रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सीईएन - 07/2025 - एनटीपीसी पूर्व-स्नातक स्तर - CEN - 07/2025 - NTPC UNDER GRADUATE LEVEL

Test Date	20/06/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC UnderGraduate CBT I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **Mathematics**

Q.1 Evaluate $22^3 + (-16)^3 + (-6)^3$

Ans
✗ A. 6220
✗ B. 6313
✓ C. 6336
✗ D. 6303

Q.2 A floor is paved with 500 identical parallelogram – shaped tiles. The base and corresponding height of each tile are 8 cm and 6 cm, respectively. What is the total area of the floor covered by the tiles (in cm^2)?

Ans
✗ A. 26,000
✗ B. 28,000
✓ C. 24,000
✗ D. 20,000

Q.3 **Two taps can fill a cistern in 4 hours and 17 hours, respectively. A third tap can empty it in 17 hours. How long (in hours) will it take to fill one-fourth of the empty cistern if all the taps are opened together?**

Ans
✗ A. 4
✗ B. 2
✗ C. 3
✓ D. 1

Q.4 **Find the value of m which satisfies**

$$\left(\frac{22}{5}\right)^{18} \times \left(\frac{5}{22}\right)^{8} \times \left(\frac{22}{5}\right)^{6} = \left(\frac{5}{22}\right)^{9m+4}.$$

Ans
✓ A. $-\frac{20}{9}$
✗ B. $-\frac{10}{9}$
✗ C. $-\frac{17}{9}$
✗ D. $-\frac{16}{9}$

Q.5 Three friends P, Q, and R start a business by investing in the ratio 2:3:5. If the total profit is ₹10,000, how much more does R receive than P?

Ans

✗ A. ₹4,000

✗ B. ₹2,000

✗ C. ₹1,000

✓ D. ₹3,000

Q.6 A vertical tower stands on level ground. From a point P, the angle of elevation to the top is 30°. After moving 100 m closer to the tower along the line joining P to the foot of the tower, the angle of elevation becomes 60°. The height of the tower is:

Ans

✗ A. $75\sqrt{3}$ meters

✗ B. $25\sqrt{3}$ meters

✗ C. $150\sqrt{3}$ meters

✓ D. $50\sqrt{3}$ meters

Q.7 A shopkeeper sells a watch at a loss of 10%. If he had sold it for ₹450 more, he would have made a profit of 5%. What is the cost price of the watch?

Ans

✓ A. ₹3,000

✗ B. ₹3,500

✗ C. ₹4,000

✗ D. ₹4,500

Q.8 If a sphere with radius 10 cm is painted, but 25% of its surface area is masked and not painted, what is the painted area?

Ans

✗ A. 100π cm^2

✓ B. 300π cm^2

✗ C. 400π cm^2

✗ D. 200π cm^2

Q.9 A shopkeeper fixes the marked price of an item 165% above its cost price. What percentage of discount on marked price should be allowed to gain 112%?

Ans

✓ A. 20%

✗ B. 23%

✗ C. 21%

✗ D. 19%

Q.10 A, B and C are three batsmen. The ratio of runs scored by them in a certain match was A : B = 15 : 17 and B : C = 14 : 19. At the end of the match, they scored 1542 runs. Find the number of runs scored by A.

Ans

✗ A. 520

✓ B. 420

✗ C. 540

✗ D. 480

Q.11 A car travels 120 km at 40 km/h, 120 km at 60 km/h, and 100 km at 80 km/h. What is the average speed of the car for the whole journey?

Ans

✓ A. 54.4 km/h

✗ B. 62.5 km/h

✗ C. 55.6 km/h

✗ D. 65 km/h

Q.12 The HCF of two numbers is 8, and their LCM is 240. If the sum of the two numbers is 88, what are the numbers?

