

Date: 02 Aug 2025 (Shift-2)

PART-A (General Intelligence)

Q1. Which of these does not belong? 125, 216, 343, 400

A. 125 B. 216 C. 343 D. 400

Correct Ans: D

Q2. If $6 \% 2 = 16$, $4 \% 2 = 10$, and $3 \% 2 = 7$, find $5 \% 2$.

A. 12 B. 14 C. 11 D. 13

Correct Ans: D

Q3. In the expression " $A > B \leq C$ ", which of the following statements is definitely true?

A. $A > B$ B. $B \leq C$ C. $A > C$ D. $B > C$

Wrong Question Marked by SSC

Q4. If $12 : 144 :: 15 : ?$

A. 150 B. 180 C. 225 D. 300

Wrong Question Marked by SSC

Q5. Which of the following numbers is different from the rest?

A. 12 B. 18 C. 24 D. 35

Correct Ans: D

Q6. M is to O as T is to:

A. U B. V C. W D. X

Correct Ans: B

Q7. P is to L as G is to:

A. B B. D C. E D. C

Correct Ans: D

Q8. Which symbol does NOT belong?

A. ♦ B. ♦ C. ♣ D. ▲

Correct Ans: D

Q9. Which word does NOT belong?

A. Novel B. Poetry C. Sculpture D. Drama

Wrong Question Marked by SSC

Q10. Statement: "To reduce traffic congestion in the city, the government must promote public transportation." Which of the following assumptions is implicit in the statement?

A. People prefer using public transportation.
B. Public transportation can help reduce traffic congestion.
C. Government is not serious about controlling traffic. D. Private vehicles are banned in the city.

Correct Ans: B

Q11. If the letters of the word "PLANET" are arranged alphabetically, which letter will be at the third position?

A. L B. N C. E D. T

Wrong Question Marked by SSC

Q12. Which of the following options can be used to build the maximum number of meaningful English words using the letters: T, R, A, E, S?

A. 2-letter words B. 3-letter words C. 4-letter words D. 5-letter words

Wrong Question Marked by SSC

Q13. What comes next in the series?

144, 121, 100, 81, ?

A. 49 B. 64 C. 60 D. 36

Correct Ans: B

Q14. Find the next letter in the series.

D, F, H, J, ?

A. K B. L C. M D. N

Correct Ans: B

Q15. What comes next in the series?

A, C, F, J, O, ?

A. T B. S C. U D. V

Correct Ans: C

Q16. If "CAT" = 3120, then "DOG" = ?

A. 4157 B. 5147 C. 4156 D. 5146

Correct Ans: A

Q17. In a certain code, BREAD is written as DTGCF. How will WATER be written in that code?

A. YCVGT B. YCUGT C. YCUFT D. YCUHS

Correct Ans: A

Q18. If $8 \times 2 = 28$, $6 \times 4 = 46$, then what is the value of 7×5 ?

A. 57 B. 75 C. 35 D. 12

Correct Ans: A

Q19. If $P \# Q$ means P is subtracted from the square of Q , then find the value of $3 \# 5$.

A. 22 B. 15 C. 8 D. 12

Correct Ans: A

Q20. If $A \$ B$ means " A is divided by B and then multiplied by 3", what will be the result of $12 \$ 4$?

A. 9 B. 6 C. 3 D. 12

Correct Ans: A

Q21. During a heated debate, Anjali stays calm and tries to understand the other person's point of view. This shows:

A. Aggressiveness B. Social intelligence C. Carelessness D. Disinterest

Correct Ans: B

Q22. Read the following statement carefully and identify the conclusion that follows.

Statement:

All engineers are intelligent.

Some doctors are engineers.

Conclusion:

I. Some doctors are intelligent.
II. All intelligent people are engineers.

A. Only I follows B. Only II follows C. Both I and II follow D. Neither I nor II follows

Correct Ans: A

Q23. Foot is to Shoe as Hand is to ____.

