and III are correct
  - 3. Only III is correct
  - 4. Only I is correct



**Q.12** Select the option in which the word 'fastidious' is used correctly.

- Ans**
- 1. I wish he weren't as fastidious as he is made out to be as he often sidesteps the issues and digresses.
  - 2. Fastidious people are easy to please and you can get along with them with no difficulty.
  - 3. James is a fastidious editor and wouldn't easily approve of any copy that comes to his desk.
  - 4. Some teachers are so fastidious that they give high grades to almost everyone in class.

**Q.13** Four sentences are given as options. Choose the option that contains the odd sentence.

- Ans**
- 1. The answer lies in using digital resources intelligently.
  - 2. In the current educational context, students continue to struggle, and teachers feel burnt out.
  - 3. A 2021 study showed that 94% of teachers in the US feel open to using digital resources to enhance in-class instruction.
  - 4. Reading the newspaper daily should become a habit with students and teachers alike.

**Q.14** Identify the grammatically correct form of the given sentence.

Sentence: My father is not only intelligent, yet he also has a wide range of expertise.

I. My father is not only intelligent, but he also has a wide range of expertise.

II. My father is not intelligent only, also but he has a wide range of expertise.

III. My father is nor intelligent only, but also he has a wide range of expertise.

- Ans**
- 1. Only II is correct
  - 2. Only I is correct
  - 3. Only III is correct
  - 4. Only I and II are correct

**Q.15** The five sentences labelled (1, 2, 3, 4, 5) given in this question. The last sentence is fixed and others when properly sequenced, form a coherent paragraph. Each sentence is labelled with a number. Decide on the proper order for the sentences and choose the correct option.

1. Many might even question whether it is at all required since it is assumed that the landlord has insured his property.

2. However, this does not necessarily imply that the tenant's belongings if damaged or stolen from within the property will also be covered.

3. Renter's insurance is an insurance cover not many are aware of.

4. In such a time of crisis this policy comes to help.

5. Renters insurance can also offer coverage if someone gets injured in your rental home by taking care of their medical bills and can also protect you if the third party files a lawsuit against you for the injury.

- Ans**
- 1. 21345
  - 2. 31245
  - 3. 12543
  - 4. 41235

Q.16 Match the following words with their antonyms.

	List I		List II
1	Conflict	A	Permanent
2	Transient	B	Accord
3	Lament	C	Applause

- Ans
- ✓ 1. 1-B, 2-A, 3-C
  - ✗ 2. 1-B, 2-C, 3-A
  - ✗ 3. 1-A, 2-B, 3-C
  - ✗ 4. 1-C, 2-B, 3-A

Q.17 Match the following words with their SYNONYMS.

	List I		List II
1	Longing	A	Remission
2	Pardon	B	Denote
3	Signify	C	Yearning

- Ans
- ✓ 1. 1-C, 2-A, 3-B
  - ✗ 2. 1-A, 2-C, 3-B
  - ✗ 3. 1-A, 2-B, 3-C
  - ✗ 4. 1-B, 2-C, 3-A

Q.18 Select the conclusion(s) that follow(s) based on the correct meaning of the underlined segment in the given sentence.  
Sentence:  
There might be some issues to be sorted out, but it does not mean that we should throw the baby out with the bathwater.  
Conclusion:  
(i) For the sake of opposition, we should not reject a proposal outright because of our concerns over a few specifics.  
(ii) The bathwater should be clean, otherwise the baby will be sick.  
(iii) When a theory or an approach goes out of favour, we shift our loyalty completely towards the more fashionable one ignoring even the good aspects of the former.

- Ans
- ✗ 1. Only conclusion (ii)
  - ✗ 2. Only conclusion (i)
  - ✓ 3. Only conclusion (i) and (iii)
  - ✗ 4. Only Conclusion (iii)

Q.19 Select the correct conclusion based on the meaning of the underlined word.

Statement: She threw up the sponge after watching a female double her size as her opponent.

Conclusion:

- I. She forgot all her weaknesses and gave a good fight.
- II. She accepted her defeat.
- III. She abandoned the competition.

- Ans
- ✗ 1. Only conclusion I is correct
  - ✗ 2. Only conclusion III is correct
  - ✓ 3. Only conclusion II and III are correct
  - ✗ 4. Only conclusion I and II are correct

**Q.20** Select the correct conclusion based on the correct meaning of the word underlined in the following sentence.

**Statement:** The company received a subpoena for the next stage of the investigation.

**Conclusion:**

(i) The penal code needs to be amended to protect innocent victims from further humiliation.

(ii) The relevant documents were also ordered to be produced a week in advance.

(iii) It won't be wise for the company to ignore it as it might draw judicial wrath.

- Ans**
- 1. Both conclusion (i) and (iii) are correct
  - 2. Both conclusion (ii) and (iii) are correct
  - 3. Only conclusion (i) is correct
  - 4. Only conclusion (ii) is correct

# INTELLIGENCE BUREAU

(Ministry of Home Affairs)

Government of India

Test Center Name	R K Digital Computer Centre 2
Test Date	18/01/2024
Test Time	11:30 AM - 12:30 PM
Subject	IB ACIO II Exe

## Section : Current Affairs

**Q.1** Find the INCORRECT statement(s) about Exercise BRIGHT STAR-23?

1. The Indian Air Force contingent consisted of five MiG-29, two IL-78, two C-130 and two C-17 aircraft.
2. Personnel from the IAF's Garud Special Forces, as well as those from the Numbers 28, 77, 78 and 81 Squadrons participated in the exercise.
3. The IAF transport aircraft provided airlift to approximately 500 personnel from the Indian Army.

**Ans**  1. 1 and 3 only

2. 3 only

3. 1 only

4. 1,2 and 3

**Q.2** Which of the following statement is correct about New Global Financing Pact 2023?

I. The summit was co-organized by France, Barbados and India.

II. The objective of the summit is to set the foundations for a new global financing architecture beyond the Bretton Woods system to address climate change, biodiversity crisis and development challenges.

**Ans**  1. Only II

2. Neither I nor II

3. Both I and II

4. Only I

**Q.3** Which of the following is/are the CORRECT statements about Director General of the Indian Coast Guard ?

1. DG Rakesh Pal has been appointed as the 25th Director General of the Indian Coast Guard (ICG) in July 2023.

2. He has undergone professional specialization in Gunnery & Weapons System at Indian Naval School Dronacharya, Kochi.

3. He is an alumnus of the Indian Naval Academy and joined Indian Coast Guard in January 1989.

4. He holds the recognition of being the First Gunner of ICG.

**Ans**  1. 2,3 and 4 only

2. 1,2,3 and 4

3. 2 and 4 only

4. 3 and 1 only

Q.4 What is total fertility rate (children per woman) of India as per national family health survey 2019-21?

- Ans
- 1. 2.2
  - 2. 2.4
  - 3. 2.6
  - 4. 2.0

Q.5 Prime Minister Narendra Modi inaugurated 'Semicon India 2023', a premier for the showcase of which of the following on July 28 2023?

- Ans
- 1. IT power
  - 2. Sustainable solar power production
  - 3. Advancement in Communication sector
  - 4. Semiconductor capabilities and chip design

Q.6 Which of the following statement is INCORRECT about inauguration of Assisted Reproductive Technology (ART) in Goa in 2023?

1. Chief Minister Dr. Pramod Sawant inaugurated the Assisted Reproductive Technology (ART) and Intrauterine Insemination (IUI)/In Vitro Fertilization (IVF) Centre on August 14, 2023.
2. Goa Medical College became the second government hospital in the country to provide such comprehensive IVF services.
3. The event held at Taj Convention Centre, Dona-Paula.
4. IVF services are paid one commencing from 1st September at the Goa Medical College & Hospital (GMC)

- Ans
- 1. 3 and 4 only
  - 2. 1 and 2 only
  - 3. 4 and 2 only
  - 4. 1 and 3 only

Q.7 Which statement of the following is/are INCORRECT about the 2023 Plastic Overshoot report by Swiss-based research consultancy Earth Action (EA)?

1. Overshoot Day for India, or the date when the amount of plastic waste outweighed the country's ability to manage it, was January 6 2023.
2. India is among the 10 countries which are responsible for 52 per cent of the world's mismanaged plastic waste as per EA's report.
3. India ranks 9<sup>th</sup> in the Mismanaged Waste Index (MWI), with 98.55 per cent of generated waste being mismanaged.

- Ans
- 1. 1 and 3 only
  - 2. 2 only
  - 3. 3 only
  - 4. 2 and 3 only

Q.8 As per fifth World Air Quality Report prepared by IQ Air based on the annual average level of pollutant PM2.5 in air in 2023, which of the following statement is correct?

- I. A total of 39 Indian cities featured on the list of world's 50 most polluted cities.
- II. The national capital 'New Delhi' is in top 10 polluted city.

- Ans
- 1. Neither I nor II
  - 2. Both I and II
  - 3. Only I
  - 4. Only II

**Q.9** The government of India has decided to rename the Ayushman Bharat-Health and Wellness Centers as \_\_\_\_\_ and the Union Health Ministry has sent a letter to the states and Union territories to implement the rebranding exercise by end of 2023.

- Ans**
- 1. Ayushman Arogya Sansthan
  - 2. Ayushman Arogya Kendra
  - 3. Ayushman Arogya Mandir
  - 4. Ayushman Arogya Bhawan

**Q.10** In 2023, Prime Minister Narendra Modi, on the occasion of which of the following day paid tributes to Chhatrapati Shivaji Maharaj, and unveiled a grand statue of the 17th century Maratha king at the coastal fort of Sindhugarh, Maharashtra?

- Ans**
- 1. Nonviolence day
  - 2. Republic day
  - 3. Independence day
  - 4. Navy day

**Q.11** Which of the following is/ are CORRECT about Global Conference on Digital Health held in March 2023?

1. Dr Mansukh Mandaviya addressed Global Conference on Digital Health themed 'Taking Universal Health Coverage to the last Citizen'.
2. This conference was a co-branded event under India's G20 Presidency organised by WHO – South-East Asia Region in collaboration with Ministry of Health & Family Welfare, Government of India.

- Ans**
- 1. 1 and 2
  - 2. 1 only
  - 3. 2 only
  - 4. Neither 1 nor 2

**Q.12** Which of the following Statements is/are CORRECT about Aravalli Green Wall Project?

1. Union Minister Shri Bhupender Yadav on 25th March 2023 launched the Aravalli Green Wall Project, a major initiative to green the 5 km buffer area around the Aravalli Hill Range in four states.
2. The project covers states of Haryana, Rajasthan, Gujarat and Punjab - where the Aravalli hills landscape span over 6 million hectares of land.
3. The project will cover degraded land in Gurgaon, Faridabad, Bhiwani, Mahendergarh and in Rewari districts of Haryana.

- Ans**
- 1. 3 and 1 only
  - 2. 1,2 and 3
  - 3. 1 and 2 only
  - 4. 2 and 3 only

**Q.13** India along with \_\_\_\_\_ ASEAN Member States (AMS) were represented by 200 participants, at the 4th edition of the annual ASEAN India Grassroots Innovation Forum (AIGIF) that was launched in Langkawi, Malaysia on 28th November 2023.

- Ans**
- 1. 8
  - 2. 6
  - 3. 4
  - 4. 10

**Q.14** Which of the following statement is/are INCORRECT about Chandrayaan-3?

1. With the successful landing of the Lander Module of ISRO's third lunar mission Chandrayaan-3, India has reached the Moon! It has also become the first country to land near the Moon's south pole.

2. The Lander Module (LM) of the Indian Space Research Organisation's (ISRO) third lunar mission Chandrayaan-3, launched on July 14, made a successfully landing on the Moon's surface on August 23, making India only the fourth country after the erstwhile USSR, the U.S. and China.

**Ans** ✓ 1. Neither 1 nor 2

✗ 2. 2 only

✗ 3. Both 1 & 2

✗ 4. 1 only

**Q.15** Which of the following statement is / are correct regarding Squash World Cup 2023?

1. India's campaign at the Squash World Cup 2023 ended in the semi-finals after losing to Colombia 4-2 on 16<sup>th</sup> June 2023 at the Express Avenue Mall in Chennai.

2. It was the fourth edition of the team championship which made a return to the international squash calendar after 12 years.

3. Eight teams - hosts India, Australia, Colombia, Egypt, Hong Kong China, Japan, Malaysia and South Africa - competed for the title at Chennai.

**Ans** ✗ 1. 1, 2 & 3

✗ 2. 1 & 2 only

✗ 3. 1, nor 2 nor 3

✓ 4. 2 & 3 only

**Q.16** In October 2023, the Arunachal Pradesh Cabinet, approved 3 important byelaws for the proper management of solid waste in the state. Which of the following Byelaws are among those 3 approved byelaws?

1. Arunachal Pradesh Solid Waste (Management & Handling) Byelaws 2023

2. Plastic Waste Management Byelaws 2023

3. Construction & Demolition Waste Management Byelaws 2023

4. Operation and Maintenance of Bio-degradable wastages Byelaws 2023

**Ans** ✗ 1. 2, 3 and 4 only

✗ 2. 1, 3 and 4 only

✓ 3. 1, 2 and 3 only

✗ 4. 1, 2 and 4 only

**Q.17** Which of the following statement is correct about Surajkund Mela 2023?

I. It is organized every year in Faridabad, Haryana and is held during the first half of the month of February.

II. This is one of the most celebrated international Craftsmela and is organized by the Haryana Tourism Department.

**Ans** ✗ 1. Neither I nor II

✓ 2. Both I and II

✗ 3. Only II

✗ 4. Only I

**Q.18** Which of the following statement is/are INCORRECT about the new variety "Lotus" flower developed by Lucknow Institute CSIR-NBRI (National Botanical Research Institute)?

1. This new variant is called the "Namoh 118" lotus variant.
2. It carries spiritual significance owing to its 118 petals, symbolizing deep devotion.
3. This is the first lotus variety whose genome is completely sequenced for its characteristics.
4. It was unveiled by Union Minister Dr. Jitendra Singh on 19<sup>th</sup> August 2023.

- Ans**
- 1. 1 and 2 only
  - 2. 2 and 3 only
  - 3. 1 and 4 only
  - 4. 3 and 4 only

**Q.19** Which of the following statement is correct about ICC ODI World Cup 2023?

I. In the high stake final played at the Narendra Modi Stadium, Australia ended India's unbeaten streak in the tournament and scored a 6-wicket victory to lift the title.

II. Indian star batter Virat Kohli has been awarded with the "player of the tournament" title in the ICC World Cup 2023 for his exemplary performance.

- Ans**
- 1. Only II
  - 2. Only I
  - 3. Neither I nor II
  - 4. Both I and II

**Q.20** President Droupadi Murmu has given her assent to the Central Goods and Services Tax (Amendment) Bill, 2023. This bill is made to define which of the following?

I. Defines the expressions online gaming, online money gaming.

II. Virtual digital assets .

- Ans**
- 1. Only I
  - 2. Neither I nor II
  - 3. Only II
  - 4. Both I and II

Section : General Studies

**Q.1** Which of the following statements about Lok Sabha are correct?

1. The Lok Sabha (House of the People) was duly constituted for the first time on 17 April 1952.
2. As many as seventeen General Elections to the Lok Sabha have been held as of December 2023.
3. Sarvepalli Radhakrishnan was the first Speaker of Lok Sabha.
4. Shri. Ganesh Vasudev Mavalankar was the first Deputy Speaker of Lok Sabha.

- Ans**
- 1. Only 1 and 4
  - 2. Only 1 and 2
  - 3. Only 3 and 4
  - 4. Only 2 and 3



**Q.2** Consider the following statements regarding the Commission and Committee of Parliament on the official languages.

- 1) It shall be the duty of the Commission to make recommendations to the President as to the progressive use of the Hindi language for the official purposes of the Union.
- 2) There shall be constituted a Committee consisting of 30 members.
- 3) Out of 30 Members of the Committee, 10 shall be members of the House of the People and 20 shall be members of the Council of States.

Which of the given statements is/are correct?

- Ans**
- 1. 1 and 2 only
  - 2. 1 and 3 only
  - 3. 2 and 3 only
  - 4. 1, 2 and 3

**Q.3** Generally tribes are found in all parts of India but which of the following area is NOT associated with major tribal population of India?

- Ans**
- 1. Lakshadweep islands
  - 2. Andaman & Nicobar islands
  - 3. Delhi
  - 4. Jharkhand

**Q.4** Typically, \_\_\_\_\_ are papers bearing the promise of a future stream of monetary returns over a certain period of time.

- Ans**
- 1. deposits
  - 2. securities
  - 3. bonds
  - 4. capitals

**Q.5** The Ministry of Road Transport and Highways (MoRTH) has issued a draft notification dated 14 June 2023 proposing Motor Third Party Premium and Liability Rules for the Financial Year (FY) 2023-24, in consultation with Insurance Regulatory and Development Authority of India (IRDAI). With respect to the above draft, which of the following statements are correct?

Statement 1: A discount of 15% in premium has been proposed for educational institution buses.

Statement 2: A discount of 25% in premium has been proposed for a private car registered as a Vintage Car.

Statement 3: A discount of 15% and 7.5% in premium has been proposed for electric vehicles and hybrid electric vehicles, respectively.

- Ans**
- 1. Only 1 and 3
  - 2. Only 1 and 2
  - 3. Only 2 and 3
  - 4. 1, 2 and 3

- Q.6** Consider the eligibility criteria to avail connection under Ujjwala 2.0.
1. Applicant (woman only) must have attained 18 years of age.
  2. There should not be any other LPG connection from any OMC in the same household.
  3. Adult woman belonging to any of the following categories – SC, ST, Pradhan Mantri Awas Yojana (Gramin), Most Backward Classes (MBC), Antyodaya Anna Yojana (AAY), Tea and Ex-Tea Garden tribes, Forest Dwellers, People residing in Islands and River Islands, enlisted under SECC Households (AHL TIN) or any Poor Household as per 14-point declaration.
  4. All adult members of the household must have an Aadhar Card and a bank account.