Ans
- ✗ A. 16 and 72
- ✗ B. 32 and 56
- ✓ C. 40 and 48
- ✗ D. 24 and 64

Q.13 ABC is an equilateral triangle with side 24 cm and AD is the median. If G is the centroid of the triangle ABC, find the length (in cm) of GD.

Ans
- ✓ A. $4\sqrt{3}$
- ✗ B. $6\sqrt{2}$
- ✗ C. $3\sqrt{2}$
- ✗ D. $9\sqrt{3}$

Q.14 If the interest on a sum of ₹y at 10% per annum compounded annually for 2 years is ₹630, then the total amount payable at the end of the two-year period will be _____.

Ans
- ✗ A. ₹3,540
- ✗ B. ₹3,950
- ✗ C. ₹4,100
- ✓ D. ₹3,630

Q.15 If the 8-digit number 79243p25 is divisible by 11, then the minimum value of p is:

Ans
- ✓ A. 7
- ✗ B. 2
- ✗ C. 8
- ✗ D. 4

Q.16 In a smart city, the number of electric vehicles increased by 18% in 2021 and 22% in 2022. What is the total percentage increase in electric vehicles over the two years?

Ans
- ✗ A. 46%
- ✓ B. 43.96%
- ✗ C. 40%
- ✗ D. 41.6%

Q.17 If the arithmetic mean of five numbers is 20 and one number is changed from 10 to 20, what happens to the mean?

Ans
- ✗ A. It decreases by 5
- ✗ B. It decreases by 2
- ✗ C. It stays the same
- ✓ D. It increases by 2

Q.18 A wholesaler offers a discount of 10% on a commodity, marked at ₹3,000, on an order of less than 20 items. Also, on an order of more than 20 items, an additional discount of 5% is offered on the commodity. What amount does a retailer have to pay to purchase 25 items of the commodity whose marked price is ₹3,000?

Ans
- ✗ A. ₹72,543
- ✗ B. ₹25,650
- ✓ C. ₹64,125
- ✗ D. ₹26,125

Q.19 Riya, Kabir, and Sana start a business together. Riya invests ₹13500 for 8 months, Kabir invests ₹21000 for 6 months, and Sana invests ₹18000 for 12 months. At the end of the year, they earn a total profit of ₹12,600. What is Kabir's share of the profit (in ₹)?

Ans
- ✔ A. ₹3,528
- ✘ B. ₹4,030
- ✘ C. ₹4,285
- ✘ D. ₹3,722

Q.20 The weighted average marks of a student in Physics, Chemistry and Mathematics are 68. The weightages of the subjects Physics, Chemistry and Mathematics are in the ratio 3 : 2 : 5. If the student scored 60 in Physics and 70 in Chemistry, then find the marks in Mathematics.

Ans
- ✘ A. 68
- ✘ B. 66
- ✔ C. 72
- ✘ D. 74

Q.21 The present ages of P and Q are in the ratio 4 : 5. Eight years ago, the ratio of their ages was 2 : 3. The harmonic mean of their present ages is

Ans
- ✔ A. $17\frac{7}{9}$ years
- ✘ B. $19\frac{7}{9}$ years
- ✘ C. $16\frac{7}{9}$ years
- ✘ D. $18\frac{7}{9}$ years

Q.22 Given that $119^{0.49} = x$, $119^{0.62} = y$ and $x^z = y^6$, then the value of z is close to:

Ans
- ✘ A. 6.63
- ✘ B. 6.55
- ✘ C. 9.75
- ✔ D. 7.59

Q.23 Three numbers are in the ratio 3 : 2 : 11, and their LCM is 3564. Their HCF is:

Ans
- ✘ A. 88
- ✔ B. 54
- ✘ C. 67
- ✘ D. 38

Q.24 A car travels a distance of 540 km. For the first 3 hours, it travels at a speed of 80 km/h, and for the remaining hours, it reduces its speed to 60 km/h. Find the total time taken by the car to cover the entire distance.