A. Watch B. Glove C. Bracelet D. Sleeve

Correct Ans: B

Q24. Which of the following would be the mirror image of the word "BAKE"?

A. **bake** B. **BAKE** C. **EAKB** D. **baKE**

Wrong Question Marked by SSC

Q25. When delivering difficult feedback, supervisor Janet notices that she tends to soften her message significantly when employees show signs of distress, even when the feedback is important for their development. What does this pattern reveal?

- A.** Janet is appropriately compassionate and should continue this approach
- B.** Janet's emotional discomfort with others' distress may compromise her effectiveness
- C.** Employees' emotional reactions are irrelevant to feedback delivery
- D.** Janet should always prioritize employees' emotional comfort over feedback quality

Correct Ans: B

PART-B (General Awareness)

Q26. The 73rd Constitutional Amendment Act (1992) aimed at legal reform in which of the following areas?

- A.** Industrial disputes management
- B.** Environmental protection at grassroot level
- C.** Local self-governance at rural level
- D.** Consumer protection rights in villages

Correct Ans: C

Q27. India recently became the fourth country to successfully demonstrate space docking. Which of the following countries had achieved this feat before India?

- A.** USA, Russia, France
- B.** USA, Russia, Japan
- C.** USA, Russia, China
- D.** USA, China, UK

Correct Ans: C

Q28. Consider the following statements about the Polaris Dawn Mission and Van Allen Radiation Belts:

1. The Van Allen Belts consist of charged particles originating exclusively from the Sun.
2. The Polaris Dawn Mission studied the biological effects of space radiation by traveling through high-radiation zones around Earth.
3. Spacecraft passing through the Van Allen Belts must limit their transit time to reduce radiation exposure.

Which of the above statements is/are **correct**?

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

Correct Ans: B

Q29. The Rigveda points to an organized society. What kind of marriage existed there?

- A.** Only monogamy was practiced
- B.** Only polygamy was practiced
- C.** Both monogamy and polygamy was practiced equally
- D.** Monogamy was general rule but some princes practiced polygamy

Correct Ans: D

Q30. Which plant tissue is primarily responsible for forming the hard husk of a coconut?

- A.** Collenchyma
- B.** Parenchyma
- C.** Sclerenchyma
- D.** Xylem

Correct Ans: C

Q31. Which of the following was a key feature of India's trade policy reforms in 1991 period?

- A. Imposing new quantitative restrictions on essential imports
- B. Expanding import licensing to control foreign trade
- C. Introducing quotas to limit agricultural exports
- D. Removal of licensing procedures for imports

Correct Ans: D

Q32. The first Five-Year Plan of India was launched in which year?

- A. 1947
- B. 1950
- C. 1951
- D. 1955

Correct Ans: C

Q33. Which of the following minerals are found in the state of Kerala?

- A. Monazite, thorium, and bauxite clay
- B. Iron ore, coal, and gold
- C. Copper, limestone, and gypsum
- D. Uranium, petroleum, and mica

Correct Ans: A

Q34. Who hand-calligraphed the original manuscript of the Indian Constitution?

- A. B.N. Rau
- B. Prem Behari Narain Raizada
- C. S.N. Mukherjee
- D. Gopalaswami Ayyangar

Correct Ans: B

Q35. Identify the correct option base on given statements:

Assertion (A): The Union Government alone can legislate on matters related to the deployment and jurisdiction of armed forces within Indian states.

Reason (R): The Constitution includes the deployment of Union forces in aid of civil power, regulation of cantonments, and control over arms and atomic energy in the Union List

- A. A and R are correct, and R is the correct reason for A
- B. A and R both true, but R is not the appropriate explanation for A
- C. A is true, but R is false.
- D. A is false, but R is true

Correct Ans: A

Q36. According to the EIU, which country showed the most significant improvement in its business environment over the past 20 years?

- A. India
- B. Vietnam
- C. Romania
- D. Serbia

Correct Ans: B

Q37. What does the fertility rate measure?