Which of the above are correct?

- Ans**
- 1. Only 1, 2 and 3
  - 2. Only 1, 2 and 4
  - 3. Only 1 and 2
  - 4. Only 1, 3 and 4

- Q.7** Which of the following statement is correct about second five year plan of India?

- I. The draft of this Plan was prepared by P. C. Mahalanobis only.
- II. This plan emphasised on industrialisation of the economy, particularly heavy industries.

- Ans**
- 1. Only I
  - 2. Only II
  - 3. Neither I nor II
  - 4. Both I and II

- Q.8** Which of the following is correct statement about Industrial Policy Resolution 1956?

- I. This resolution formed the basis of the Second Five Year Plan, the plan which tried to build the basis for a socialist pattern of society.
- II. This resolution classified industries into two categories only. The first category comprised industries which would be exclusively owned by the private sector.

- Ans**
- 1. Both I and II
  - 2. Only II
  - 3. Only I
  - 4. Neither I nor II

- Q.9** In 1526 who defeated the Sultan of Delhi, Ibrahim Lodi, at Panipat and captured Delhi and Agra?

- Ans**
- 1. Humayun
  - 2. Babur
  - 3. Akbar
  - 4. Maharana Pratap

**Q.10** Arrange the following monuments in the chronological order of their construction.

1. Humayun's Tomb, New Delhi
2. Tomb of I'timād-ud-Daulah, Agra
3. Salim Chishti's Tomb, Fatehpur Sikri
4. Rabia Daurani's Tomb, Aurangabad

- Ans**
- 1. 4, 1, 2, 3
  - 2. 2, 1, 3, 4
  - 3. 1, 3, 2, 4
  - 4. 1, 2, 3, 4

**Q.11** Which of the following statements about the Godavari river are correct?

1. The river rises in the Sahyadris, near Trimbakeshwar in the Nashik district of Maharashtra.
2. At Dowlaiswaram, the river divides into two branches, the Gautami and Vasishtha.
3. The Gautami branch joins the Bay of Bengal flowing through the Yanam enclave of Union Territory of Puducherry.
4. On the north, it is bound by the Balaghat and the Mahadeo ranges stretching forth from the eastern flank of the Western Ghats.

- Ans**
- 1. Only 3 and 4
  - 2. Only 1, 2 and 3
  - 3. Only 1 and 2
  - 4. Only 1, 3 and 4

**Q.12** The Gandhi Irwin Pact included which of the following?

1. The Pact proposed another round table conference to discuss the agreements reached in the first.
2. The Indian National Congress was to withdraw the Civil Disobedience Movement immediately and effectively in all respects.
3. The boycott of British goods would also be withdrawn forthwith. The Government will not condone breach of the existing law relating to salt administration and would the Salt Act be amended
4. The Government will not condone breach of the existing law relating to salt administration and would the Salt Act be amended.

- Ans**
- 1. 1 only
  - 2. 3 and 4 only
  - 3. 2, 3 and 4 only
  - 4. 1, 2 and 3 only

**Q.13** Consider the following pairs and identify which of the following pairs of religious texts and associated religions are matched correctly.

1. Aranyakas – Hinduism
2. Janamsakhis – Sikhism
3. Agam Sutras – Buddhism
4. Tripitaka – Jainism

- Ans**
- 1. 1, 3 and 4 only
  - 2. 1 and 2 only
  - 3. 2, 3 and 4 only
  - 4. 2 and 3 only

Q.14 The executive power of state shall be vested in whom as per Indian constitution?

- Ans
- 1. President
  - 2. State Council of Ministers
  - 3. Governor
  - 4. Chief Minister

Q.15 In the east and central India, the Mauryas were succeeded by whom?

- I. The Sungas
- II. The Kanvas

- Ans
- 1. Neither I nor II
  - 2. Both I and II
  - 3. Only II
  - 4. Only I

Q.16 Which of the following statement is correct about human made resources?

- I. People use natural resources to make buildings, bridges, roads, machinery and vehicles, which are known as human made resources.
- II. Technology is not a human made resource.

- Ans
- 1. Only II
  - 2. Neither I nor II
  - 3. Only I
  - 4. Both I and II

Q.17 Which of the following is an example of colonial architectures in India?

- I. Gateway of India, Mumbai
- II. India Gate, New Delhi

- Ans
- 1. Only II
  - 2. Both I and II
  - 3. Neither I nor II
  - 4. Only I

Q.18 Which of the following statements is/are correct about Panchayat Samiti?

- 1. The strength of a Panchayat Samiti depends on the population in a samiti area.
- 2. All the Sarpanchs of Gram Panchayats are not members of Panchayat Samitis at the same time.
- 3. The Samiti is equipped with the administrative machinery called the Chief Executive Officer.

- Ans
- 1. Only 1
  - 2. Only 2 and 3
  - 3. Only 3
  - 4. Only 1 and 2

Q.19 Who is the formal head of the state of India?

- Ans
- 1. President
  - 2. Prime Minister
  - 3. Home Minister
  - 4. Finance Minister

Q.20 What is the meaning of Zakat in Islam?

- Ans
- 1. Almsgiving
  - 2. Prayer
  - 3. Fasting
  - 4. Pilgrimage

Section : Numerical Aptitude

Q.1 A shopkeeper sells an item by giving 25% discount on its marked price and still gains 35%. If the cost price of the item decreases by 10%, and he sells it by allowing 37.5% discount on the same marked price, then his gain percentage will be \_\_\_\_\_.

- Ans
- 1. 25%
  - 2. 20.5%
  - 3. 25.5%
  - 4. 30%

Q.2 The average weight of some students in a section is 35.5 kg. Twelve of them whose average weight is 37 kg leave the section and another 5 students with weights 40 kg, 39.5 kg, 38.5 kg, 42 kg and 47.5 kg join the section, and thereby the average weight of the students in the section increases by 300 g. The number of students, initially, in the section, was:

- Ans
- 1. 47
  - 2. 53
  - 3. 45
  - 4. 49

Q.3 In an election between two candidates A and B, 15% of the voters did not cast their votes, 20% of the votes cast were declared invalid. The winning candidate got 8262 votes, which were 54% of the total valid votes.

Statement I: The candidate who was defeated got votes from 31.28 % of the total voters in the list.

Statement II: The number of valid votes was 15500.

Which of the above statements is/are correct?

- Ans
- 1. Neither I nor II
  - 2. II only
  - 3. I only
  - 4. Both I and II

**Q.4** A sum of ₹1200 becomes ₹1560 at the rate of simple interest in 3 years. In how many years will the sum of ₹800 amounts to ₹1120 at the same rate of simple interest?

- Ans**
- 1. 5 years
  - 2. 3 years
  - 3. 6 years
  - 4. 4 years

**Q.5** The ratio of M, N and S is 2 : 7 : 9 respectively. If their sum is 360, then what is the difference between M and S?

- Ans**
- 1. 120
  - 2. 140
  - 3. 160
  - 4. 180

**Q.6** P and R are at a distance of 296 km from each other at 7:45 a.m. After 15 minutes, P starts moving towards R at the speed of 32 km/hr. At 8:30 a.m. R starts moving towards P at the speed of 8 km/hr. At what time will they meet?

- Ans**
- 1. 4:20 pm
  - 2. 2:45 pm
  - 3. 3:30 pm
  - 4. 4:50 pm

**Q.7** In a company there are 44 employees. The average salary of 30 employees is ₹4200 per month and the average salary of 10 employees among remaining 14 employees is ₹6200 per month. If the average salary of all employees is ₹7400 per month, then what is the per month average salary of the remaining 4 employees?

- Ans**
- 1. ₹42200
  - 2. ₹34400
  - 3. ₹37800
  - 4. ₹35600

**Q.8** Let  $x$  be the least number of 5 digits, which when divided by 28, 40, 42 and 48, leaves remainder 6 in each case and  $x$  is divisible by 246. What is the sum of the digits of  $x$ ?

- Ans**
- 1. 13
  - 2. 12
  - 3. 15
  - 4. 14

**Q.9** A certain sum (in ₹) is divided between A, B and C such that the ratio of shares of A and B is 3 : 1, that of B and C is 5 : 3 and that of C and D is also 5 : 3. If the difference between the shares of B and D is ₹1,280, then what is the difference (in ₹) of shares of A and C?

- Ans**
- 1. 5,600
  - 2. 6,400
  - 3. 4,000
  - 4. 4,800

Q.10 Selling price of a bat is ₹1144 and profit percentage is 30 percent. If selling price is ₹704, then what will be the loss percentage?

- Ans
- 1. 18 percent
  - 2. 20 percent
  - 3. 15 percent
  - 4. 10 percent

Q.11 Select the option that is true regarding the following labelled Assertion (A) and Reason (R).

Assertion (A)	Reason (R)
The cost of 3 vadas and 4 samosas is ₹195. If the cost of a samosa increases by 10% and that of a vada decreases by one-fifth, the cost of 2 vadas and 3 samosas is ₹139. The original cost of 2 vadas and 1 samosa is ₹80.	Let cost of 1 vada and 1 samosa is ₹ x and ₹ y, respectively. $3x + 4y = 195$ and $2 \times (1.1)x + 3 \times \frac{1}{5}y = 139.$

- Ans
- 1. A is true and R is false.
  - 2. Both A and R are true but R is not a correct explanation of A.
  - 3. Both A and R are true and R is a correct explanation of A.
  - 4. A is false and R is true.

Q.12 Which of the following statements is/are correct?

- (a)  $\sum (n^2 - n) = 330, n = 1, 2, \dots, 10$
- (b)  $\sum (n^2 + n) = 728, n = 1, 2, \dots, 12$
- (c)  $\sum (n^2 + 3n + 1) = 352, n = 1, 2, \dots, 8$

- Ans
- 1. (b) only
  - 2. (a) only
  - 3. (b) and (c)
  - 4. (a) and (b)

Q.13 The simple interest on a sum for 6 years is ₹29250. The rate of interest for the first 2 years is 7 percent per annum and for the next 4 years is 16 percent per annum. What is the sum?

- Ans
- 1. ₹37500
  - 2. ₹36600
  - 3. ₹35400
  - 4. ₹38300

Q.14 The present population of a town is 98000. It increases every year at the rate of 40 percent. What was the population of the town 2 years ago?

- Ans
- 1. 55000
  - 2. 50000
  - 3. 45000
  - 4. 60000

**Q.15** The product of the three consecutive odd numbers is 2145. What is the Square of the middle number?

- Ans**
- 1. 289
  - 2. 169
  - 3. 121
  - 4. 225

**Q.16** A can complete a certain work in 36 days. B is  $33\frac{1}{3}\%$  less efficient than A and C is 50% less efficient than B. All the three started the work together, but A left 9 days after the start of the work and B left 3 days before the completion of the work. In how many days was the whole work completed?

- Ans**
- 1. 28
  - 2. 29
  - 3. 32
  - 4. 30

**Q.17** A question is given, followed by three statements labelled I, II and III. Identify which of the statements is/are sufficient to answer the question.

Question:

What is the value of A when  $D = 7$ ?

Statements:

- I. A varies directly with the sum of B and C, B varies directly with D and C varies directly with  $D^2$ .
- II. When  $D = 3$ ,  $A = 33$ .
- III. When  $D = 4$ ,  $A = 52$ .

- Ans**
- 1. I and II
  - 2. I only
  - 3. I, II and III
  - 4. I and III

**Q.18** In a village, 90 percent people of the total population are literate and the remaining are illiterate. If the number of illiterate people is 1320, then what is the total population of village?

- Ans**
- 1. 13200
  - 2. 12200
  - 3. 12000
  - 4. 13000

**Q.19** A question is given, followed by three statements labelled I, II and III. Identify which of the statements is/are sufficient to answer the question.

Question:

What is the time (in second) taken by A to run the race?

Statements:

- I. A beats B by 30 seconds and B beats C by 60 seconds.
- II. A beats C by 90 seconds.
- III. B's speed is the average of A's speed and C's speed.

- Ans**
- 1. I and III
  - 2. II and III
  - 3. I, II and III
  - 4. I and II



**Q.20** If  $x^2 + \frac{1}{x^2} = 10$ , then what is the value of  $x^4 + \frac{1}{x^4}$ ?

- Ans**
- ✓ 1. 98
  - ✗ 2. 100
  - ✗ 3. 96
  - ✗ 4. 102

Section : Reasoning and Logical Aptitude

**Q.1** In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Which numbers should replace X and Y so that the pattern followed by the two numbers on the left side of :: is same as that on the right side of :: ?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

X : 120 :: 4 : Y

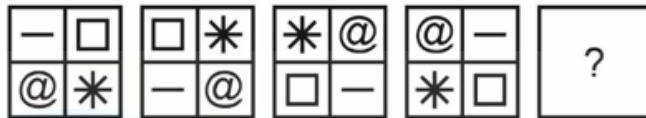
- Ans**
- ✗ 1. X=6, Y=90
  - ✗ 2. X=9, Y=140
  - ✗ 3. X=5, Y=70
  - ✓ 4. X=5, Y=60

**Q.2** BAKE is related to YZPV in a certain way based on the English alphabetical order. In the same way, FOUR is related to ULFI. Which of the following are correct matches following the same logic?

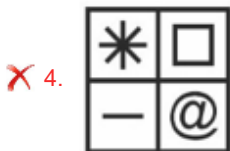
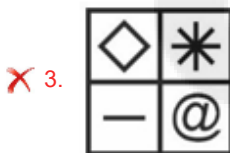
i. GOOD	(W) GIVV
ii. ZERO	(X) AVIL
iii. TREE	(Y) TLLW
iv. KEEP	(Z) PVVK

- Ans**
- ✗ 1. i-Y only
  - ✗ 2. iii-Y, i-W, iv-Z only
  - ✗ 3. ii-W only
  - ✓ 4. i-Y, ii-X, iii-W only

**Q.3** In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



**Ans**



**Q.4** Five towns A, B, C, D and E are visited by a person from Monday to Friday. On each day the person visits only one town. The person visits A on Monday. He visits E on the next day of D. B and C are not visited on Friday. Who among the following can visit on Wednesday?

- Ans**
- ✗ 1. D
  - ✗ 2. E
  - ✓ 3. B
  - ✗ 4. A

**Q.5** In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

- I. All Colour are Red.
- II. Some Yellow are Red.

Conclusion:

- I. All Yellow are Colour.
- II. Some Red are Yellow.

- Ans**
- ✗ 1. Both conclusions I and II follows.
  - ✗ 2. Neither conclusion follows.
  - ✗ 3. Only conclusion I follows.
  - ✓ 4. Only conclusion II follows.

**Q.6** In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. All R are Q.

II. All M are R.

Conclusion:

I. All M are Q.

II. Some Q are R.

- Ans**
- 1. Only conclusion I follows.
  - 2. Neither conclusion follows.
  - 3. Both conclusions I and II follows.
  - 4. Only conclusion II follows.

**Q.7** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

QRST, UVWX, YZAB, CDEF, ?

- Ans**
- 1. TQRN
  - 2. EMRN
  - 3. GHIJ
  - 4. GHMJ

**Q.8** In a certain code language, 'TAP' is written as '60348' and 'CUT' is written as '96360'. Which of the following are correct matches as per the given code language?

WORD	CODE
I. WORK	(W) 2132742
II. GAIN	(X) 1215354
III. DEAR	(Y) 69455433

- Ans**
- 1. I-X , II-W only
  - 2. I-Y, II-W, III-X only
  - 3. III-Y , I-W only
  - 4. I-X only

**Q.9** In the following question, four letter pairs are given. The letters on left side of (-) is related to the letters on the right side of (-) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

- Ans**
- 1. DS – KZ
  - 2. MO – SW
  - 3. NC – UJ
  - 4. WL – DS

**Q.10** Read the following information carefully and answer the question that follows. You must assume everything in the statement to be true and decide which of the conclusion/s logically follow/s.

• The city of Green Valley has experienced a surge in cases of a rare respiratory illness in the past month. Public health officials identified a recently opened chemical factory as the source of the outbreak, tracing the illness to airborne toxins emitted from the factory. The factory manager initially denied responsibility and refused to shut down operations. However, following protests and mounting pressure from local residents and government officials, the factory has finally agreed to halt production temporarily.

Which of the following can be concluded from the given information?

- A. The chemical factory will permanently shut down operations.
- B. The respiratory illness is highly contagious and can spread quickly through the air.
- C. Public health officials have effectively managed the outbreak and prevented further spread.
- D. Green Valley residents should avoid all outdoor activities to minimize exposure to the toxins.

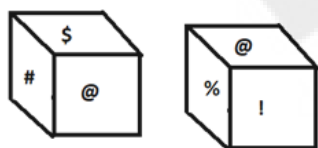
**Ans** ✓ 1. Only B and D

✗ 2. Only A and D

✗ 3. Only A and C

✗ 4. Only B and C

**Q.11** Six symbols !, @, #, \$, %, and & are written on different faces of a dice. Two positions of this dice are shown in the figure. Which symbol will be opposite to &?



**Ans** ✗ 1. \$

✓ 2. @

✗ 3. %

✗ 4. #

**Q.12** After arranging the given words according to dictionary order, which word will come at 'Third' position?

- 1. Region
- 2. Register
- 3. Regim
- 4. Regional
- 5. Regimen

**Ans** ✓ 1. Region

✗ 2. Register

✗ 3. Regimen

✗ 4. Regional

**Q.13** There are seven persons Prakash, Nilanjan, Rohit, Jay, Saman, Sanjay and Veer whose ages are 55, 34, 56, 42, 36, 30 and 25 (all in years) but not necessarily in same order.