Ans
- ✘ A. 4 hours
- ✘ B. 6 hours
- ✔ C. 8 hours
- ✘ D. 2 hours

Q.25 The sum of two digits of a 2-digit number is 9. If the number obtained by interchanging the digits exceeds the original number by 27, find the number.

Ans
- ✘ A. 45
- ✘ B. 27
- ✔ C. 36
- ✘ D. 63

Q.26 Priya lent ₹920 to her friend at 5% per annum simple interest for 3 years. How much simple interest does she earn in this period?

Ans
- ✗ A. ₹145
- ✗ B. ₹127
- ✗ C. ₹150
- ✓ D. ₹138

Q.27 Which single digit should replace the blank in the number 1_36 so that the number is divisible by 9?

Ans
- ✗ A. 3
- ✓ B. 8
- ✗ C. 1
- ✗ D. 5

Q.28 The population of a town decreased from 8,000 to 7,200 in one year. What is the percentage decrease?

Ans
- ✓ A. 10%
- ✗ B. 12%
- ✗ C. 15%
- ✗ D. 8%

Q.29 X can finish a job in 20 days. Y can complete the same job in 15 days. If X and Y work together for 5 days and X leaves, how long will Y take to finish the remaining work?

Ans
- ✓ A. 6.25 days
- ✗ B. 7 days
- ✗ C. 4.5 days
- ✗ D. 5 days

Q.30 A vendor uses a 50 g stone in place of a 60 g weight while selling salt. If he sells the salt at the cost price per kilogram, what is his profit percentage on the transaction?

Ans
- ✓ A. 20%
- ✗ B. 18%
- ✗ C. 15%
- ✗ D. 16.67%

Section : **General Awareness**

Q.31 Which of the following statements about the National Industrial Corridor Development Programme is INCORRECT?

Ans
- ✗ A. It seeks to develop new industrial cities as smart cities by integrating next-generation technologies across infrastructure sectors
- ✗ B. It is an infrastructure initiative that aims to shape the future of urban and industrial development
- ✗ C. It aims at providing complete “plug and play” infrastructure till the plot level along with building sustainable future ready cities
- ✓ D. The program started with the launch of Palakkad-Bangalore-Mumbai-Ahmedabad Industrial Corridor in 2010

Q.32 Who among the following wrote the book 'The World After Gaza'?

Ans
- ✗ A. Dr. S Jaishankar
- ✗ B. Dr. Aishwarya Pandit
- ✗ C. Amitabh Kant
- ✓ D. Pankaj Mishra

Q.33 The International Day for the Elimination of Violence against Women marks the beginning of which global campaign?

Ans

✗ A. 30 Days of Human Rights Protection

✗ B. 7 Days for Women

✓ C. 16 Days of Activism against Gender-Based Violence

✗ D. 10 Days of Equality

Q.34 Which of the following Deccan rulers defeated Harshavardhana and assumed the title "Dakshinapatheshvara" (Lord of the Deccan)?

Ans

✗ A. Dhruva Dharavarsha

✗ B. Vikramaditya I

✗ C. Narasimhavarman I

✓ D. Pulakeshin II

Q.35 The Supreme Court of India can issue how many types of writs (orders)?

Ans

✗ A. 2

✗ B. 3

✗ C. 6

✓ D. 5

Q.36 As mentioned in the Economic Survey 2024-25, what was the diaspora population of India in 2020?

Ans

✗ A. 12 million

✓ B. 18 million

✗ C. 26 million

✗ D. 32 million

Q.37 Which combination correctly matches the device with its primary function?

Ans

✗ A. OCR – Recognizing magnetic ink characters

✗ B. Barcode Reader – Capturing handwritten text

✗ C. MICR – Reading barcodes

✓ D. OMR – Detecting shaded marks on paper

Q.38 Which Article allows constitutional remedies for enforcement of Fundamental Rights by courts?