- A. Number of live births per 1000 people in the population
- B. Number of women in the population between ages 15 and 49
- C. Number of live births per 1000 women aged 15 to 49 in a given year
- D. Number of children born per family regardless of age

Correct Ans: C

Q38. Who received the 2024 Sahitya Akademi Award for English for their novel "Spirit Nights"?

A. Arundhati Roy B. Amitav Ghosh C. Easterine Kire D. Jhumpa Lahiri

Correct Ans: C

Q39. Which festival is popularly known as the "Water Festival" in parts of Arunachal Pradesh and Assam?

A. Losar B. Poi Sangken C. Dree D. Mopin

Correct Ans: B

Q40. Given below are the statements in assertion and reason. Choose the correct options:

Assertion (A): An athlete found with banned substances in their system, even unintentionally, can still face penalties.

Reason(R): Under WADA rules, athletes are strictly liable for any prohibited substance found in their body.

A. Both A and R are true, and R is the correct explanation of A.
B. Both A and R are true, and R is the correct explanation of A. C. A is true, but R is false.
D. A is false, but R is true.

Correct Ans: A

Q41. The basic layout of early temples mentioned in the passage typically included:

A. Stupa, Mandapa, Tower B. Hall, Shrine, Veranda C. Dome, Garbhagriha, Pillars
D. Sanctum, Shikhara, Cave

Correct Ans: B

Q42. What is the eligibility criterion for artisans under the PM Vishwakarma Yojana?

A. Must belong to urban areas B. Must be engaged in traditional crafts
C. Must have a minimum income of ₹5 lakh D. Must be employed in government services

Correct Ans: B

Q43. Which of the following is a non-renewable resource?

A. Coal B. Wind energy C. Tidal energy D. Solar energy

Correct Ans: A

Q44. The first ever South Asian Games held in India took place in which year?

A. 1982 B. 1987 C. 1991 D. 1995

Correct Ans: B

Q45. What is the term for the economic phenomenon where high inflation is combined with stagnant economic growth?

A. Recession B. Hyperinflation C. Stagflation D. Deflation

Correct Ans: C

Q46. Which energy source cannot be replenished naturally in a short period of time?

A. Wind B. Solar C. Natural Gas D. Hydroelectric

Correct Ans: C

Q47. Name the principle that states that as production increases, the cost per unit decreases?

A. Law of diminishing returns B. Economies of scale C. Opportunity cost D. Marginal utility

Correct Ans: B

Q48. In which part of India is the The Coromandel Coast located?

A. Western Coastal Plain B. Eastern Coastal Plain C. Northern Plains D. Deccan Plateau

Correct Ans: B

Q49. The Indus Valley Civilization flourished under which economy?

A. Barter system B. Currency-based economy C. Feudal economy D. Industrial economy

Correct Ans: A

Q50. Who is the 15th President of India?

A. Pratibha Patil B. Ram Nath Kovind C. Droupadi Murmu D. Pranab Mukherjee

Correct Ans: C

PART-C (Quantitative Aptitude (Basic Arithmetic Skill))

Q51. There is a slide in a park. One of its side walls, shaped like a triangle, is painted with a message: "RESPECT NATURE, PRESERVE GREENERY." If the sides of the wall are 13 m, 14 m, and 15 m, what is the area painted in color?

A. 84 m² B. 92 m² C. 76.5 m² D. 96.5 m²

Correct Ans: A

Q52. What is the ratio of surface areas of two spheres whose radii are in the ratio 2:3?

A. 2:3 B. 4:6 C. 8:27 D. 4:9

Correct Ans: D

Q53. For an angle measuring precisely 75 degrees, determine the numeric value of its sine multiplied by its cosine.

A. 1/2 B. -1 C. 1/4 D. $\sqrt{2}/4$

Wrong Question Marked by SSC

Q54. A circle is entirely enclosed within a parallelogram such that all four sides of the parallelogram are tangent to the circle. What specific type of parallelogram must this be?