- Rohit who is elder brother of Jay is younger than Nilanjan.
- Sanjay is only younger than Veer but older than Saman.
- Nilanjan is the younger brother of Prakash who is 4th youngest as well as 4th oldest among group.

Which of the following statement is true based on the above information?

- I. Saman age is 42 years
- II. Jay is youngest in all.

- Ans**
- 1. Neither I nor II
  - 2. Both I and II
  - 3. Only I
  - 4. Only II

**Q.14** If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?



**Ans**

- 1.
- 2.
- 3.
- 4.

**Q.15** In the following question, select the missing number from the given series.

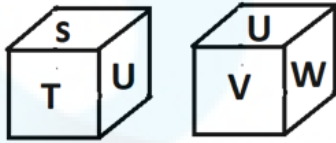
60, 64, 72, 88, 120, ?

- Ans**
- 1. 180
  - 2. 210
  - 3. 190
  - 4. 184

Q.16 If  $112\text{ M }84\text{ N }251 = 447$  and  $35\text{ M }45\text{ N }59 = 139$ , then  $224\text{ M }89\text{ N }131 = ?$

- Ans
- ✓ 1. 444
  - ✗ 2. 360
  - ✗ 3. 450
  - ✗ 4. 458

Q.17 Six letters S, T, U, V, W and X are written on different faces of a dice. Two positions of this dice are shown in the figure. Which letter will be opposite to X?



- Ans
- ✓ 1. U
  - ✗ 2. W
  - ✗ 3. T
  - ✗ 4. S

Q.18 A @ B means A is the sister of B ;

A # B means A is the father of B ;

A & B means B is the wife of A.

Based on the above information, find out which of the given statements can be the reason/s behind the assertion made below if it is given that 'S @ M # T & U'

Assertion: S is the grand-daughter of Z?

Reason A: Z @ U

Reason B: Z @ M

- Ans
- ✗ 1. Only B is the reason behind the assertion
  - ✓ 2. Neither A nor B is the reason behind the assertion
  - ✗ 3. Only A is the reason behind the assertion
  - ✗ 4. Both A and B are reasons behind the assertion

Q.19 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Q. Who got the least apples among all?

(I) Perna got more apples than Rajiv. Ganga got as many apples as Vidya did.

(II) Ankita got fewer apples than Manasvi. Rajiv got more apples than Ganga. Manasvi got fewer apples than Vidya.

- Ans
- ✗ 1. Data in Statement I alone is sufficient to answer the question while data in statement II is not.
  - ✗ 2. Data in statements I and II together are NOT sufficient to answer the question.
  - ✓ 3. Data in statements I and II together are necessary to answer the question.
  - ✗ 4. Data in Statement II alone is sufficient to answer the question while data in statement I is not.

**Q.20** There are seven persons Anand, Bipin, Chaman, Deepak, Eashan, Farhan and Gagan are sitting around a circular table but not necessarily in same order. Each of them is either facing the Centre or facing outside (opposite to the center).

- There are three persons facing towards center and others are facing outside.
- Two inward facing persons are sitting together.
- Gagan is sitting between two persons Bipin and Deepak who are facing outside direction.
- Farhan is sitting between Eashan and Deepak.
- There are exactly two inward facing persons are sitting between Eashan and Bipin.
- Farhan is sitting second to the left of Gagan.
- Gagan is facing towards center.
- Anand is never sitting next to Bipin.

Which of the following statement is / are true based on the given arrangement?

- Anand and Gagan are facing towards center.
- Chaman and Gagan are facing towards center.
- Chaman, Bipin and Deepak are facing towards outside direction.

- Ans**
- 1. Only II is true.
  - 2. Both I and II are true.
  - 3. All I, II and III are true.
  - 4. Only I is true.

Section : English

**Q.1** Identify the grammatically correct form of the given sentence.

Sentence: My mother yelled at my father for purchasing red capsicum rather than green pepper.

- My mother yelled at my father for purchasing red capsicum rather than green pepper.
- My mother yelled at my father because he bought red capsicum instead of green pepper.
- My mother yelled at my father for purchasing red capsicum despite of green pepper.

- Ans**
- 1. Only III is correct
  - 2. Only I is correct
  - 3. Only I and II are correct
  - 4. Only II is correct

**Q.2** Four sentences are given below as four options. Choose the option that contains the odd sentence.

- Ans**
- 1. Failure to absorb the new graduates into the labour market seriously affects social cohesion in the community at large.
  - 2. Employers' values influence the selection process and their treatment of the current employees.
  - 3. It is important to understand how work-based values inform behaviour in the labour market.
  - 4. Job seekers including fresh graduates and employers express values that are relevant to the workplace.

Q.3 The sentences given below are numbered 1, 2, 3, 4, and so on. They form a coherent paragraph when sequenced properly. Choose the option that gives the proper sequence.

1. Academics need to conduct and then publish their research.
2. It also represents spent future time as they revise or resubmit their manuscript.
3. While service and teaching also play an important role in their professional lives, academic publishing is a mainstay for tenure, promotion, and for impacting the directions of the field.
4. When this work does not reach its intended audience, the efforts of the author represent lost time that might have been more productively directed elsewhere.
5. A prospective author typically spends months or years working on a submission to a journal.

- Ans
- 1. 54132
  - 2. 35124
  - 3. 13542
  - 4. 42531

Q.4 Match the following words with their antonyms.

	List I		List II
1	Stuck	A	Reticent
2	Morbid	B	Cordial
3	Talkative	C	Freed

- Ans
- 1. 1-C, 2-B, 3-A
  - 2. 1-B, 2-C, 3-A
  - 3. 1-C, 2-A, 3-B
  - 4. 1-A, 2-B, 3-C

Q.5 Select the correct conclusion based on the meaning of the underlined word.

Statement: His overnight success has taught me that you should never judge a book by its cover.

Conclusion:

- I. One should be beware of false appearances.
- II. We must not underestimate anyone based on their looks.

- Ans
- 1. Both conclusion I and II are correct
  - 2. Only conclusion I is correct
  - 3. Only conclusion II is correct
  - 4. Neither conclusion I nor II is correct



**Q.6** Identify the grammatically correct form of the given sentence.

Sentence: As the pedicurist painted her nail, Simran speaks softly without looking at me.

I. As the pedicurist paints her nail, Simran spoke softly without looking at me.

II. As the pedicurist painted her nail, Simran spoke softly without looking at me.

**Ans**  1. Both I and II are correct

2. Only II is correct

3. Only I is correct

4. Neither I nor II is correct

**Q.7** Select the conclusion(s) that follow(s) based on the correct meaning of the word underlined in the following sentence.

Sentence:

He is actually an amateur photographer but some of his wildlife photographs have received wide acclaim.

Conclusion:

(i) Magazines will give him special assignments because of his experience and expertise.

(ii) He doesn't claim any special status among those who have photography as their career.

(iii) He often criticises the work of professionals because he is one of them.

**Ans**  1. Only conclusion (i)

2. Only conclusion (ii)

3. Only conclusion (ii) and (iii)

4. Only conclusion (i) and (iii)

**Q.8** The five sentences labelled (1, 2, 3, 4, 5) given in this question. The first sentence is fixed and others when properly sequenced, form a coherent paragraph. Each sentence is labelled with a number. Decide on the proper order for the sentences and choose the correct option.

1. Pūteketeke are water birds native to New Zealand and have been known to make strange noises like barking, growling and clicking.

2. They are characterised by their distinctive plumage, alternating black and white feathers with colored head plumes.

3. Young pūteketeke are also capable of swimming and diving even after newly hatching.

4. The bird was almost hunted to extinction in the United Kingdom during the 19th century.

5. They are still under threat today, conservationists say.

**Ans**  1. 13452

2. 12453

3. 15234

4. 12345

**Q.9** Select the option in which the word 'ephemeral' is used correctly.

**Ans**  1. Our life on this planet is ephemeral but the spirit is eternal.

2. All things ephemeral tend to have a lasting impact on culture and civilisation.

3. The cooling glasses that I wear are ephemeral – light but unbreakable.

4. The new desk we have bought is ephemeral and sturdy and will be stable for long.

Q.10 The passage given below has numbered blanks. Choose the word that best fits Blank 3.

Over the past decade, the sunflower sea star has gone from a predator of the Pacific Ocean to nearing extinction. The Nature Conservancy estimates that 5.75 billion sunflower sea stars died over three years, a 94% global (1)\_\_\_\_. The cause, scientists say, is largely climate change and warming waters, (2)\_\_\_\_ by sea star wasting disease. Hope is slowly on the horizon. The Birch Aquarium at Scripps Institution of Oceanography near San Diego successfully (3)\_\_\_\_ three sunflower sea stars recently, the latest success story in a sprawling collaborative effort. TBA has five sunflower stars, one of the largest populations of sunflower stars in (4)\_\_\_\_ in California. But until recently it did not know their gender. To determine the sex, researchers induced spawning. After further testing, they can determine whether the (5)\_\_\_\_ could survive disease or parasites. Once that's done, the aquarium will be able to begin the fertilization process.

- Ans
- 1. instigated
  - 2. spawned
  - 3. produced
  - 4. promoted

Q.11 Select the correct conclusion based on the correct meaning of the word underlined in the following sentence.

Statement: His parents never thought that he would turn out to be a philistine.

Conclusion:

- (i) A philistine as he is, he is proud of his beautiful collection of antiques.
- (ii) We shouldn't have taken him to the museum of rare paintings, for he was anxious to get out soon.
- (iii) Some are so practical-minded that even a vintage car is a pure mechanical device for them.

- Ans
- 1. Both conclusion (ii) and (iii) are correct
  - 2. Only conclusion (ii) is correct
  - 3. Both conclusion (i) and (iii) are correct
  - 4. Only conclusion (i) is correct

Q.12 Identify the grammatically correct form of the given sentence.

Sentence: After an few more polite speeches, he found himself dismissed.

- I. After a few more polite speeches, he found himself the dismissed.
- II. After a few more polite speeches, he found himself dismissed.

- Ans
- 1. Only I is correct
  - 2. Only II is correct
  - 3. Both I and II are correct
  - 4. Neither I nor II is correct

Q.13 Select the option in which the word 'belligerent' is used correctly.

- Ans
- 1. The principal greeted the students and their awestruck, belligerent parents warmly on the reopening day.
  - 2. The belligerent kids hugged each other and danced in joy true to their nature.
  - 3. The belligerent litigant's behaviour made the judge reprimand him severely.
  - 4. She was belligerent when she heard the good news of her winning a jackpot.

Q.14 Match the following words with their SYNONYMS.

	List I		List II
1	Hound	A	Deprivation
2	Bereavement	B	Chase
3	Jolly	C	Amused

- Ans
- 1. 1-B, 2-C, 3-A
  - 2. 1-A, 2-B, 3-C
  - 3. 1-B, 2-A, 3-C
  - 4. 1-C, 2-A, 3-B

Q.15 Identify the grammatically correct form of the given sentence.

Sentence: Rita was been cooking for me for I left my job.

- I. Rita has been cooking for me since I left my job.
- II. Rita is cooking for me since I left my job.
- III. Rita is been cook for me since I left my job.

- Ans
- 1. Only II and III are correct
  - 2. Only I is correct
  - 3. All I, II and III are correct
  - 4. Only III is correct

Q.16 Which of the following statements uses the given idiom correctly?

- (i) When we vent our spleen we generally feel good.
- (ii) Consult a doctor for controlling the damage to your system when you vent your spleen.
- (iii) His latest article in the newspaper vents his spleen on bureaucracy and the prevalence of red-tapism.

- Ans
- 1. Only statements (ii) and (iii)
  - 2. Only statements (i) and (ii)
  - 3. All the statements
  - 4. Only statements (i) and (iii)

Q.17 Select the conclusion(s) that follow(s) based on the correct meaning of the underlined segment in the given sentence.

Sentence:

Always remember that mighty oaks from little acorns grow. Conclusion:

- (i) You cannot hope to grow a big plant by sowing tiny seeds.
- (ii) Some of the big business empires actually started off as small ventures.
- (iii) Even great men can be brought down by small scandals.

- Ans
- 1. Only conclusion (ii)
  - 2. Only conclusion (i)
  - 3. Only conclusion (i) and (iii)
  - 4. Only Conclusion (iii)

Q.18 Four sentences are given as options. Choose the option that contains the odd sentence.

- Ans
- 1. Everyone regardless of his or her attitude to religion resents being called devoid of moral sense.
  - 2. The world today is wanting in moral values.
  - 3. World peace cannot be established without moral foundation.
  - 4. As material civilisation advances and the supply of available goods and services increases, man's needs also multiply.

Q.19 Match the following words with their SYNONYMS.

	List I		List II
1	Guilt	A	Contrition
2	Inactive	B	Lethargic
3	Circumvent	C	Escape

- Ans
- 1. 1-C, 2-A, 3-B
  - 2. 1-B, 2-C, 3-A
  - 3. 1-A, 2-C, 3-B
  - 4. 1-A, 2-B, 3-C

Q.20 Select the correct conclusion based on the meaning of the underlined word.

Statement: He got selected for this dance performance despite having so many problems with the overall idea. No doubt, the squeaky wheel gets the grease.

Conclusion:

- I. The most reliable person in your life harms you.
- II. A person with selfish motives always tries to grab everyone's attention.

- Ans
- 1. Both conclusion I and II are correct
  - 2. Only conclusion II is correct
  - 3. Only conclusion I is correct
  - 4. Neither conclusion I nor II is correct

# INTELLIGENCE BUREAU

(Ministry of Home Affairs)

Government of India

Test Center Name	Swami Vivekanand College of Management and Technology
Test Date	18/01/2024
Test Time	2:30 PM - 3:30 PM
Subject	IB ACIO II Exe

## Section : Current Affairs

**Q.1** Which of the following institution has developed a new Decision Support System (DSS) and extended the ability of the existing air quality early warning system (AQEWS) to have decision-making capability for air quality management in Delhi - NCR region in October 2021?

- Ans**
- ✓ 1. Indian Institute of Tropical Meteorology
  - ✗ 2. Indian Institute of Technology Bangalore
  - ✗ 3. Indian Institute of Technology Madras
  - ✗ 4. Indian Institute of Technology Delhi

**Q.2** Which of the following statements is / are CORRECT with regards to the report prepared by Climate Central about Climate Shift Index(CSI)?

1. Kerala, Puducherry and Andaman and Nicobar Islands experienced, more than three degrees higher temperatures, among the highest in the world, from June to August, 2023.
2. The report uses the Climate Shift Index (CSI) to compare observed or forecast temperatures to models that account for human-caused climate change.
3. It states that these regions witnessed more than 60 days at CSI level 3 or higher, indicating the impact of climate change.
4. Five Indian states had a summer average CSI above 3.

- Ans**
- ✗ 1. 1,4 and 3
  - ✓ 2. 1,2,3 and 4
  - ✗ 3. 3 only
  - ✗ 4. 3,4 and 2

**Q.3** Which of the following statement is/are CORRECT about Madras High Court decision of February 2023 regarding Domestic violence case?

1. Any woman residing in India either temporarily or permanently is entitled to seek relief from a court of law under the Domestic Violence Act even if her spouse lives outside the country.
2. The court said that the cause of action arises in India since the aggrieved person is residing here, even if abused economically by the spouse residing in another country.

- Ans**
- ✗ 1. 2 only
  - ✓ 2. Both 1 and 2
  - ✗ 3. Neither 1 nor 2.
  - ✗ 4. 1 only

Q.4 In May 2023, online platform 'Naykap Gokab' launched in \_\_\_\_\_ aiming to promote local innovative ideas, solutions.

- Ans
- 1. Bangladesh
  - 2. Pakistan
  - 3. Bhutan
  - 4. Myanmar

Q.5 Indian National Congress – INC won 35 seats out of \_\_\_\_\_ in general election to assembly constituencies of Chhattisgarh 2023.

- Ans
- 1. 85
  - 2. 75
  - 3. 80
  - 4. 90

Q.6 Which of the following statement is correct about the Dadasaheb Phalke International film festival awards 2023?

- I. The Kashmir Files wins the 'Best Film' award.  
II. Anupam Kher received the award of most versatile actor of the year.

- Ans
- 1. Only I
  - 2. Only II
  - 3. Neither I nor II
  - 4. Both I and II

Q.7 Which of the following statement is /are INCORRECT about Nari Shakti Vandan Adhiniyam (Women's Reservation Bill)?

1. The lower house of Parliament cleared the Nari Shakti Vandan Adhiniyam (Women's Reservation Bill) on September 20, 2023.
2. The Nari Shakti Vandan Adhiniyam (Women's Reservation Bill) was passed in the Rajya Sabha with 215 MPs voting in favour of the Bill on 21<sup>st</sup> September 2023.
3. The Bill was passed with majority voting by all the members of Rajya Sabha- 215 votes in favour and no one against it.
4. The bill grants 35 percent of seats to women in the Lok Sabha and state legislative assemblies.

- Ans
- 1. 3 and 4 only
  - 2. 1 and 4 only
  - 3. 4 only
  - 4. 1 and 2 only

Q.8 Tele-Law 2.0 initiative was launched on 25 August 2023 marking an important chapter in the evolution of the Tele-Law program of the Department of Justice, Ministry of Law and Justice. This ground-breaking program, operating under the \_\_\_\_\_.

- Ans
- 1. PM-JAY scheme
  - 2. DISHA Scheme
  - 3. SANKALP scheme
  - 4. NISTHA scheme

Q.9 Which of the following statement is correct about National Games 2023?

- I. For the first time, National Games was held in Goa from 26 October 2023 to 9th November 2023 across five Goan cities.  
II. It is 38th National Games.