Ans

✗ A. Article 226

✗ B. Article 300

✓ C. Article 32

✗ D. Article 44

Q.39 Which mountain range lies immediately to the south of the Vindhyan Range, separated by the Narmada Valley?

Ans

✗ A. Aravalli Range

✓ B. Satpura Range

✗ C. Western Ghats

✗ D. Eastern Ghats

Q.40 Which of the following correctly pairs the provision and its subject as per the Indian Constitution?

Ans

✗ A. Article 7 – Power of Parliament to regulate citizenship

✓ B. Article 5 – Citizenship at commencement

✗ C. Article 9 – Citizenship by registration

✗ D. Article 11 – Citizenship by birth

Q.41 Which of the following classical dance forms of India originated among the Kathakars (storytellers) of northern India, later incorporating elements of Bhakti traditions as well as Persian and Central Asian influences during the Mughal period?

Ans
- ✔ A. Kathak
- ✘ B. Kuchipudi
- ✘ C. Mohiniyattam
- ✘ D. Bharatanatyam

Q.42 India and Russia conducted 14th Edition of Maritime Bilateral Exercise INDRA 2025 on which of the following coasts?

Ans
- ✘ A. Mangaluru
- ✔ B. Chennai
- ✘ C. Vishakhapatnam
- ✘ D. Kochi

Q.43 Which of the following activities formed a central component of the extremist strategy of political mobilisation in the early nationalist phase of India's freedom strugle?

Ans
- ✔ A. Promoting swadeshi through the boycott of foreign goods and local production
- ✘ B. Replacing mass meetings with secret organisations focused on covert action
- ✘ C. Limiting participation to educated elites through controlled political forums
- ✘ D. Adopting British constitutional practices as the primary model for reform

Q.44 AR Rahman won the Academy Award for Best Original Score for which film?

Ans
- ✘ A. Rockstar
- ✘ B. Lagaan
- ✘ C. Dil Se
- ✔ D. Slumdog Millionaire

Q.45 In which year was the Hindustan Republican Association (HRA) formed?

Ans
- ✘ A. 1920
- ✔ B. 1924
- ✘ C. 1922
- ✘ D. 1926

Q.46 The Sardar Sarovar Project is built on which river?

Ans
- ✘ A. Mahi
- ✔ B. Narmada
- ✘ C. Tapi
- ✘ D. Sabarmati

Q.47 Diabetes, cancer, and asthma are collectively known as which type of disorders?

Ans
- ✘ A. Communicable diseases
- ✘ B. Airborne diseases
- ✔ C. Non-communicable diseases
- ✘ D. Deficiency diseases

Q.48 The Arms Act of 1878 was introduced during the tenure of which Viceroy of British India?

Ans
- ✘ A. Lord Curzon
- ✘ B. Lord Wellesley
- ✔ C. Lord Lytton
- ✘ D. Lord Ripon

Q.49 Which molecule is primarily responsible for storing genetic information in most living organisms?

Ans
- ✔ A. DNA
- ✘ B. RNA
- ✘ C. Protein
- ✘ D. Lipid

Q.50 Who among the following announced the UN80 initiative in 2025?

Ans
- ✘ A. Judge Yuji Iwasawa
- ✘ B. Dr. Tedros Adhanom Ghebreyesus
- ✔ C. António Guterres
- ✘ D. Bob Rae

Q.51 Which of the following was a major military reason behind the construction of Siri Fort?

Ans
- ✘ A. To celebrate Khilji's victory over the Cholas
- ✘ B. To serve as a trading hub for the Songara Rajputs
- ✔ C. To protect Delhi from Mongol attacks
- ✘ D. To house Buddhist monasteries

Q.52 Which Indian ministry, in collaboration with the International Council for Circular Economy (ICCE), unveiled the 'I Am Circular' Coffee Table Book in April 2024?