A. Rectangle B. Square C. Trapezoid D. Rhombus

Correct Ans: D

Q55. Match the concepts in Column I with their corresponding properties in Column II:

Column I (Concept)	Column II (Property)
A. Chord bisected by center	1. Line is perpendicular to chord
B. Equal chords	2. Subtend equal angles at center
C. Distance from center to chord	3. Helps compare chord lengths
D. Perpendicular from center	4. Bisects the chord

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

Correct Ans: B

Q56. Two circles touch each other internally. How many common tangents can be drawn?

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

Correct Ans: A

Q57. Given that $(\sqrt{a} + 1/\sqrt{a})^2 = 10$, find the value of $a^2 + 1/a^2$.

A. 60 B. 61 C. 62 D. 63

Correct Ans: C

Q58. The mean of five consecutive even numbers is 68. Find the greatest number.

A. 70 B. 72 C. 74 D. 76

Correct Ans: B

Q59. A car starts a 360 km journey with a full tank. For the first 150 km, it travels at 60 km/h. Due to fuel reduction, the speed drops by 10 km/h for the next 120 km. For the remaining journey, it further slows by 10 km/h. Estimate the average speed for the whole journey.

A. 45 km/h B. 48 km/h C. 50 km/h D. 52 km/h

Correct Ans: C

Q60. In a company, 65% of the employees are above 35 years of age. Among them, 80% are males and the rest are females. If there are 1560 female employees above 35 years, find the total number of employees in the company.

A. 7200 B. 7800 C. 12000 D. 8400

Correct Ans: C

Q61. A bike rider travels 30 kilometers at a velocity of 5 km/h and then comes back along the same path at 6 km/h. What is the cyclist's average speed for the entire trip?

A. 5 km/h B. 5.45 km/h C. 5.2 km/h D. 6 km/h

Correct Ans: B

Q62. The value of a machine depreciates by 10% per annum. If its present value is ₹72,900, find its value 2 years ago.

A. ₹80,000 B. ₹85,000 C. ₹90,000 D. ₹95,000

Correct Ans: C

Q63. Find the amount after 2 years on ₹6,000 at 8% per annum when compounded half-yearly.

A. ₹6,960.00 B. ₹7,000.75 C. ₹7,019.15 D. ₹7,100.89

Correct Ans: C

Q64. The difference between the simple interest on ₹5,000 for 3 years and 4 years at the same rate of interest per annum is ₹500. Find the rate of interest.

A. 8% B. 9% C. 10% D. 12%

Correct Ans: C

Q65. A cylindrical container with internal radius 7 cm and height 30 cm is completely filled with water. The water is then poured into identical conical vessels, each having a radius of 3.5 cm and height of 6 cm. How many such conical vessels can be completely filled with the water from the cylinder?

A. 45 B. 54 C. 60 D. 72

Correct Ans: C

Q66. 16 men can complete a work in 20 days. In how many days will 20 men complete the same work?

A. 16 B. 18 C. 20 D. 22

Correct Ans: A

Q67. Three workers A, B and C are given a job to make a sofa. At the end of each day, they are given Rs. 650 collectively as wages. If A worked alone, the work would be completed in 5 days. If B worked alone, the work would be completed in 10 days. If C worked alone, the work would be completed in 15 days. Find the individual daily wage of C

A. 120 B. 118.18 C. 177.89 D. 137

Correct Ans: B

Q68. A retailer offers a successive discount of 25% and 15% on a TV set marked at Rs. 80,000. What is the final selling price?

A. Rs. 71,000 B. Rs. 52,000 C. Rs. 61,000 D. Rs. 51,000

Correct Ans: D

Q69. The length of the base and height of a triangle is 20 cm and 10 cm, respectively. If the area of the triangle is equal to the area of a rectangle whose length is 25 cm, then find the breadth of the same rectangle.

A. 5 cm B. 9 cm C. 7 cm D. 4 cm

Correct Ans: D

Q70. Which of the following square roots is irrational?