- Ans
- 1. Both I and II
  - 2. Neither I nor II
  - 3. Only I
  - 4. Only II

- Q.10** Which of the following statement is/are True about the Google Gemini AI ?
- A. Gemini Ultra is the largest and most capable model for highly complex tasks.
  - B. Gemini Pro is best model for scaling across a wide range of tasks.
  - C. Gemini Nano is most efficient model for on-device tasks.

- Ans**
- 1. B and C only
  - 2. A, B and C
  - 3. A and B only
  - 4. Neither A nor B nor C

- Q.11** Which of the following statement is/ are INCORRECT about chatbot 'Bal Mitra' for children launched in February 2023?

- 1. The Delhi Commission for Protection of Child Rights in February 2023 launched its Telegram chatbot called 'Bal Mitra'.
- 2. It enable two-way communication between people and the child rights panel.
- 3. It will be used to send customised nudge-based messages to parents, children, anganwadi workers, etc.
- 4. The chatbot's features include complaint registration, tracking complaint status, and seeking information on various child rights issues.

- Ans**
- 1. 3 only
  - 2. 1 and 2 only
  - 3. 1 only
  - 4. 3 and 4 only

- Q.12** Which of the following statement is/ are Incorrect about India vs Malaysia Hockey Highlights of the Asian Champions Trophy 2023?

- 1. India edged past Malaysia 2-1 in the final match of the Asian Champions Trophy 2023 at Mayor Radhakrishnan Hockey Stadium on Saturday 12th August 2023.
- 2. Harmanpreet Singh and Gurjant Singh scored a goal each inside one minute in the third quarter to help India make a memorable comeback.
- 3. Akashdeep Singh's field goal in the final quarter put India in lead against Malaysia and eventually sealed the game for the side.

- Ans**
- 1. 2 only
  - 2. 1, 2 and 3
  - 3. 3 only
  - 4. 1 only

- Q.13** Which of following statement is /are INCORRECT about 37th Infantry Commanders' Conference?

- 1. 37th Infantry Commanders' Conference was successfully conducted on 14th and 15th December 2023 at Infantry School, Mhow.
- 2. This biennial conference was presided over by General Manoj Pande, Chief of the Army Staff.
- 3. A large number of current and futuristic issues pertaining to Infantry in operations, training, capability development and infusion of technology were discussed.

- Ans**
- 1. 1,2 and 3
  - 2. 1 only
  - 3. 3 only
  - 4. 2 only

**Q.14** Which of the following is/are CORRECT statement(s) about first hydrogen combustion-driven heavy-duty truck?

1. Mukesh Ambani-run Reliance Industries Limited (RIL) and Ashok Leyland unveiled India's first Hydrogen Internal Combustion Engine (H2-ICE) powered heavy-duty truck on in February 2023.
2. The Ashok Leyland H2-ICE truck range is powered by Hydrogen, maintaining overall architecture similar to a conventional diesel-based combustion engine.

**Ans** ✓ 1. Both 1 and 2

✗ 2. 2 only

✗ 3. 1 only

✗ 4. Neither 1 nor 2

**Q.15** Which are the following is/are INCORRECT about the Tri-Services Amphibious Exercise?

1. All three defense forces of India, the Army, the Navy, and the Air Force participated in AMPHEX 2023.
2. Tri-Services Amphibious Exercise, AMPHEX 2023 was conducted at Kakinada, Andhra Pradesh from 17 to 22 January 23.
3. The participating forces undertook complex exercises in all domains of amphibious operations over seven days.
4. Indian Army participated in the exercise with over 1100 troops which included Special Forces.

**Ans** ✓ 1. 3 and 4 only

✗ 2. 2 and 4 only

✗ 3. 1,2 and 4 only

✗ 4. 1 and 3 only

**Q.16** In October 2023, Indian Institute of Science Education and Research Bhopal identified ciTRAN. Which of the following statement is/are CORRECT about this achievement?

1. IISER Bhopal identified a specific circular RNA (circRNA) called 'ciTRAN'
2. It plays a crucial role in multiplication of the AIDS-causing HIV-1 virus within the human body.
3. This research was led by Dr. Ajit Chande from Department of Biological Sciences IISER Bhopal.
4. ciTRAN helps the process of copying genetic information from the virus.

**Ans** ✗ 1. 2 and 3 only

✗ 2. 1 and 2 only

✓ 3. 1,2,3 and 4

✗ 4. 1 and 4 only

**Q.17** Strengthening Teaching-Learning and Results for States (STARS) Project was approved by the Cabinet in October 2020, to be implemented as a centrally sponsored scheme. Which of the following statement is correct about STARS project?

I. After signing of the Loan Agreement, the STARS Project became effective on 23rd February 2021 for a period of five years i.e. up to FY: 2024-25.

II. The STARS Project is being implemented in six identified States viz. Himachal Pradesh, Maharashtra, Odisha, Rajasthan, Madhya Pradesh and Kerala.

**Ans** ✗ 1. Only I

✓ 2. Both I and II

✗ 3. Only II

✗ 4. Neither I nor II



Q.18 Which of the following statement is correct about World Meteorological Day 2023?

I. World Meteorological Day 2023 will focus on the theme, 'The Future of Weather, Climate and Water across Generations'.

II. Every 23 March, World Meteorological Day commemorates the coming into force of the Convention establishing the World Meteorological Organization (WMO) on 23 March 1950.

- Ans
- 1. Only I
  - 2. Neither I nor II
  - 3. Only II
  - 4. Both I and II

Q.19 The \_\_\_\_\_ edition of HUN- a Thadou Cultural Festival 2023 held at Thomas Ground in Kangpokpi district of Manipur.

- Ans
- 1. 5th
  - 2. 7th
  - 3. 3rd
  - 4. 2nd

Q.20 On 21 October 2023 the Prime Minister, Shri Narendra Modi has lauded the successful launch of \_\_\_\_\_ TV D1 Test Flight and remarked that it takes the nation one step closer to realizing India's first human space flight program.

- Ans
- 1. Mission Chandrayaan 3
  - 2. Mission Mangalyaan 2
  - 3. Mission Gaganyaan
  - 4. Mission Aditya- L1

Section : General Studies

Q.1 In context of panchvrata in Jainism, which of the following means non-stealing?

- Ans
- 1. Brahmacharaya
  - 2. Astheya
  - 3. Ahimsa
  - 4. Aparigraha

Q.2 Which of the following statement is correct about, industry and trade?

I. Economists have found that poor nations can progress if they have a good industrial sector.

II. Agriculture provides employment which is more stable than the employment in industry.

- Ans
- 1. Neither I nor II
  - 2. Only I
  - 3. Only II
  - 4. Both I and II

Q.3 Which of the following committees was/were set up by the government for local bodies in India?

1. Balwant Rai Mehta Committee
2. The Ashok Mehta Committee
3. Khusro Committee

- Ans
- 1. Only 2 and 3
  - 2. Only 1
  - 3. Only 1 and 2
  - 4. Only 3

Q.4 Which of the following can be regarded as element of weather and climate?

- I. Temperature
- II. Precipitation

- Ans
- 1. Only I
  - 2. Neither I nor II
  - 3. Both I and II
  - 4. Only II

Q.5 Which of the following statements are correct regarding the Hunters Commission of 1882?

1. It was made to review the progress made in the field of education following Wood's Dispatch.
2. It laid special emphasis on primary education whose control ought to be transferred to district and municipal boards.
3. It underlined the need to provide adequate facilities for spread of women education outside the presidency towns.
4. Private initiative in the field of education should not be encouraged.

- Ans
- 1. 1, 2 and 3
  - 2. 2 and 3 only
  - 3. 1 and 2 only
  - 4. 3 and 4 only

Q.6 Match the following in the context of land categories under the Chola dynasty.

List I	List II
A. Brahmadeya	1. Land gifted to temples
B. Tirunamattukkani / Devadana	2. Land of non-Brahmana peasant proprietors
C. Vellanvagai	3. Land gifted to Brahmanas

- Ans
- 1. A-3, B-2, C-1
  - 2. A-3, B-1, C-2
  - 3. A-2, B-1, C-3
  - 4. A-2, B-3, C-1

**Q.7** Which of the following statements are correct about general elections to the Lok Sabha?

1. Each Parliamentary Constituency will elect only one member.
2. Prior to 1962, there were both single-member and multi member constituencies. These multi- member constituencies used to elect more than one member.
3. The first general election was held in India during 1951–1952.
4. The total strength of Lok Sabha at the time of first general election was 543.

- Ans**
- ✓ 1. Only 1, 2 and 3
  - ✗ 2. Only 1, 2 and 4
  - ✗ 3. Only 1 and 2
  - ✗ 4. Only 1, 3 and 4

**Q.8** In the context of five year plans, Which of the following can be regarded as basic objective of planning in India?

- I. A sizeable increase in the national income so as to raise the level of living in the country.
- II. Reduction of inequalities in income and wealth and a more even distribution of economic power.

- Ans**
- ✓ 1. Both I and II
  - ✗ 2. Only II
  - ✗ 3. Only I
  - ✗ 4. Neither I nor II

**Q.9** Consider the following statements regarding Jainism.

1. 24 Tirthankaras were responsible for the origin and development of the Jain religion and philosophy.
2. The Jains too do not believe in the Vedas, but they admit the existence of a soul.
3. The 22<sup>nd</sup> Tirthankara was Parsvanatha. The followers of Parsvanatha wore a white garment.
4. The 24<sup>th</sup> Tirthankara was Vardhamana Mahavira.

Select all the statements that are true.

- Ans**
- ✗ 1. 2 and 3 only
  - ✗ 2. 1, 3 and 4 only
  - ✗ 3. 1 and 2 only
  - ✓ 4. 1, 2 and 4 only

**Q.10** Historians have used which of the following sources to reconstruct the history of the Mauryan Empire?

- I. The account of Megasthenes (a Greek ambassador to the court of Chandragupta Maurya), which survives in fragments.
- II. The Arthashastra, parts of which were probably composed by Kautilya or Chanakya.

- Ans**
- ✓ 1. Both I and II
  - ✗ 2. Neither I nor II
  - ✗ 3. Only I
  - ✗ 4. Only II

Q.11 Which of the following rivers rise from the Eastern Ghats?

1. Hemavathi
2. Nagavali
3. Malaprabha
4. Vamsadhara

Ans

- 1. 1 and 2 only
- 2. 3 and 4 only
- 3. 1 and 3 only
- 4. 2 and 4 only

Q.12 Which of the following languages is/are spoken in Meghalaya?

- 1) Kokborok
- 2) Garo
- 3) Khasi

Ans

- 1. 2 and 3 only
- 2. 1 and 2 only
- 3. 1 and 3 only
- 4. 1, 2 and 3

Q.13 \_\_\_\_\_ a Rashtrakuta chief overthrew his Chalukya overlord and performed a ritual called hiranya-garbha (literally, the golden womb).

Ans

- 1. Dantidurga
- 2. Nagbhatta
- 3. Rajendra
- 4. Rajraja

Q.14 Which of the following strait separated Sri Lanka from India?

Ans

- 1. Strait of Malacca
- 2. Strait of Tartary
- 3. Palk strait
- 4. Bering Strait

Q.15 Which of the following statement is correct about Ellora caves?

- I. Ellora caves consists only 24 monasteries and temples, extending over more than 2 km.
- II. It illustrates the spirit of tolerance that was characteristic of ancient India.

Ans

- 1. Both I and II
- 2. Neither I nor II
- 3. Only I
- 4. Only II

**Q.16** Which of the following Article of Indian constitution explains the office of the comptroller and Auditor General of India?

- Ans**
- 1. Article 148
  - 2. Article 165
  - 3. Article 125
  - 4. Article 368

**Q.17** Which of the following were part of the 'Four Modernizations' in China in 1978?

- 1. Agriculture
- 2. Industry
- 3. Science and Technology
- 4. Democracy

- Ans**
- 1. Only 3 and 4
  - 2. Only 1 and 2
  - 3. Only 1, 3 and 4
  - 4. Only 1, 2 and 3

**Q.18** RBI publishes figures for four alternative measures of money supply, viz. M1, M2, M3 and M4. In this context which of the following is called as narrow money?

- Ans**
- 1. M2 and M4
  - 2. M1 and M3
  - 3. M3 and M4
  - 4. M1 and M2

**Q.19** Which of the following statements are correct with reference to the GOBARdhan Scheme?

Statement 1: GOBARdhan scheme is being pursued as a national programme priority under Swachh Bharat Mission Grameen-Phase II.

Statement 2: Department of Rural Development, Ministry of Rural Development is the Nodal department for the scheme.

Statement 3: Department of Drinking Water and Sanitation supports every district with technical assistance and financial support of up to ₹50 lakh per district.

- Ans**
- 1. Only 1 and 3
  - 2. Only 3
  - 3. Only 1
  - 4. Only 1 and 2

**Q.20** Who among the following is ex-officio chairman of Council of State of India?

- Ans**
- 1. President
  - 2. Prime Minister
  - 3. Vice- President
  - 4. Governor

**Q.1** Pawan purchased two tables, first for ₹10000 and the second for ₹12000. He sold both the tables, first one at the profit of 10 percent and the second at a loss of 20 percent. What is the overall profit or loss?

- Ans**
- 1. Profit = ₹1400
  - 2. Loss = ₹1400
  - 3. Profit = ₹1200
  - 4. Loss = ₹1200

**Q.2** What is the value of  $\frac{58.32}{0.27 \times 0.09}$ ?

- Ans**
- 1. 24
  - 2. 240
  - 3. 2400
  - 4. 24000

**Q.3** A person leaves city J at 7 am and reaches city K at 5 pm. Another person leaves from city K at 4 pm and reaches city J at 10 pm. At what time (approximately) they both will meet?

- Ans**
- 1. 4:37 pm
  - 2. 4:13 pm
  - 3. 4:23 pm
  - 4. 4:52 pm

**Q.4** 15% of A = 20% of B = 25% of C and  $A + B + C = 5640$ . A is decreased by  $58\frac{1}{3}\%$ , B is increased by 20% and C is decreased by 30%.

Statement I: The new value of C is 8% more than the new value of A.

Statement II: The new value of B is 10% less than the initial value of A.

Which of the above statements is/are correct?

- Ans**
- 1. I only
  - 2. II only
  - 3. Both I and II
  - 4. Neither I nor II

**Q.5** Neeraj sells sarees for ₹3,944 each, after giving two successive discounts of 15% and 20% on its marked price. If he sells a saree giving no discount on its marked price, then he earns a profit of 45%. If he sells a saree for ₹4,496, then his profit percentage will be \_\_\_\_\_.

- Ans**
- 1. 12%
  - 2. 15%
  - 3. 12.4%
  - 4. 15.6%

**Q.6** Two sums of money are divided between A, B, C and D. The first sum is divided between them in the ratio 4 : 6 : 3 : 2 and the second sum is divided in the ratio 3 : 4 : 7 : 6. The second sum is two times the first sum. Who will get the second largest overall share?

- Ans**
- 1. B
  - 2. A
  - 3. D
  - 4. C

**Q.7** Income of Pawan is 5 percent more than the income of Pankaj and income of Pankaj is 15 percent more than the income of Manjeet. The income of Manjeet is (approximately) how much percentage less than the income of Pawan?

- Ans**
- 1. 3 percent
  - 2. 17 percent
  - 3. 7 percent
  - 4. 10 percent

**Q.8** Which of the following statements is/are correct?

(a) The sum  $1^3 + 2^3 + 3^3 + \dots$  to ten terms, lies between 3020 and 3030.

(b) If  $x$  is subtracted from the sum  $1^3 + 3^3 + 5^3 + \dots$  to 10 terms, then it becomes a square. The least value of  $x$  is 17.

(c)  $11^3 + 12^3 + 13^3 + \dots + 20^3 = 41075$ .

- Ans**
- 1. (a) only
  - 2. (b) only
  - 3. (a) and (b)
  - 4. (a) and (c)

**Q.9** The average weight of some children in a group is 45 kg. When 10 children of average weight 40 kg leave the group or 15 children of average weight 50 kg join the group, the average weight of children in both the cases is the same. The number of children, initially, in the group lies between:

- Ans**
- 1. 45 and 55
  - 2. 55 and 65
  - 3. 65 and 75
  - 4. 35 and 45

**Q.10**  $\frac{1}{6}$  of a certain sum is lent at 36 percent rate of interest.  $\frac{1}{5}$  of the remaining sum is lent at 42 percent rate of interest. The remaining sum is lent at 18 percent rate of interest. If the simple interest received on the total sum for 3 years is ₹1725, then what is the sum?

- Ans**
- 1. ₹2100
  - 2. ₹2400
  - 3. ₹2300
  - 4. ₹2200

**Q.11** When 85 percent of a number is added to 18, then the result is that number only. What is the value of the number?

- Ans**
- 1. 135
  - 2. 150
  - 3. 120
  - 4. 105

Q.12 Select the option that is true regarding the following labelled Assertion (A) and Reason (R).

Assertion (A)	Reason (R)
The cost of 5 pens, 6 erasers and 7 notebooks is ₹340 and the cost of 6 pens, 4 erasers and 2 notebooks is ₹200. The cost of one pen, one eraser and 1 notebook is ₹55.	Let $x, y$ and $z$ denote the cost of 1 pen, 1 eraser and 1 notebook, respectively. $5x + 6y + 7z = 340$ and $6x + 4y + 2z = 200$ .

- Ans
- 1. A is true and R is false.
  - 2. A is false and R is true.
  - 3. Both A and R are true and R is a correct explanation of A.
  - 4. Both A and R are true but R is not a correct explanation of A.