Ans
- ✘ A. Ministry of education
- ✔ B. Ministry of Electronics and Information Technology
- ✘ C. Ministry of Finance
- ✘ D. Ministry of Information and Broadcasting

Q.53 Who succeeded Bahlol Lodi and ascended the throne in AD 1489?

Ans
- ✔ A. Sikandar Lodi
- ✘ B. Ibrahim Lodi
- ✘ C. Alam Shah
- ✘ D. Muhammad Shah

Q.54 In March 2025, ISRO developed Vikram 3201 and Kalpana 3201. These are example of which of the following?

Ans
- ✘ A. New launch vehicles
- ✘ B. Space telescopes
- ✔ C. 32-bit microprocessors
- ✘ D. Navigation satellites

Q.55 Which institution is primarily responsible for providing and regulating credit for the promotion of agriculture and rural development in India?

Ans
- ✘ A. Ministry of Finance
- ✔ B. National Bank for Agriculture and Rural Development (NABARD)
- ✘ C. Reserve Bank of India (RBI)
- ✘ D. State Bank of India (SBI)

Q.56 A computer's characteristic of Accuracy means it can produce precise and correct results as long as the _____ is/are correct.

Ans
- ✔ A. input data and instructions
- ✘ B. size of the system's RAM
- ✘ C. speed of the processor
- ✘ D. resolution of the display screen

Q.57 Considering the periodic trends, which property explains why noble gases are chemically inert under standard conditions?

Ans

✗ A. High electronegativity

✗ B. Low ionization energy

✓ C. Completely filled valence shell

✗ D. High atomic mass

Q.58 Under an MoU signed on 2 September 2025 between the Department of Ex-Servicemen Welfare and Patanjali Yoggram, nearly six million veterans and their dependents will receive free access to which type of treatment?

Ans

✗ A. Allopathic treatment

✗ B. Advanced cardiac treatment

✗ C. Oncology treatment

✓ D. AYUSH treatment

Q.59 Which of the following is an example of a fibre crop in India?

Ans

✗ A. Cucumber

✗ B. Turnip

✗ C. Radish

✓ D. Jute

Q.60 The Right to Information Act 2005 was extended to the whole of India except which of the following state/UT at the time of enactment in 2005?

Ans

✓ A. Jammu and Kashmir

✗ B. Tripura

✗ C. West Bengal

✗ D. Mizoram

Q.61 Where is the head office of the National Institute of Rural Development and Panchayati Raj in India?

Ans

✗ A. Lucknow

✓ B. Hyderabad

✗ C. Delhi

✗ D. Patna

Q.62 The governor can dissolve Vidhan Sabha before the completion of its term on the advice of the _____.

Ans

✗ A. High Court of the State

✗ B. Election Commission

✓ C. Chief Minister

✗ D. President

Q.63 The thorn and scrub vegetation of India is mainly found in which region?

Ans

✗ A. Malabar Coast

✗ B. Eastern Himalayas

✗ C. Sundarbans

✓ D. Western Rajasthan

Q.64 The dissolution of which of the following in water makes the solution acidic due to the formation of sulphurous acid?

Ans
- ✗ A. Sulphonic acid
- ✗ B. Sulphur trioxide
- ✓ C. Sulphur dioxide
- ✗ D. Sulphur hexafluoride

Q.65 When using the search term Invoice* in Windows 11 File Explorer, which files will be found?

Ans
- ✗ A. Files that have “Invoice” anywhere in the name
- ✓ B. Files that begin with the word “Invoice”
- ✗ C. Files that contain exactly the word “Invoice”
- ✗ D. Files that end with the word “Invoice”

Q.66 What is the primary function of the keyboard shortcut Ctrl + H in applications like MS Word?

Ans
- ✗ A. Displays document history
- ✗ B. Opens the Help window
- ✓ C. Opens the Find and Replace dialog box
- ✗ D. Highlights selected text

Q.67 Which two countries signed a peace accord known as the ‘Kuala Lumpur Peace Accord’ in October 2025?