A. $\sqrt{64}$ B. $\sqrt{121}$ C. $\sqrt{51}$ D. $\sqrt{169}$

Correct Ans: C

Q71. The ratio of the ages of two friends is 7:8. After 12 years, the ratio becomes 9:10. What are their present ages?

A. 42 and 48 B. 52 and 58 C. 38 and 45 D. 26 and 32

Correct Ans: A

Q72. Three people, A, B, and C, have incomes that are in the ratio 17:18:19. If their total earnings are Rs. 2,97,000, how much money does B earn?

A. Rs. 99,000 B. Rs. 93,500 C. Rs. 1,04,500 D. Rs. 78,000

Correct Ans: A

Q73. A shopkeeper earns 70% profit on selling an article. If he increases the selling price by Rs. 338, the profit becomes 83%. Find the cost price.

A. Rs. 2600 B. Rs. 3600 C. Rs. 2500 D. Rs. 2660

Correct Ans: A

Q74. Which of the following equations represents a line that is perpendicular to the line $4x - 3y = 17$?

A. $4x - 3y = 21$ B. $4x + 3y = 17$ C. $3x + 4y = 21$ D. $3x - 4y = 21$

Correct Ans: C

Q75. A student is standing, reading an article 25 meters away from his school building. If the angle of elevation of the top of the school building is 60 degrees, how tall is the school building (approx.)?

A. 40 m B. 43 m C. 46 m D. 49 m

Correct Ans: B

PART-D (English Language (Basic Knowledge))

Q76. Choose the synonym of 'Deride'.

A. Taunt B. Inspire C. Encourage D. Praise

Correct Ans: A

Q77. Find the antonym of 'Falter'.

A. Waver B. Stumble C. Persist D. Demur

Correct Ans: C

Q78. I will not ___ this kind of behavior in my class.

A. bare B. bear C. beer D. boar

Correct Ans: B

Q79. Choose the correctly spelled scientific word.

A. Vacine B. Vaccene C. Vaccine D. Vaxine

Correct Ans: C

Q80. Which is the correct spelling for a word meaning 'capable of being done'?

A. Feazible B. Feasible C. Feisible D. Feaceable

Correct Ans: B

Q81. Choose the correct meaning of the idiom:

"A brown study"

A. A room with brown furniture B. Lost in thought or daydreaming C. A plan for redecorating
D. A study related to earth sciences

Correct Ans: B

Q82. Choose the correct idiom for the word highlighted in bold.

After working in the company for several years, Anita really **knows the ropes** and can train new employees with ease.

A. To be skilled and experienced in a particular activity. B. To be unaware of how something works.
C. To be physically strong. D. To take unnecessary risks.

Correct Ans: A

Q83. Choose the most suitable option to replace the underlined part of the sentence. If the sentence is already correct, select 'No substitution required'.

The principal of the college, along with the vice principals, have approved the new curriculum.

A. has approved B. were approving C. was approved D. No substitution required

Correct Ans: A

Q84. Choose the most suitable option to replace the underlined part of the sentence. If the sentence is already correct, select 'No substitution required'.

Had the research data been verified earlier, the project could complete within the deadline.

A. could have been completed B. had completed C. could completed
D. could had been complete

Correct Ans: A

Q85. Convert the sentence provided below from its passive voice structure to an active voice structure:

The homework is checked by the teacher every Friday.

- A. The teacher checks the homework every Friday.
- B. The teacher has checked the homework every Friday.

Correct Ans: A

- C. The homework was being checked by the teacher every Friday.
- D. The teacher was checking the homework every Friday.

Q86. Convert the sentence provided below from its passive voice structure to an active voice structure:

A letter was written by Riya to her grandmother last week.

- A. Riya wrote a letter to her grandmother last week.
- B. Riya had written a letter to her grandmother last week.

Correct Ans: A

- C. Riya writes a letter to her grandmother last week.
- D. Riya was writing a letter to her grandmother last week.

Q87. A sentence is provided in indirect speech. From the four given options, choose the one that most accurately conveys the sentence in its corresponding direct speech.

She said that she had finished her work.