Q.13 Two numbers are in the ratio of 8 : 3. If their sum is 11, then what is the sum of the squares of the two numbers?

- Ans
- 1. 73
  - 2. 63
  - 3. 93
  - 4. 83

Q.14 If a 9-digit number  $9834x97y4$  is divisible by 88, then what is the maximum possible value of  $(3x + 2y)$ ?

- Ans
- 1. 31
  - 2. 27
  - 3. 34
  - 4. 37

Q.15 The average of 11 consecutive odd numbers is 37. What is the difference between the largest number and the smallest number?

- Ans
- 1. 21
  - 2. 23
  - 3. 20
  - 4. 25

Q.16 Simple interest on a sum for eight months at the rate of 8 percent per annum is ₹480. What is the value of sum?

- Ans
- 1. ₹9000
  - 2. ₹7500
  - 3. ₹12000
  - 4. ₹10500

Q.17 If  $x^2 + \frac{1}{x^2} = 14$ , then what is the value of  $x^3 + \frac{1}{x^3}$ ? ( $x > 0$ )

- Ans
- 1. 48
  - 2. 42
  - 3. 50
  - 4. 52



**Q.18** A can complete a certain work in 30 days. B is 20% more efficient than A. C can complete  $\frac{2}{5}$  part of the same work in 8 days. A and B together complete  $\frac{11}{15}$  part of the work. The remaining work is completed by A and C together. In how many days was the entire work completed?

- Ans**
- 1.  $14\frac{2}{5}$
  - 2. 14
  - 3.  $13\frac{1}{5}$
  - 4. 13

**Q.19** A question is given, followed by three statements labelled I, II and III. Identify which of the statements is/are sufficient to answer the question.

Question:

What is the daily wages (in ₹) of one worker of type A?

Statements:

- I. In a factory, the ratio of the number of workers of type A, B and C is 9 : 4 : 1 and the ratio of daily wages of one worker of type A, B and C is 8 : 5 : 3. Total daily wages of all workers of type A, B and C is ₹57,000.
- II. The number of workers of type B is 20.
- III. The number of workers of type C is 5.

- Ans**
- 1. I and II or I and III
  - 2. I and II only
  - 3. I only
  - 4. I, II and III

**Q.20** A question is given, followed by three statements labelled I, II and III. Identify which of the statements is/are sufficient to answer the question.

Question:

How much time (in hours) will a boat take to go 25 km downstream?

Statements:

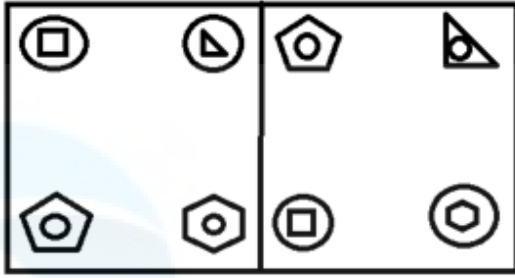
- I. The time taken by the boat to go a certain distance downstream is  $\frac{7}{10}$  of the time taken by it to go the same distance in still water.
- II. The boat takes 6 hours to go 49 km downstream and 14 km upstream.
- III. The ratio of the speed of the boat in still water and the speed of the current is 7 : 3.

- Ans**
- 1. I and II only
  - 2. II and III only
  - 3. I and II or II and III
  - 4. I and III only

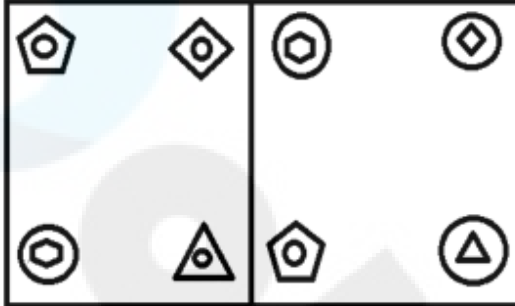
Q.1 Three of the following four figure pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

Ans

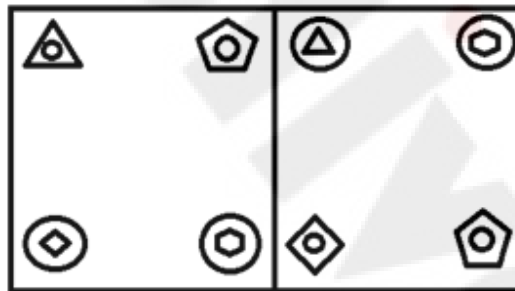
✗ 1.



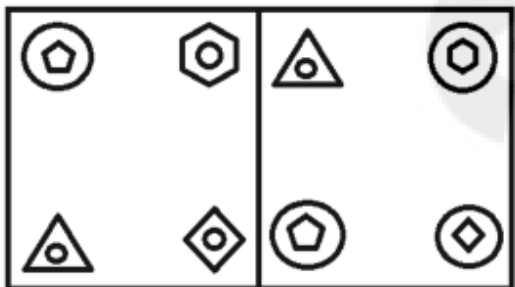
✗ 2.



✓ 3.



✗ 4.



**Q.2** There are seven players Animesh, Baman, Charan, Danish, Sachin, Rahul, and Kapil each of them likes to play different games Cricket, Football, Badminton, Tennis, Shooting, Race, and Swimming but not necessarily in same order are sitting around a circular table. Each of them is either facing the center or facing outside (opposite to the center).

- There are exactly five persons facing towards outside direction such that all five are sitting together.
- Sachin is sitting between person who likes to play Football and Rahul.
- Animesh is sitting third to the right of person who likes to play shooting and Animesh is facing towards center.
- Danish who likes to play Race is sitting between Baman and Rahul.
- Rahul who likes to play shooting is sitting third to the left of Charan who likes to play Badminton.
- Baman who likes to play Tennis is sitting immediate left of Charan.
- Charan is facing towards center
- Sachin is not likes to play cricket.

Which of the following statement is / are true based on the given arrangement?

- I. Sachin likes to Play Race.
- II. Baman likes to play Tennis and facing towards center.
- III. Charan likes to play Badminton and facing towards center.

- Ans**
- 1. Only II is true.
  - 2. All I, II and III are true.
  - 3. Only I is true.
  - 4. Only III is true.

**Q.3** In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

- I. No P is A.
- II. Some S are A.

Conclusion:

- I. No A is P.
- II. Some S are P.

- Ans**
- 1. Only conclusion II follows.
  - 2. Both conclusions I and II follows.
  - 3. Only conclusion I follows.
  - 4. Neither conclusion follows.

**Q.4** In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

161, 23

203, 29

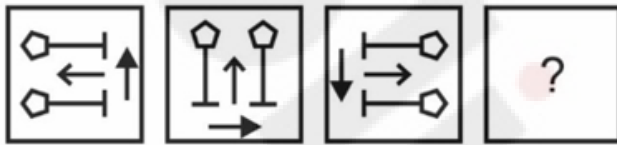
- Ans**
- 1. 224, 32
  - 2. 320, 24
  - 3. 410, 41
  - 4. 200, 25

**Q.5** In a certain code language, 'WSZ' is written as '68' and 'HTUI' is written as '58'. Which of the following are correct matches as per the given code language?

WORD	CODE
I. DANCE	(W) 75
II. XZY	(X) 49
III. NGHT	(Y) 27

- Ans**
- ✗ 1. I-X only
  - ✗ 2. III-Y , I-W only
  - ✓ 3. I-Y, II-W, III-X only
  - ✗ 4. I-X , II-W only

**Q.6** In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



- Ans**
- ✓ 1.
  - ✗ 2.
  - ✗ 3.
  - ✗ 4.

**Q.7** If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?



**Ans**

1.



2.



3.



4.



**Q.8** In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. Some K are P.

II. Some Z are K.

Conclusion:

I. Some Z are P.

II. Some K are Z.

**Ans**

1. Only conclusion I follows.

2. Only conclusion II follows.

3. Neither conclusion follows.

4. Both conclusions I and II follows.

**Q.9** After arranging the given words according to dictionary order, which word will come at 'Third' position?

1. Squire
2. Squib
3. Squeeze
4. Squirm
5. Squish

**Ans**

- 1. Squib
- 2. Squire
- 3. Squirm
- 4. Squish

**Q.10** After interchanging which two numbers, the value of the given equation will be '37'?

$$9 \times 7 + 4 \div 1 - 6$$

**Ans**

- 1. 4 and 1
- 2. 9 and 6
- 3. 9 and 4
- 4. 7 and 6

**Q.11** In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Q. A, B, C and D are four person of a family. How is C related to A?

- (I) A is B's father's nephew, and C is B's cousin but not the brother of A.  
(II) C is B's father's nephew, and D is B's cousin but not the brother of A.

**Ans**

- 1.  
Data in Statement I alone is sufficient to answer the question while data in statement II is not.
- 2. Data in statements I and II together are necessary to answer the question.
- 3. Data in statements I and II together are NOT sufficient to answer the question.
- 4.  
Data in Statement II alone is sufficient to answer the question while data in statement I is not.

**Q.12** Six movies M1, M2, M3, M4, M5 and M6 are released in months from January to June. M1 is not the first or last movie to be released. M3 is released just before M4 and just after M5. 4 movies are released between M2 and M6. Only 1 movie is released after M4. Which movie is released in February?

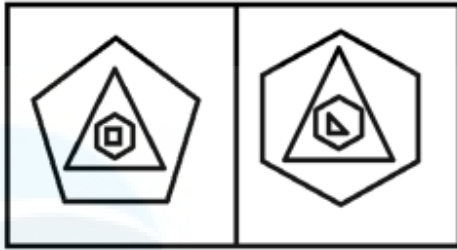
**Ans**

- 1. M1
- 2. M5
- 3. M2
- 4. M3

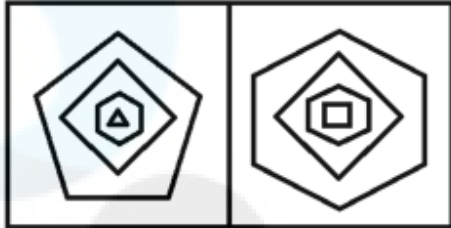
**Q.13** Three of the following four figure pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

**Ans**

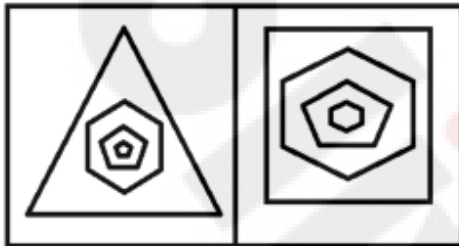
✓ 1.



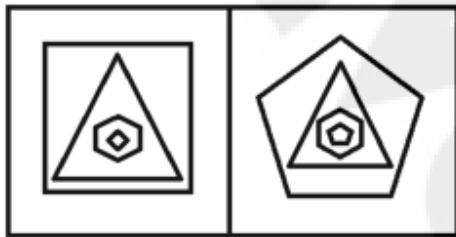
✗ 2.



✗ 3.



✗ 4.



**Q.14** P + Q means 'P is father of Q'  
 P - Q means 'P is mother of Q'  
 P × Q means 'P is daughter of Q'  
 P ÷ Q means 'P is son of Q'

Based on the above information, find out which of the given statements can be the reason/s behind the assertion made below if it is given that 'A ÷ B - C × D'

Assertion: A is brother of E?

Reason A: D + E

Reason B: E - C

**Ans** ✗ 1. Neither A nor B is the reason behind the assertion

✓ 2. Only A is the reason behind the assertion

✗ 3. Only B is the reason behind the assertion

✗ 4. Both A and B are reasons behind the assertion

**Q.15** Given below is a statement followed by possible reasons. Read the statement carefully and decide which one explains the event/observation/information given in the statement.

Statement - Artificial intelligence poses a greater threat to humanity than climate change.

- I. AI technology is bases of all development in human history.
- II. AI technology could lead to the development of autonomous weapons, creating a risk of accidental or malicious use.
- III. The potential for AI to surpass human intelligence raises ethical concerns about its control and decision-making power. years
- IV. Advances in AI could exacerbate existing social inequalities, leaving many people jobless and without income.

- Ans**
- 1. Only I and III
  - 2. Only II and III
  - 3. Only II, III and IV
  - 4. Only I and II

**Q.16** In the following question, select the missing number from the given series.

700, 697, 688, 661, 580, ?

- Ans**
- 1. 350
  - 2. 338
  - 3. 337
  - 4. 340

**Q.17** In the following question, four letter pairs are given. The letters on left side of (–) is related to the letters on the right side of (–) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

- Ans**
- 1. BQ – JY
  - 2. EI – MR
  - 3. LA – TI
  - 4. VK – DS

**Q.18** BE17 is related to DJ51 in a certain way. In the same way, GJ23 is related to NT69. Which of the following are correct matches following the same logic?

(i) RU17	(W) ZF69
(ii) KN19	(X) HN63
(iii) DG21	(Y) JP51
(iv) MP23	(Z) VB57

- Ans**
- 1. ii-W, iv-Z only
  - 2. i-Y, ii-X, iii-W only
  - 3. iii-Y , i-W only
  - 4. i-Y only

**Q.19** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

LRMC, OUPF, RXSI, UAVL, ?

- Ans**
- 1. XDYO
  - 2. XRTS
  - 3. XDTO
  - 4. XMRO



**Q.20** Read the following information about weight of 6 persons Pramod, Rahul, Fahad, Geeta, Anand and John who have different amount of money Rs. 500, Rs. 300, Rs. 450, Rs, 350, Rs, 600 and Rs. 550 but not necessarily in same order. The lightest have Rs.300 while heaviest have second highest amount of money. Fahad is lighter than Geeta who have Rs. 450. Anand is lighter than John but not as light as Geeta and Rahul. Pramod have Rs. 500. Fahad have highest amount of money. Pramod is lighter than Fahad but not the lightest.

Which of the following statement is true based on the above information?

- I. John is heaviest in all and have Rs. 550
- II. Rahul have Rs. 300.

- Ans**
- 1. Both I and II
  - 2. Only II
  - 3. Only I
  - 4. Neither I nor II

Section : English

**Q.1** Identify the grammatically correct form of the given sentence.

Sentence: Why are you coming off the children in my family?

- I. Why you are coming for the children in my family?
- II. Why are you coming after the children in my family?
- III. Why are you coming after the children at family?

- Ans**
- 1. Only I and II are correct
  - 2. Only I is correct
  - 3. Only I and III are correct
  - 4. Only II is correct

**Q.2** The five sentences labelled (1, 2, 3, 4, 5) given in this question. The last sentence is fixed and others when properly sequenced, form a coherent paragraph. Each sentence is labelled with a number. Decide on the proper order for the sentences and choose the correct option.

- 1. Soon afterwards, a dinner was hosted in the Crystal Ballroom of the Biltmore Hotel in downtown Los Angeles.
- 2. The Academy of Motion Picture Arts and Science was founded in 1927.
- 3. The main motto of this meeting was to discuss the new organisation's aims and goals.
- 4. While there were numerous pints that were discussed that night, one of the prime objectives that were talked about was to provide a way for recognising the excellent achievements in the field of motion picture production.
- 5. This would, in turn, become a driving force for people to achieve better levels of quality when it comes to cinema.

- Ans**
- 1. 43125
  - 2. 34125
  - 3. 21345
  - 4. 12345

Q.3 Identify the grammatically correct form of the given sentence.

Sentence: Carbon inequality is an measure of the difference in carbon pollution across society.

I. Carbon inequality is a measure of the difference in carbon pollution across society.

II. Carbon inequality is a measure of an difference in carbon pollution across society.

- Ans
- 1. Only I is correct
  - 2. Both I and II are correct
  - 3. Only II is correct
  - 4. Neither I nor II is correct

Q.4 Select the conclusion(s) that follow(s) based on the correct meaning of the word underlined in the following sentence.

Sentence:

Geriatrics has become a specialisation in most countries of the world. Conclusion:

(i) Specialists in this field are in demand as the average lifespan of humans has increased with advances in medicine.

(ii) More and more old-age homes for the destitute have sprung up in and around major cities.

(iii) Care of the elderly has become a serious problem in educated as well as affluent families.

- Ans
- 1. Only conclusion (i) and (iii)
  - 2. Only conclusion (ii) and (iii)
  - 3. Only conclusion (i)
  - 4. Only conclusion (ii)

Q.5 The sentences given below are numbered 1, 2, 3, 4, and so on.

They form a coherent paragraph when sequenced properly. Choose the option that gives the proper sequence.

1. In a formal relationship, on the other hand, feedback is given by an expert, usually an instructor, a more experienced colleague, or a professional editor.
2. Having an editorial relationship is a crucial part of the writing process as it helps in getting feedback on one's writing regularly.
3. No serious writer should go from draft to finished text without editorial assistance.
4. In an informal editorial relationship, peers read and offer feedback to one another about their writing.
5. This is because it is often difficult for a writer to view his or her writing from the perspective of an external reader.

- Ans
- 1. 12543
  - 2. 32541
  - 3. 35214
  - 4. 23415

Q.6 Select the conclusion(s) that follow(s) based on the correct meaning of the underlined segment in the following sentence.

Sentence:

It is not prudent to try to keep up with the Joneses.

Conclusion:

(i) Most employees are in the good books of their employers by saying 'Yes' to whatever their employers say.

(ii) As a result, many middle class families are unable to live a debt-free life.

(iii) People in the community respect the Joneses for their wisdom.

- Ans
- 1. Only conclusion (i) and (iii)
  - 2. Only Conclusion (iii)
  - 3. Only conclusion (i)
  - 4. Only conclusion (ii)

Q.7 Select the correct conclusion based on the meaning of the underlined word.

Statement: You always feel exhausted because you put too many irons in the fire.

Conclusion:

I. You try to do too many things at the same time.

II. You want to be the topic of every discussion.

- Ans
- 1. Only conclusion I is correct
  - 2. Both conclusion I and II are correct
  - 3. Neither conclusion I nor II is correct
  - 4. Only conclusion II is correct

Q.8 Match the following words with their antonyms.

	List I		List II
1	Cautious	A	Reckless
2	Gallant	B	Craven
3	Functional	C	Broken

- Ans
- 1. 1-B, 2-C, 3-A
  - 2. 1-C, 2-B, 3-A
  - 3. 1-C, 2-A, 3-B
  - 4. 1-A, 2-B, 3-C

Q.9 Identify the grammatically correct form of the given sentence.

Sentence: At tomorrow's event, I would play the role of the heroine.

I. At tomorrow's event, I will play the role of the heroine.

II. At tomorrow's event, I will be play the role of the heroine in the play.

- Ans
- 1. Both I and II are correct
  - 2. Neither I nor II is correct
  - 3. Only I is correct
  - 4. Only II is correct

Q.10 The passage given below has numbered blanks. Select the most appropriate option to fill in blank number 5.  
To avoid the various foolish opinions which mankind holds, no superhuman genius is required. A few simple rules will keep you, not from all error, but from silly error. If the matter is one that can be (1) \_\_\_\_\_ by observation, make the observation yourself. Aristotle could have avoided the mistake of (2) \_\_\_\_\_ that women have fewer teeth than men, by the simple device of asking Mrs Aristotle to keep her mouth open while he (3) \_\_\_\_\_. He did not do so because he thought he knew. Thinking that you know when in fact you don't is a fatal mistake, to which we are all (4) \_\_\_\_\_. I believe myself that hedgehogs eat black beetles, because I have been told that they do; but if I were writing a book on the habits of hedgehogs, I should not (5) \_\_\_\_\_ myself until I had seen one enjoying this unappetizing diet. Aristotle, however, was less cautious. Ancient and medieval authors knew all about unicorns and salamanders; not one of them thought it necessary to avoid dogmatic statements about them because he had never seen one of them.

- Ans
- 1. Prove
  - 2. Commit
  - 3. Justify
  - 4. Write

Q.11 Match the following words with their antonyms.

	List I		List II
1	Gullible	A	Protection
2	Jeopardy	B	Suspicious
3	Teensy	C	Giant

- Ans
- ✗ 1. 1-C, 2-B, 3-A
  - ✗ 2. 1-B, 2-C, 3-A
  - ✗ 3. 1-A, 2-B, 3-C
  - ✓ 4. 1-B, 2-A, 3-C

Q.12 Match the following words with their antonyms.

	List I		List II
1	Witty	A	Dynamic
2	Torpid	B	Delight
3	Nuisance	C	Lame

- Ans
- ✗ 1. 1-B, 2-A, 3-C
  - ✗ 2. 1-B, 2-C, 3-A
  - ✓ 3. 1-C, 2-A, 3-B
  - ✗ 4. 1-A, 2-B, 3-C

Q.13 Identify the grammatically correct form of the given sentence.

Sentence: Hardly had I clean the floor when all the children had arrived in the hall.

- I. Hardly had I cleaned the floor when all the children arrived in the hall.
- II. Hardly had I clean the floor than all the children arrived in the hall.
- III. Hardly had I clean the floor when all the children arriving in the hall.

- Ans
- ✗ 1. Only I and II are correct
  - ✗ 2. Only III is correct
  - ✓ 3. Only I is correct
  - ✗ 4. Only II and III are correct

- Q.14** Select the conclusion(s) that follow(s) based on the correct meaning of the word underlined in the following sentence.  
Sentence:  
Mahatma Gandhi and Martin Luther King Jr. were altruists.  
Conclusion:  
(i) Such people do not desire any personal gain from their service.  
(ii) They are enamoured of public acclaim and glory, though.  
(iii) It is very rare to come across such selfless human beings.
- Ans**
- 1. Only conclusion (ii) and (iii)
  - 2. Only conclusion (i) and (iii)
  - 3. Only conclusion (ii)
  - 4. Only conclusion (i)

**Q.15** Select the option in which the word 'connoisseur' is used correctly.

- Ans**
- 1. A new connoisseur was posted to the town to bring order.
  - 2. A connoisseur and a novice can be given the same job to control law and order.
  - 3. Only a connoisseur can tell the difference between a fake painting and an original painting.
  - 4. Every thief is a connoisseur of sorts when it comes to escaping the law.

**Q.16** Select the option in which the word 'nadir' is used correctly.

- Ans**
- 1. The recent court ruling sentencing the politician on criminal charges marked the nadir in his political career.
  - 2. Tenzing Norgay reached the nadir of the Everest summit and created history.
  - 3. The Sahitya Academy Award was announced in recognition of the nadir in the writer's literary achievements.
  - 4. The nadir of a man's life comes when he feels happy about his selfless service to mankind.

**Q.17** Four sentences are given as options. Choose the option that contains the odd sentence.

- Ans**
- 1. I have a BE degree in mechanical engineering from Anna University.
  - 2. I have been working as a supervisor in a manufacturing company for four years.
  - 3. I have a fair complexion, short hair and a smiling face, which my friends like about me.
  - 4. I would like to be considered for the post of service engineer in your company.

**Q.18** Which of the following statements uses the idiom correctly?

(i) For a very long time some of the provisions of the criminal code have remained a dead letter.

(ii) Many new schemes to benefit the poor and the marginalized are announced during election campaigns, but many of them remain a dead letter in implementation.

(iii) The opening of the newest facility in airports was a dead letter day for the flyers.

- Ans**
- 1. Only statements (i) and (iii)
  - 2. Only statements (ii) and (iii)
  - 3. All the statements
  - 4. Only statements (i) and (ii)

Q.19 Select the correct conclusion based on the meaning of the underlined word.

Statement: My parents think that my problems are small potatoes.

Conclusion:

- I. His parents take him for granted.
- II. His parents find his problems funny.
- III. His parents think that his problems are unimportant.

- Ans
- 1. Only conclusion III is correct
  - 2. Only conclusion I is correct
  - 3. Only conclusion I and II are correct
  - 4. Only conclusion I and III are correct

Q.20 The sentences given below are numbered 1, 2, 3, 4, and so on. They form a coherent paragraph when sequenced properly. Choose the option that gives the proper sequence.

- 1. Collective fear stimulates herd instinct, and tends to produce ferocity toward those not regarded as members of the herd.
- 2. And for this reason poltroons are more prone to cruelty and superstition than brave men.
- 3. Fear generates impulses of cruelty, and therefore promotes such superstitious beliefs that seem to justify cruelty.
- 4. So it was in the French Revolution, when fear of foreign armies produced the reign of terror.
- 5. Neither a man nor a crowd nor a nation can be expected to act humanely or think sanely when under the influence of a great fear.

- Ans
- 1. 14352
  - 2. 13245
  - 3. 15432
  - 4. 13542

# INTELLIGENCE BUREAU

(Ministry of Home Affairs)

Government of India

Test Center Name	Dr. Kalam Academy
Test Date	18/01/2024
Test Time	5:30 PM - 6:30 PM
Subject	IB ACIO II Exe

## Section : Current Affairs

**Q.1** Which of the following is/are TRUE regarding Karthikeyan Murali?

1. In a remarkable chess feat in October 2023, the 24-year-old Indian chess grandmaster, Karthikeyan Murali, delivered a stunning blow to the world's number one player, Magnus Carlsen.
2. Karthikeyan's victory in the classical chess format at the ongoing Qatar Masters marked only the third instance where an Indian player emerged triumphant against Carlsen.
3. Karthikeyan's win occurred in the seventh round of the tournament, where he skillfully wielded the black pieces.

- Ans**
- 1. 2 & 3 only
  - 2. 1,2 &3
  - 3. 1 & 3
  - 4. 1 & 2 only

**Q.2** What is the theme of the World Economic Forum (WEF) Annual Meeting 2023?

- Ans**
- 1. Conflict in a Fragmented World
  - 2. Correlation in a Fragmented World
  - 3. Cooperation in a Fragmented World
  - 4. Competition in a Fragmented World

**Q.3** Find the CORRECT statement/s about VAJRA PRAHAR 2023?

1. Exercise VAJRA PRAHAR is a joint exercise conducted between Indian Navy and US Navy Special Forces.
2. The 14<sup>th</sup> Edition commenced at the Joint Training Node, Umroi on 21<sup>st</sup> November,2023.
3. The US contingent is represented by personnel from the 1<sup>st</sup> Special Forces Group (SFG) of US Special Forces.
4. It aims at sharing best practices and experiences in areas such as joint mission planning and operational tactics.

- Ans**
- 1. 1,2 and 3 only
  - 2. 2,3 and 4 only
  - 3. 1,2,3 and 4
  - 4. 1,4 and 3 only

**Q.4** Which of the following statement is correct about Intersolar Europe 2023 exhibition?

I. It was held in Munich, Germany from 14th to 16th June, 2023.

II. Indian Renewable Energy Development Agency (IREDA) participated in the three-day "Intersolar Europe 2023" exhibition.

- Ans**
- 1. Neither I nor II
  - 2. Only I
  - 3. Both I and II
  - 4. Only II

**Q.5** Which of the following is / are the CORRECT statement(s) regarding awards approved on the eve of independence day 2023 to Armed Forces and Central Armed Police Forces personnel?

1. President Smt Droupadi Murmu approved 76 Gallantry awards.
2. These include nine posthumous to Armed Forces & CAPF personnel.

- Ans**
- 1. 2 only
  - 2. Neither 1 nor 2
  - 3. Both 1 and 2
  - 4. 1 only

**Q.6** Name the award received by the following scientists in January 2023.

1. Shri Khadar Valli Dudekula
2. Shri Modadugu Vijay Gupta
3. Shri Ganesh Nagappa Krishnarajanagara
4. Shri Arvind Kumar

- Ans**
- 1. Padma Vibhushan
  - 2. Padma Shri
  - 3. Bhatnagar Prizes
  - 4. Padma Bhushan

**Q.7** Which of the following statement is correct about Constitution (105th Amendment) Act 2021?

I. President Droupadi Murmu has given her assent to the Constitution (105th Amendment) Act 2021.

II. This Act restores the power of State Governments to identify and specify Socially and Economically Backward Classes (SEBCs).

- Ans**
- 1. Only I
  - 2. Only II
  - 3. Neither I nor II
  - 4. Both I and II



**Q.8** Which of the following statement is/are CORRECT about Uttarakhand Public Services (Horizontal Reservation for Women) Bill, 2022?

1. On October 12, 2022, the Uttarakhand state cabinet authorised chief minister Pushkar Singh Dhami for bringing an ordinance on the issue of women's reservation in the state government jobs.
2. Uttarakhand Public Services (Horizontal Reservation for Women) Bill, 2022, was passed by state assembly in November 2022.
3. The Bill seeks to provide 35 per cent reservation to women in government jobs in order to ensure social justice, equality of opportunity, improvement in living standards and gender equality in public planning.

- Ans**
- 1. 2 only
  - 2. 1 and 3 only
  - 3. 3 only
  - 4. 1 and 2 only

**Q.9** Which of the following statement is correct about Khelo India Para Games, 2023?

- I. The 1st edition of Khelo India Para Games 2023 is being organized from 10th -17th December 2023.
- II. Khelo India Para Games 2023 will held across 3 venues in the city of Delhi across 7 sports Disciplines (Para Archery, Par Athletics, Para Badminton, Para Table Tennis, Para Powerlifting, CP Football, Para Shooting).

- Ans**
- 1. Only II
  - 2. Only I
  - 3. Both I and II
  - 4. Neither I nor II

**Q.10** Which of the following statement is/are INCORRECT about the announcement made by Central Government in November 2023 regarding modification to Senior Citizen's Savings Scheme?

1. The amended Senior Citizen's Savings (Fourth Amendment) Scheme, 2023, now allows depositors to extend their accounts multiple times upon maturity to benefit from its attractive interest rates for a shorter period.
2. The ministry has also amended the rules to not to allow premature closure of PPF account and changed the rules governing premature withdrawal under the National Savings Time Deposit scheme.

- Ans**
- 1. 2 only
  - 2. Neither 1 nor 2
  - 3. 1 and 2
  - 4. 1 only

**Q.11** Which of the following statement is/are CORRECT about India's updated Nationally Determined Contribution (NDC)?

1. In August 2023, Cabinet approved India's Updated Nationally Determined Contribution to be communicated to the United Nations Framework Convention on Climate Change.
2. This update to India's existing NDC translates the 'Panchamrit' announced at COP 26 into enhanced climate targets.
3. The update is a step towards achieving India's long term goal of reaching net-zero by 2070.
4. As per the updated NDC, India now stands committed to reduce Emissions Intensity of its GDP by 45 percent by 2030

- Ans**
- 1. 1 and 2 only
  - 2. 3,2,and 4 only
  - 3. 3 and 4 only
  - 4. 1,2,3 and 4

**Q.12** Prime Minister Shri Narendra Modi has released India's 6G Vision "Bharat 6G Vision" document on March 23, 2023 which envisages India to be a front-line contributor in design, development and deployment of 6G technology \_\_\_\_\_.

- Ans**
- 1. by 2028
  - 2. by 2035
  - 3. by 2025
  - 4. by 2030

**Q.13** Which of the following statement is correct about International Craft Summit 2023?

I. Odisha Chief Minister Naveen Patnaik in January 2023 inaugurated an 'International Craft Summit' in Jaipur.

II. International delegates from 15 countries have arrived in Jaipur to engage with local artisans and other stakeholders, informed the government.

- Ans**
- 1. Only II
  - 2. Both I and II
  - 3. Neither I nor II
  - 4. Only I

**Q.14** The Union Cabinet chaired by the Prime Minister Shri Narendra Modi has approved the eCourts Project Phase III as a Central Sector Scheme spanning four years with financial outlay of Rs.7210 crore. As part of the National eGovernance Plan, the e-Courts Project is under implementation since 2007 for ICT enablement of the Indian Judiciary the Phase II of which has concluded in \_\_\_\_\_.

- Ans**
- 1. 2021
  - 2. 2020
  - 3. 2022
  - 4. 2023

**Q.15** The Gazette notification to bring which of the following temple of Odisha to the protected monument list of Archaeological Survey of India (ASI) came on May 5 2023?

- Ans**
- 1. Brahmewara Temple
  - 2. Mukteswara Temple
  - 3. Kapileshwar temple
  - 4. Jagannath Temple

**Q.16** Which of the following statement is correct about cyclone Michaung 2023?

I. The name of the cyclone 'Michaung' was proposed by Myanmar, which signifies resilience and fortitude.

II. This is the sixth cyclone to develop in the Indian Ocean in 2023 and the fourth to form in the Bay of Bengal.

- Ans**
- 1. Neither I nor II
  - 2. Only II
  - 3. Both I and II
  - 4. Only I

**Q.17** Which of the following statement(s) is/ are correct about IIT Guwahati and ISRO Researchers Discovery of X-Ray Polarization in Extragalactic Black Hole Source in November 2023?

1. Large Magellanic Cloud X-3 (LMC X3) is a binary star system consisting of a black hole and a 'normal' star that is much hotter, bigger, and more massive than the Sun.
2. It is located in a satellite galaxy of our Milky Way, nearly 200,000 light-years away from Earth. Since its discovery in 1971, it has been observed by various satellites.

- Ans**
- 1. Neither 1 nor 2
  - 2. 1 only
  - 3. Both 1 & 2
  - 4. 2 only

**Q.18** Which of the following statement is/are CORRECT about Abua Bir Dishom Abhiyan?

1. On November 6,2023, the Jharkhand government launched Abua Bir Dishom Abhiyan.
2. “Abua Bir Dishom Abhiyan” provides land title certificates to individuals and communities under the Forest Rights Act.
3. The titles cover areas such as grazing, fishing, access to water bodies, resource access, recognition of customary rights, among others.
4. The drive has been launched after nine years.

- Ans**
- 1. 1 and 2 only
  - 2. 3 and 4 only
  - 3. 2 and 3 only
  - 4. 1,2,3 and 4

**Q.19** Bharatiya Nyaya Sanhita Bill, 2023, will replace which of the following Act?

- Ans**
- 1. Indian Evidence Act, 1872
  - 2. The Indian Penal Code, 1860
  - 3. The Code of Civil Procedure, 1908
  - 4. Criminal Procedure Code, (1898), 1973

**Q.20** Which of the following statement is/are Incorrect about Himalaya Project recently resolved to declare Yaya Tso.

1. The panchayat of Chumathang village, along with GoI-UNDP-GEF SECURE Himalaya Project recently resolved to declare Yaya Tso as Ladakh's 3<sup>rd</sup> Biodiversity Heritage Site.
2. The resolution was signed on 17th December 2023 after multiple rounds of consultations between the village stakeholders and SECURE Himalaya Project to declare the high-altitude lake and its catchment as a Biodiversity Heritage Site.
3. The proposed Yaya Tso BHS will have an approximate area of 160 sq. km. which will also include the lake's watershed.

- Ans**
- 1. 2 only
  - 2. 1,2 and 3
  - 3. 3 and 2 only
  - 4. 1 only

Section : General Studies

**Q.1** Who was the revenue minister of Akbar?

- Ans**
- 1. Mulla Do-Piyaza
  - 2. Birbal
  - 3. Maansingh
  - 4. Todar Mal

**Q.2** At the time of independence, the variety of industries was very narrow and largely confined to which of the following?