- A. She said, "She have finished my work."
- B. She said, "I have finished my work."

Correct Ans: B

- C. She said, "I am finished my work."
- D. She said, "I was finishing my work."

Q88. Which among the following sentences is wrong?

- A. The sailor put the candle out.
- B. The sailor set out on a voyage.

Correct Ans: C

- C. The sailor brought on the new ensign.
- D. The sailor brought forth the badges to be distributed.

Q89. Complete the collocation by choosing a suitable word to fill in the blank.

The student could not _____ a decision about his career as there were many alternatives to choose.

- A. build
- B. give
- C. make
- D. think

Correct Ans: C

Q90. Identify the error in the sentence.

They went to an university known for innovation.

- A. known
- B. for
- C. university
- D. an

Correct Ans: D

Q91. Identify the word in this sentence that contains an error.

The report was submitted by the manager to friday evening.

A. report B. submitted C. to D. friday

Correct Ans: C

Q92. Which of the given options is the most logical sequencing of the following sentences to form a meaningful paragraph?

1. Stress and anxiety can negatively affect a person's well-being.
2. Mental health is as important as physical health.
3. Engaging in mindfulness, physical exercise and positive social interactions can help in this.
4. Therefore, taking care of mental health should be a priority for everyone.

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

Correct Ans: A

Q93. Which of the given options is the most logical sequencing of the following sentences to form a meaningful paragraph?

1. They are responsible for pollinating many plants.
2. Bees are essential for biodiversity and food production.
3. However, their population has been steadily declining.
4. The major reasons for this are habitat loss and pesticides.

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

Correct Ans: B

Q94. Which of the given options is the most logical sequencing of the following sentences to form a meaningful paragraph?

1. Moreover, rapid urbanisation led to overcrowded and unsanitary living conditions in cities, increasing the spread of diseases among them.
2. One of the most severe consequences was the exploitation of workers, including women and children in factories and mines.
3. The Industrial Revolution, while bringing significant advancements in technology and production, also had several negative effects.
4. Additionally, industrial expansion contributed to deforestation, depletion of natural resources, and environmental degradation.

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

Correct Ans: A

Q95. Which of the given options is the most logical sequencing of the following sentences to form a meaningful paragraph?

1. In 2019, the Event Horizon Telescope captured the first-ever image of a black hole's event horizon.
2. He theorized that black holes, with their immense gravitational pull, create the most extreme form of this curvature.
3. This observation matched Einstein's predictions, confirming that space-time warps in the precise way described by Einstein.
4. Einstein's predicted about space-time curvature in his General Theory of Relativity.

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

Correct Ans: B

Q96. Choose the correct one word substitution for: "A person who believes that pleasure is the most important pursuit".

A. Nihilist **B.** Epicurean **C.** Cynic **D.** Stoic

Correct Ans: B

Q97. Choose the correct one word substitution for: "A person who renounces the world and lives in solitude".

A. Pagan **B.** Recluse **C.** Atheist **D.** Mystic

Correct Ans: B

Q98. Rearrange the parts of the sentence in the correct order.

Music
P. connecting people
Q. serves as a universal language
R. across cultures and generations
S. and expressing shared emotions

A. PSRQ **B.** QPSR **C.** SPRQ **D.** PQSR

Correct Ans: B

Q99. Rearrange the parts of the sentence in the correct order.

Tourism
P. and cultural exchange
Q. by creating jobs
R. contributes significantly to the economy
S. promoting local businesses,

A. RQSP **B.** PSQR **C.** SPQR **D.** QRSP

Correct Ans: A

Q100. Choose the correct indirect speech form of the following sentence.

Rabi said to Mohini, "Let's go to the market and purchase some vegetables."

A. Rabi suggested Mohini to go to the market and purchase some vegetables.

B. Rabi requested Mohini to go to the market and purchase some vegetables.

C. Rabi urged Mohini to went to the market and purchased some vegetables.

D. Rabi told Mohini to have gone to the market and have purchased some vegetables.

Correct Ans: A