- I. Cotton textile
- II. Jute

- Ans**
- 1. Only I
  - 2. Only II
  - 3. Neither I nor II
  - 4. Both I and II

**Q.3** Who among the following is Not part of Parliament of India?

- Ans**
- 1. Legislative Council
  - 2. House of the People
  - 3. Council of State
  - 4. President

**Q.4** Which of the following statement is correct about Dhamek stupa?

I. Dhamek Stupa is the most noticeable structure in Sarnath, near Varanasi.

II. The Stupa is 28 meters in diameter at the base and 43.6 meters in height, built partly of stone and partly of brick.

- Ans**
- 1. Both I and II
  - 2. Neither I nor II
  - 3. Only I
  - 4. Only II

**Q.5** The National Forestry Action Plan identified which of the following interrelated basic issues confronting forestry development in India?

1. Protect existing forests resources
2. Improve forest productivity
3. Expand forest area by tree plantation on non-forest lands only
4. Strengthen the policy and institutional framework

- Ans**
- 1. 1, 3, 4 only
  - 2. 2, 3, 4 only
  - 3. 1, 2, 4 only
  - 4. 1, 2, 3 only

**Q.6** Which of the following statements is/are correct with respect to 'Indian States' Energy Transition' 2023, prepared by the Institute for Energy Economics and Financial Analysis (IEEFA) along with EMBER and published in February 2023?

Statement 1: Tamil Nadu and Gujarat are the Indian states making the most progress in overall preparedness and commitment in the transition to clean electricity.

Statement 2: The report analyses 16 Indian states, which together account for 90% of the country's annual power requirement.

Statement 3: The report has measured the performance of 16 states in terms of four dimensions, i.e., decarbonisation, performance of the power system, readiness of the power ecosystem, and policies and political commitments.

- Ans**
- 1. Only 1
  - 2. 1, 2 and 3
  - 3. Only 2 and 3
  - 4. Only 1 and 2

Q.7 In which of the following part of Indian constitution fundamental duties are inserted?

I. Part IVA

II. Part IV

- Ans
- 1. Only I
  - 2. Neither I nor II
  - 3. Only II
  - 4. Both I and II

Q.8 Consider the following functions of a Local Government in India.

1. Ensuring safe and continuous water supply
2. Providing electricity
3. Establishment of and maintenance of libraries and reading rooms.

Which of the above is/are its discretionary functions?

- Ans
- 1. Only 3
  - 2. Only 2 and 3
  - 3. Only 1
  - 4. Only 1 and 2

Q.9 Consider the Following statements about Pandita Rama Bai.

1. She was amongst the important women social reformers in Maharashtra.
2. In 1890, she started Sharda Sadan, a home for widows.
3. Her book titled Amar Jiban is the first known autobiography written by an Indian woman.
4. She started the Vidhava Vivaha Uttejaka Mandal (Society for Encouragement of Widow Marriage) in 1865.

Which of the given statements are correct?

- Ans
- 1. 1 and 2 only
  - 2. 2, 3 and 4 only
  - 3. 2 and 3 only
  - 4. 3 and 4 only

Q.10 The environment impact assessment consists of a number of steps with each step equally important in determining the overall performance of the project. Arrange the following steps in correct chronological order.

1. Scoping
2. Impact-analysis
3. Screening
4. Mitigation

- Ans
- 1. 3, 2, 4, 1
  - 2. 1, 2, 3, 4
  - 3. 4, 3, 2, 1
  - 4. 3, 1, 2, 4

**Q.11** In the context of open economy, forex stands for which of the following?

- Ans**
- 1. Formal expenditure ratio
  - 2. Foreign expenditure ratio
  - 3. Formal exchange rate
  - 4. Foreign exchange rate

**Q.12** Which of the following is a risk associated with implementation of green revolution in India?

I. It would Possibly increase the disparities between small and big farmers.

II. HYV crops were also more prone to attack by pests and the farmers who adopted this technology could lose everything in a pest attack.

- Ans**
- 1. Only II
  - 2. Only I
  - 3. Neither I nor II
  - 4. Both I and II

**Q.13** Section 3 of the Official Language Act 1963 provides important provisions relating to official language for Union and for use of Parliament I.

Consider the following statements as per Section 3(3) of the Official Language Act of 1963 about the use of both Hindi and the English languages:

1. Both Hindi and English languages shall be used for resolutions, general orders, rules, notifications, administrative or other reports or press communiques issued or made by the Central Government or by a Ministry.

2. Administrative and other reports and official papers laid before a House or the Houses of Parliament shall be in both Hindi and English languages.

3. Contracts and agreements executed, and licenses, permits, notices and forms of tender issued, by or on behalf of the Central Government or any Ministry shall be in both Hindi and English languages.

Which of the given statements are correct?

- Ans**
- 1. 1 and 2 only
  - 2. 2 and 3 only
  - 3. 1 and 3 only
  - 4. 1, 2 and 3

**Q.14** Which of the following statement is correct about Great Himalaya?

I. The folds of Great Himalayas are symmetrical in nature.

II. The core of this part of Himalayas is composed of granite.

- Ans**
- 1. Only II
  - 2. Both I and II
  - 3. Only I
  - 4. Neither I nor II

**Q.15** Consider the following statements about the reign of Humayun.

1. When Humayun came into power in 1530, the newly conquered territories and administration were not consolidated.
2. He also confronted the hostility of the Afghans, mainly Sher Khan in Bihar, on the one hand and Bahadur Shah, the ruler of Gujarat, on the other.
3. The Chaghatai nobles were in favourably inclined towards him and the Indian nobles, who had joined Babur's service, supported the Mughals at Humayun's accession.

Which of the given statements is/are correct?

- Ans**
- ✓ 1. 1 and 2 only
  - ✗ 2. 2 and 3 only
  - ✗ 3. 1 and 3 only
  - ✗ 4. Only 1

**Q.16** Match List I with List II.

LIST I	LIST II
1. The two Itihāsas or Epics	A. Manuals of worship
2. The Āgamas	B. The codes of law
3. The Dharma Śāstras	C. Philosophical schools
4. The Darśhans	D. Ramayana and Mahabharata

- Ans**
- ✓ 1. 1-D, 2-A, 3-B, 4-C
  - ✗ 2. 1-B, 2-A, 3-D, 4-C
  - ✗ 3. 1-D, 2-C, 3-A, 4-B
  - ✗ 4. 1-D, 2-A, 3-C, 4-B

**Q.17** Who among the following is seventh Siikh guru?

- Ans**
- ✗ 1. Guru Har Kishan
  - ✓ 2. Guru Har Rai
  - ✗ 3. Guru Teg Bahadur
  - ✗ 4. Guru Hargobind

**Q.18** Which of the following countries does not share land boundary with India?

- Ans**
- ✗ 1. Bangladesh
  - ✗ 2. Bhutan
  - ✗ 3. Myanmar
  - ✓ 4. Tajikistan

**Q.19** The Iron Age in North India is archaeologically represented by assemblages that mainly contain which of the following particular pottery types?

I. Painted Grey Ware (PGW)

II. Northern Black Polished Ware (NBPW)

- Ans**
- 1. Only II
  - 2. Both I and II
  - 3. Only I
  - 4. Neither I nor II

**Q.20** Which of the following statements about the Comptroller and Auditor-General of India are correct?

1. The Office of the Comptroller and Auditor General had its beginning in 1919.
2. The organisation that C&AG heads is known as Indian Audit and Accounts Department (IA and AD).
3. The office of the C&AG with its Headquarters at New Delhi is a vast organisation being the single audit authority for the Central, State and Union Territory Governments and local bodies.
4. C&AG was elected for the first time to the Board of Auditors of the UN with effect from July 1991.

- Ans**
- 1. Only 1 and 2
  - 2. Only 1 and 4
  - 3. Only 2 and 3
  - 4. Only 3 and 4

Section : Numerical Aptitude

**Q.1** If A1 is 19 times more than A2, then A2 is what percentage less than A1?

- Ans**
- 1. 85 percent
  - 2. 105 percent
  - 3. 95 percent
  - 4. 100 percent

**Q.2** What is the value of  $\frac{72-(25\div 5)\times 2}{6\times 5+1}$  ?

- Ans**
- 1. 4
  - 2. 3
  - 3. 2
  - 4. 1

**Q.3** Bala has thrice as much amount as that of Lalit and Lalit has 10 percent more amount than Vimal. If the average amount of all three of them is ₹1350, then how much amount is with Bala?

- Ans**
- 1. ₹2455
  - 2. ₹2465
  - 3. ₹2355
  - 4. ₹2475



**Q.4** The ratio of alcohol and water in solutions A and B is 3 : 5 and 5 : 7, respectively. Two litres of A is mixed with 5 litres of B and 3 litres of alcohol is also added to it to get a new solution C. In 1.5 litres of solution C, how much alcohol (in ml) should be mixed so that the ratio of alcohol and water in the final solution becomes 2 : 1?

- Ans**
- 1. 405
  - 2. 385
  - 3. 395
  - 4. 375

**Q.5** Which of the following statements is/are correct?

- (a) A number is divisible by 125, if the last three digits of the number form a number that is divisible by  $5^3$ .
- (b) If a number is divisible by two numbers, then it is divisible by the product of the two numbers.
- (c) A number is divisible by 36, if the number is divisible by 4, 6 and 12.

- Ans**
- 1. (b) and (c)
  - 2. (a) and (b)
  - 3. (a) only
  - 4. (b) only

**Q.6** The cost of a motorbike is 75% less than the cost of a car. The cost of a car decreases by 25% and that of a motorbike increases by 40%.

Statement I: The new cost of a motorbike is  $53\frac{1}{3}\%$  less than the new cost of a car.

Statement II: The total new cost of one car and two motorbikes is  $3\frac{1}{3}\%$  more than their total initial cost.

Which of the above statements is/are correct?

- Ans**
- 1. Neither I nor II
  - 2. I only
  - 3. Both I and II
  - 4. II only

**Q.7** The average age of a group of 13 men is 55 years. 2 men leave the group and the average age of group increases by 1 year. What is the average age of 2 men who left the group?

- Ans**
- 1. 48.5 years
  - 2. 50 years
  - 3. 49.5 years
  - 4. 50.5 years

**Q.8** If  $x + y + z = 10$  and  $x^2 + y^2 + z^2 = 80$ , then what is the value of  $4xy + 4yz + 4zx$ ?

- Ans**
- 1. 10
  - 2. 40
  - 3. 30
  - 4. 20

Q.9 Select the option that is true regarding the following labelled Assertion (A) and Reason (R).

Assertion (A)	Reason (R)
The system of equations: $9x + 6y = 11$ and $7x + ky = 9$ has no solution, if $k = \frac{14}{3}$ .	System of equations $ax + by = c$ $dx + ey = f$ has no solution, if $\frac{a}{d} = \frac{b}{e} \neq \frac{c}{f}$

- Ans
- 1. A is true and R is false.
  - 2. A is false and R is true.
  - 3. Both A and R are true but R is not a correct explanation of A.
  - 4. Both A and R are true and R is a correct explanation of A.

Q.10 Two trains C and D starts moving from stations R and S respectively towards each other. Trains take 4 hours 16 minutes and 3 hours 45 minutes to reach S and R respectively after they meet each other. If the speed of train C is 60 km/hr, then what is the speed of the train D?

- Ans
- 1. 72 km/hr
  - 2. 64 km/hr
  - 3. 48 km/hr
  - 4. 56 km/hr

Q.11 Naman sells an item at ₹  $x$ , after giving two successive discounts each of 10% on its marked price. If he does not give any discount on the marked price, he earns a profit of 25%. The cost price of the item is ₹800. What is the value of  $x$ ?

- Ans
- 1. 840
  - 2. 830
  - 3. 810
  - 4. 820

Q.12 Anil sells two pens at the rate of ₹1500 per pen. He earns a profit of 25 percent on one pen and loses 25 percent on the other pen. What will be the total profit or loss in whole transaction?

- Ans
- 1. ₹200 loss
  - 2. ₹150 loss
  - 3. ₹250 profit
  - 4. ₹280 profit

**Q.13** A question is given, followed by three statements labelled I, II and III. Identify which of the statements is/are sufficient to answer the question.

Question:

What is the total expense when the hostel has 189 occupants?

Statements: Total expenses of the hostel consist of two parts: one varies directly with the number of occupants and the other is fixed.

- I. When it had 150 occupants, its total expense was ₹79,500.
- II. When it had 240 occupants, its total expense was ₹1,15,500.
- III. When it had 200 occupants, its total expense was ₹99,000.

- Ans**
- 1. I and II or I and III
  - 2. I and II only
  - 3. I, II and III
  - 4. I only

**Q.14** When 860, 1712 and 3203 are divided by a two-digit number  $x$ , then the remainder in each case is  $y$ . If  $(2x + y)$  is written as  $p \times q \times r^2$ , where  $p, q$  and  $r$  are prime numbers, then what is the value of  $(p + q + r)$ ?

- Ans**
- 1. 12
  - 2. 10
  - 3. 16
  - 4. 15

**Q.15** A sum of ₹2600 is lent out at simple interest in two parts. One part at at the annual rate of 18 percent and another part at the annual rate of 25 percent. If the total annual interest is ₹520, then what is the sum lent out at the rate of 25 percent per annum?

- Ans**
- 1. ₹742.85
  - 2. ₹642.68
  - 3. ₹657.66
  - 4. ₹798.89

**Q.16** The sum of two numbers is 176 and their difference is 16. What is the ratio of the two numbers?

- Ans**
- 1. 6 : 5
  - 2. 6 : 1
  - 3. 5 : 2
  - 4. 3 : 2

**Q.17** A person borrows some money for 2 years at a certain rate of simple interest. If the ratio of principal and total interest is 5 : 4, then what is the annual rate of interest?

- Ans**
- 1. 40 percent
  - 2. 48 percent
  - 3. 35 percent
  - 4. 50 percent

**Q.18** Pipes A and B can fill a tank in 6 hours and 15 hours, respectively. Pipe C is a drain pipe. When all the three pipes are opened together for 6 hours, then 65% of the tank is filled. Initially, pipes A and C are opened together for 8 hours and then C is closed and B is opened. Pipes A and B together will fill the remaining part of tank in \_\_\_\_\_ hours.

- Ans**
- 1.  $2\frac{3}{7}$
  - 2.  $3\frac{1}{3}$
  - 3.  $3\frac{2}{3}$
  - 4.  $2\frac{6}{7}$

**Q.19** A and B run a  $5\frac{1}{2}$  km race on a 500 m long circular track starting from the same point, simultaneously, in the same direction. The speed of A is 50% faster than B.

Which of the following statements is/are correct?

Statement I: A and B meet for the first time after starting the race when A covers 1200 m.

Statement II: A meets B three times during the race.

- Ans**
- 1. II only
  - 2. Neither I nor II
  - 3. I only
  - 4. I and II

**Q.20** In a class, the ratio of the number of boys to that of girls is 3 : 5. The number of students who passed to that of who failed is 7 : 3. Among boys, the number of those who passed to those who failed is in the ratio 2 : 1. Among girls, what is the ratio of the number of girls who passed to those who failed?

- Ans**
- 1. 15 : 8
  - 2. 9 : 4
  - 3. 18 : 7
  - 4. 12 : 5

Section : Reasoning and Logical Aptitude

**Q.1** If  $29A + 17B + 20 = 32$  and  $33A + 14B + 10 = 29$ , then  $11A + 8B + 3 = ?$

- Ans**
- 1. 11
  - 2. 8
  - 3. 6
  - 4. 9

**Q.2** In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. All Math are Science.

II. Some Science are Hindi.

Conclusion:

I. No Hindi are Math.

II. All Hindi are Science.

- Ans**
- 1. Both conclusions I and II follows.
  - 2. Only conclusion II follows.
  - 3. Only conclusion I follows.
  - 4. Neither conclusion follows.

**Q.3** In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. No G are M.

II. Some A are M.

Conclusion:

I. Some M are A.

II. Some M are G.

- Ans**
- 1. Only conclusion I follows.
  - 2. Both conclusions I and II follows.
  - 3. Neither conclusion follows.
  - 4. Only conclusion II follows.

**Q.4** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

RT, WE, BP, GA, ?

- Ans**
- 1. LL
  - 2. LM
  - 3. LT
  - 4. LR

**Q.5** After arranging the given words according to dictionary order, which word will come at 'Fifth' position?

1. Source
2. Sound
3. Soup
4. Sour
5. Soul

**Ans**

- 1. Soup
- 2. Sound
- 3. Source
- 4. Soul

**Q.6** MPQO is related to PMTL in a certain way based on the English alphabetical order. In the same way, DGHF is related to GDKC. Which of the following are correct matches following the same logic?

(i) DRGB	(W) NKRJ
(ii) KNOM	(X) GOJY
(iii) RGJL	(Y) PIDM
(iv) MLAP	(Z) UDMI

**Ans**

- 1. iii-Y , i-W only
- 2. ii-W only
- 3. i-Y only
- 4. i-Y, ii-X, iii-W only

**Q.7** In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Which numbers should replace X and Y so that the pattern followed by the two numbers on the left side of :: is same as that on the right side of :: ?

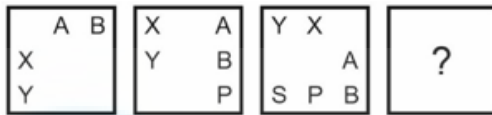
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

X : 56 :: 11 : Y

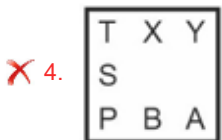
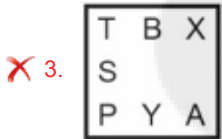
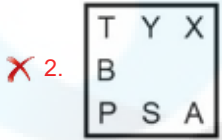
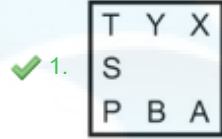
**Ans**

- 1. X=8, Y=144
- 2. X=7, Y=144
- 3. X=7, Y=132
- 4. X=8, Y=132

**Q.8** In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



**Ans**



**Q.9** Six friends Mayank, Varisha, Raju, Laxmi, Shivani and Meena who scored different marks in exam out of 100 but not necessarily in same order. Laxmi who scored 76 marks is younger than Mayank but older than Meena and Shivani. Varisha is younger than Raju who scored 98 marks. Difference of Raju and Varisha's marks is 11. Maynk's marks is just reverse digit of Varisha's marks. Mayank is younger than Varisha. Shivani is not the youngest among all. Meena scored 55 marks while Shivani scored 12 marks more than Meena and 9 Marks less than Laxmi.

Which of the following statement is true based on the above information?

- I. Varisha is youngest in all.
- II. Laxmi scored 76 marks.

**Ans**

✗ 1. Both I and II

✗ 2. Neither I nor II

✓ 3. Only II

✗ 4. Only I

**Q.10** Six lectures A1, A2, A3, A4, A5 and A6 are to be organized in a span of seven days from Sunday to Saturday. Only one lecture on each day in accordance with the following:

I. There should be a gap of two days between A5 and A4.

II. A2 should be organised on Tuesday and should not be organized just before A4.

III. A1 should not be organized on Thursday.

IV. One day there will be no lecture (Friday is not that day), just before that day A4 will be organised.

V. A3 should be organised immediately after A6.

On which day there is no lecture?

- Ans**
- 1. Monday
  - 2. Thursday
  - 3. Tuesday
  - 4. Saturday

**Q.11** In the following question, four letter pairs are given. The letters on left side of (–) is related to the letters on the right side of (–) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

- Ans**
- 1. NP – TW
  - 2. ET – KZ
  - 3. XM – DS
  - 4. OW – UC

**Q.12** 'P × Q means that P is the daughter of Q,

P – Q means that P is the sister of Q,

P + Q means that P is the father of Q

Based on the above information, find out which of the given statements can be the reason/s behind the assertion made below if it is given that "M – N + O × L".

Assertion: L is daughter in law of J?

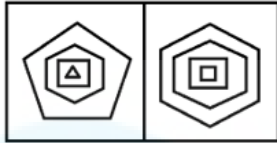
Reason A: J × M

Reason B: J + M

- Ans**
- 1. Neither A nor B is the reason behind the assertion
  - 2. Only A is the reason behind the assertion
  - 3. Only B is the reason behind the assertion
  - 4. Both A and B are reasons behind the assertion

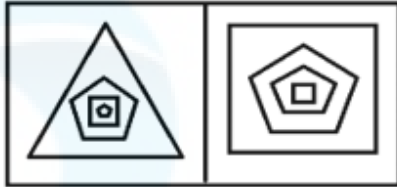


**Q.13** In this figure, first figure is related to second figure following a certain pattern. Choose from among the alternatives, the figure pair, in which the two figures are related following the same pattern.

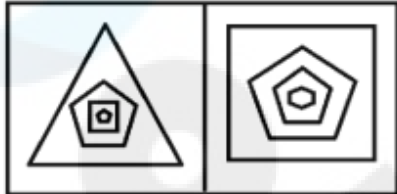


**Ans**

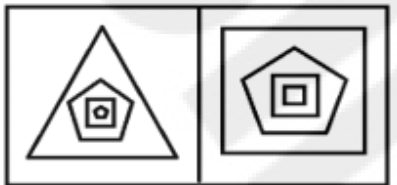
✗ 1.



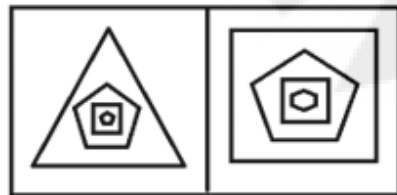
✗ 2.



✗ 3.



✓ 4.



**Q.14** In a certain code language, "SUCCESS" is written as 'UQGAESU', and "FAILURE" is written as 'GPWJKYH'. Which of the following are correct matches as per the given code language?

WORD	CODE
I. REJECTS	(W) UPGRVCN
II. LETTERS	(X) URQGEMF
III. DOCIOTS	(Y) URECLCT

**Ans**

✗ 1. I-X only

✗ 2. III-Y , I-W only

✓ 3. I-Y, II-W, III-X only

✗ 4. I-X , II-W only

**Q.15** In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Q. There are five cartons numbered from 1 to 5, kept in a warehouse. The weight of each carton is different from the other. Which of the cartons is the heaviest?

- I. Carton no. 1. is heavier than carton no. 5 but lighter than carton no. 3. Carton no. 4 is heavier than carton no. 3 but lighter than carton no. 2.
- II. Carton no. 5. is heavier than carton no. 1 but lighter than carton no. 3. Carton no. 4 is heavier than carton no. 3.

**Ans**  1.

Data in Statement II alone is sufficient to answer the question while data in statement I is not.

2. Data in statements I and II together are necessary to answer the question.

3. Data in statements I and II together are NOT sufficient to answer the question.

4.

Data in Statement I alone is sufficient to answer the question while data in statement II is not.

**Q.16** In the following question, select the missing number from the given series.

12, 24, 72, 288, 1440, ?

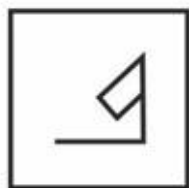
**Ans**  1. 8650

2. 8640

3. 8550

4. 8000

**Q.17** From the given option figures, select the one in which the question figure is hidden/embedded.



**Ans**

1.



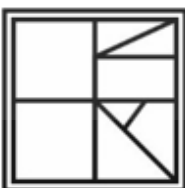
2.



3.



4.



**Q.18** There are six persons Baman, Fauzan, Deepak, Arvind, Enam and Charan each of them speaking different languages English, French, Chinese, German, Urdu and Hindi are but not necessarily in same order are sitting equidistance around a circular table. Each of them is either facing the center or facing outside opposite to the center

- There are exactly three persons facing towards center. each of them sitting together
- Baman is sitting between person who knows English and Deepak. All of them are facing towards center.
- Charan who knows German sitting opposite to person who knows Hindi.
- Enam is sitting third to the right of person who knows Urdu.
- Fauzan is sitting opposite to Arvind who knows English.
- Baman knows Hindi.
- Charan is sitting to the immediate left of Enam who knows French.

Which of the following statement is / are true based on the given arrangement?

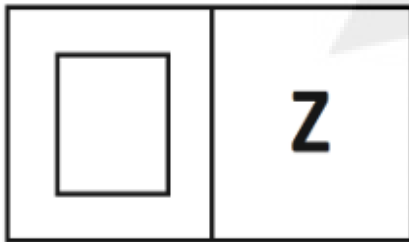
- I. Deepak knows Urdu facing towards center.
- II. Enam who knows French is sitting opposite to Deepak.
- III. Arvind is sitting between person who knows French and Hindi.

- Ans**
- 1. Only III is true.
  - 2. All I, II and III are true.
  - 3. Only I is true.
  - 4. Only II is true.

**Q.19** Three of the following four figure pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

**Ans**

1.



2.



3.



4.



**Q.20** Read the following information carefully and answer the question that follows. You must assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the course of action not logically follow for pursuing.  
Statement :- Safe drinking water is a fundamental human right, yet over 2 billion people lack access to it. This disparity leads to preventable diseases and hinders development.

**Ans** ✓ 1.

We must stop rainwater harvesting systems to capture and utilize rainwater for non-potable purposes.

✗ 2.

We should conserve water at home by fixing leaks, taking shorter showers, and using water-efficient appliances.

✗ 3.

Implement policies to protect watersheds and ecosystems that contribute to the sustainability of water sources.

✗ 4.

We should invest in and upgrade water treatment facilities to effectively remove contaminants and ensure safe drinking water.

Section : English

**Q.1** Select the conclusion(s) that follow(s) based on the correct meaning of the underlined segment in the following sentence.

**Sentence:**

Many justify their actions saying that the end justifies the means.

**Conclusion:**

(i) The means and ends are like two parallel lines; they never meet.

(ii) Those who have the means end up successful in life.

(iii) In a war, the more powerful side does not hesitate to use unconventional weapons to achieve victory.

**Ans** ✗ 1. Only conclusion (i) and (iii)

✗ 2. Only conclusion (ii)

✗ 3. Only conclusion (i)

✓ 4. Only Conclusion (iii)

**Q.2** Identify the grammatically correct form of the given sentence.

Sentence: My eyes popped wide open as I seen that the Greek salad was priced at six hundred rupees.

I. My eyes popped wide open as I seen that the Greek salad is priced at six hundred rupees.

II. My eyes popped wide open as I saw that the Greek salad was priced at six hundred rupees.

**Ans** ✗ 1. Neither I nor II is correct

✗ 2. Only I is correct

✓ 3. Only II is correct

✗ 4. Both I and II are correct

**Q.3** Match the following words with their antonyms.

	List I		List II
1	Dubious	A	Latent
2	Gigantic	B	Indisputable
3	Industrious	C	Microscopic

**Ans** ✗ 1. 1-C, 2-A, 3-B

✓ 2. 1-B, 2-C, 3-A

✗ 3. 1-C, 2-B, 3-A

✗ 4. 1-A, 2-B, 3-C

**Q.4** Select the option in which the word 'truant' is used correctly.

- Ans**
- 1. About twenty truant employees were recently rewarded with a letter of appreciation and a cash prize.
  - 2. The law will eventually catch up with the truants who have been involved in a series of robberies in the neighbourhood.
  - 3. The problem of truants is also the result of education being disengaged from real life.
  - 4. There was a large family at the theme park and the children were playing truant in the water and enjoying themselves.

**Q.5** Select the correct conclusion based on the meaning of the underlined word.

**Statement:** Pari believes I have the perfect life here; she should know that the grass is always greener on the other side.

**Conclusion:**

I. People are never satisfied with their own situation.

II. The things a person does not have always seem more appealing than the things he or she does have.

- Ans**
- 1. Only conclusion I is correct
  - 2. Only conclusion II is correct
  - 3. Neither conclusion I nor II is correct
  - 4. Both conclusion I and II are correct

**Q.6** The five sentences labelled (1, 2, 3, 4, 5) given in this question. The first sentence is fixed and others when properly sequenced, form a coherent paragraph. Each sentence is labelled with a number. Decide on the proper order for the sentences and choose the correct option.

1. The city-state of Singapore and Switzerland's Zurich were named as the most expensive cities in the world.
2. The popular US destination, where prices have increased by 1.9% according to the study, slipped to third, tying with Switzerland's Geneva.
3. The rise of the latter, which jumped from sixth place on last year's list, was attributed to the strength of the Swiss Franc along with the high prices of groceries, household goods and recreation.
4. New York tied with Singapore for first place last year.
5. Singapore's costly transport and clothing were also noted.

- Ans**
- 1. 13542
  - 2. 12435
  - 3. 14523
  - 4. 15243

**Q.7** Select the option in which the word 'cynosure' is used correctly.

- Ans**
- 1. The manager's promise of a pay rise was met with cynosure by all of us.
  - 2. My sister and I were the cynosure of all eyes when we entered the office; we had just been awarded special positions in the organisation.
  - 3. The potholes and debris collected on the arterial road was the cynosure of the commuters.
  - 4. The weather was very cold and I had a cynosure in my nose.

**Q.8** Identify the grammatically correct form of the given sentence.

**Sentence:** She is not the only girl who plays a football in the community park.

I. She is not the only girl who plays football in the community park.

II. She is not a only girl who plays football in the community park.

- Ans**
- 1. Only I is correct
  - 2. Only II is correct
  - 3. Both I and II are correct
  - 4. Neither I nor II is correct

**Q.9** Select the option in which the word 'effeminate' is used correctly.

- Ans**
- 1. Having nothing to do for hours, he has become lethargic, effeminate and grouchy.
  - 2. Effeminate, though they are, the two brothers are graceful and lithe in their gait and movements.
  - 3. Her attitude towards her colleagues is rather effeminate – condescending and bossy.
  - 4. He is choosy about his party dress and spends a long time in front of the mirror – he is effeminate, in a way.

**Q.10** Match the following words with their SYNONYMS.

	List I		List II
1	Trap	A	Ambush
2	Audacity	B	Dreamy
3	Nostalgic	C	Nerve

- Ans**
- 1. 1-A, 2-B, 3-C
  - 2. 1-C, 2-A, 3-B
  - 3. 1-A, 2-C, 3-B
  - 4. 1-B, 2-C, 3-A

**Q.11** Select the correct conclusion based on the correct meaning of the word underlined in the following sentence.

**Statement:** Some people have no compunction in changing their jobs ever so often.

**Conclusion:**

- (i) It is a noble feeling to have, after all, as your conscience is clear.
- (ii) At the end of their productive life, they might find themselves neither here nor there: a rolling stone gathers no moss.
- (iii) You have no one to care for or worry about: you are the master of yourself.

- Ans**
- 1. Only conclusion (ii)
  - 2. Only conclusion (i) and (iii)
  - 3. Only conclusion (ii) and (iii)
  - 4. Only conclusion (i)

**Q.12** Four sentences are given as options. Choose the option that contains the odd sentence.

- Ans**
- 1. In every nation, 'Excellent Teacher' awards are given every year.
  - 2. Others may cause frustrations among the main stakeholders, namely students and teachers.
  - 3. Some of these changes may produce desired positive results.
  - 4. Educational changes occur frequently in any national context.

Q.13 Identify the grammatically correct form of the given sentence.

Sentence: He enjoys sweet dishes, but though he doesn't like to eat chocolate.

I. He enjoys sweet dishes, but he doesn't like to eat chocolate.

II. He enjoys sweet dishes, yet though he doesn't like to eat chocolate.

III. Though he enjoys sweet dishes, since he doesn't like to eat chocolate.

Ans  1. Only I and II are correct

2. Only III is correct

3. Only I is correct

4. Only II is correct

Q.14 Which of the following statements uses the given idiom correctly?

(i) Even when flood waters surround large parts of a town, some people have a whale of a time swimming in the waters and screaming.

(ii) A whale of a time was found washed ashore on the beach and people gathered to see it.

(iii) Our family had a whale of a time last year when we went on vacation to Himachal Pradesh.

Ans  1. Only statements (i) and (iii)

2. All the statements

3. Only statements (i) and (ii)

4. Only statements (ii) and (iii)

Q.15 A sentence is missing in the paragraph given below. Decide in which blank (i.e., 1, 2, 3 or 4) the following sentence would fit best.

Sentence:

Nay, education would even help them in the performance of the narrowest sphere of womanly duty.

Paragraph:

It is the height of selfishness for men, who fully appreciate in their own case the great advantages of a good education, to deny these advantages to women. (1)\_\_\_\_. There is no valid argument by which the exclusion of the female sex from the privilege of education can be defended. (2)\_\_\_\_. It is argued that women have their domestic duties to perform and that if they were educated, they would bury themselves in their books and have little time for attending to the management of their households.(3)\_\_\_\_. But women are no more liable to this temptation than men and most women would be able to do their household work all the better for being able to refresh their minds in the intervals of leisure with a little reading. (4)\_\_\_\_. For, education involves knowledge of the means by which health may be preserved and enables a mother to consult such modern books as will tell her how to rear up her children into healthy men and women and skillfully nurse them when disease attacks her household.

Ans  1. Blank 1

2. Blank 4

3. Blank 3

4. Blank 2

Q.16 Four sentences are given as options. Choose the option that contains the odd sentence.

Ans  1. When an earthquake strikes, the world trembles.

2. Imagine the power of something that can move an entire subcontinent.

3. The power of a cyclonic storm is such that vast areas of land get inundated and cut off from the rest of the world.

4. An earthquake strikes without warning and when it does its power is immense.

Q.17 Select the correct conclusion based on the meaning of the underlined word.

Statement: Book the tickets now, as the early bird gets the worm.

Conclusion:

I. Those who reply without thinking gets into trouble.

II. Those who are eager and early are the ones who most succeed.

- Ans
- 1. Only conclusion I is correct
  - 2. Both conclusion I and II are correct
  - 3. Only conclusion II is correct
  - 4. Neither conclusion I nor II is correct

Q.18 Match the following words with their SYNONYMS.

	List I		List II
1	Amity	A	Futile
2	Belligerent	B	Contentious
3	Vain	C	Goodwill

- Ans
- 1. 1-B, 2-C, 3-A
  - 2. 1-A, 2-C, 3-B
  - 3. 1-C, 2-B, 3-A
  - 4. 1-A, 2-B, 3-C

Q.19 The passage given below has numbered blanks. Select the most appropriate option to fill in blank number 3.

To avoid the various foolish opinions which mankind holds, no superhuman genius is required. A few simple rules will keep you, not from all error, but from silly error. If the matter is one that can be (1)\_\_\_ by observation, make the observation yourself. Aristotle could have avoided the mistake of (2)\_\_\_ that women have fewer teeth than men, by the simple device of asking Mrs Aristotle to keep her mouth open while he (3)\_\_. He did not do so because he thought he knew. Thinking that you know when in fact you don't is a fatal mistake, to which we are all (4)\_\_. I believe myself that hedgehogs eat black beetles, because I have been told that they do; but if I were writing a book on the habits of hedgehogs, I should not (5)\_\_\_ myself until I had seen one enjoying this unappetizing diet. Aristotle, however, was less cautious. Ancient and medieval authors knew all about unicorns and salamanders; not one of them thought it necessary to avoid dogmatic statements about them because he had never seen one of them.

- Ans
- 1. counted
  - 2. closed
  - 3. watched
  - 4. opened



Q.20 Identify the grammatically correct form of the given sentence.

Sentence: I tries to wake up early at the morning and perform my daily exercise.

I. I tried to wake up early at the morning and perform my daily exercise.

II. I tries to wake up early in the morning and performed my daily exercise.

III. I try to get up early every morning and do my daily exercise.

- Ans
- 1. Only I is correct
  - 2. Only II and III are correct
  - 3. Only III is correct
  - 4. All I, II and III are correct