Ans
- ✗ A. Thailand and Myanmar
- ✗ B. Malaysia and Indonesia
- ✓ C. Cambodia and Thailand
- ✗ D. Vietnam and Cambodia

Q.68 Which neighbouring country is separated from India by the Palk Strait?

Ans
- ✓ A. Sri Lanka
- ✗ B. Afghanistan
- ✗ C. Myanmar
- ✗ D. Maldives

Q.69 Which of the following traditional art forms originated in the Mithila region of Bihar?

Ans
- ✗ A. Warli paintings
- ✓ B. Madhubani paintings
- ✗ C. Kalamkari paintings
- ✗ D. Pattachitra paintings

Q.70 In which year was the Ninth Amendment to the Constitution passed in India?

Ans
- ✗ A. 1950
- ✓ B. 1960
- ✗ C. 1964
- ✗ D. 1962

Section : **General Intelligence and Reasoning**

Q.71 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

DCF−GFI
YXA−BAD

Ans
✗ A. TRT−WVY
✓ B. RQT−UTW
✗ C. TSV−VVX
✗ D. TRT−VUX

Q.72 What should come in place of the '?' in the given series?

8 15 28 53 ? 199

Ans
✓ A. 102
✗ B. 103
✗ C. 104
✗ D. 101

Q.73 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✓ A. FZO
✗ B. ICW
✗ C. NHB
✗ D. GAU

Q.74 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

FORK – ORKF – RKFO
TUCK – UCKT – CKTU

Ans
✓ A. BAKE - AKEB - KEBA
✗ B. THEM - MTHE - EMTH
✗ C. FUND - UNFD - NFUD
✗ D. CLOT - CTLO - COTL

Q.75 Refer to the given number series and answer the question that follows. All numbers are single-digit numbers only. Counting to be done from left to right only.

(Left) 3 9 5 3 8 4 4 2 9 8 9 4 6 6 5 7 7 2 4 1 3 6 3 (Right)

How many such even digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an even digit?

Ans
✗ A. One
✗ B. Four
✓ C. Three
✗ D. Two

Q.76 In a certain code language,
A ÷ B means 'A is the son of B',
A # B means 'A is the wife of B',
A + B means 'A is the brother of B' and
A & B means 'A is the father of B'.

How is S related to H if 'S + D & R # Y ÷ H'?

Ans
✗ A. Son's wife's brother's son
✗ B. Wife's father's brother
✓ C. Son's wife's father's brother
✗ D. Son's wife's father's sister

Q.77 Seven boxes, G, H, I, L, M, N and O, are kept one over the other, but not necessarily in the same order.
No box is kept below L. Only four boxes are kept between M and L. H is kept above M. Only two boxes are kept between O and N. I is kept immediately above G. N is not kept immediately above I.
Which box is kept fourth from the bottom?

Ans
✗ A. O
✗ B. M
✗ C. N
✓ D. I

Q.78 Anamika starts from Point A and drives 2 km towards the north. She then takes a right turn, drives 5 km, turns right and drives 7 km. She then takes a right turn and drives 8 km. She takes a final right turn, drives 5 km and stops at Point P. How far (shortest distance) and towards which direction should she drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
✓ A. 3 km to the east
✗ B. 2 km to the west
✗ C. 1 km to the east
✗ D. 4 km to the east

Q.79 Each vowel in the word CONTACT is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be first from the right in the new group of letters thus formed?

Ans
✗ A. T
✗ B. R
✓ C. S
✗ D. U

Q.80 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ A. QM – XJ
✗ B. HP – OM
✗ C. RD – YA
✓ D. LG – SC

Q.81 Select the pair which follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern.
DKW : HEV
EGK : IAJ

Ans
✗ A. SOT : WJS
✓ B. LRD : PLC
✗ C. FQK : JKL
✗ D. JGX : NAV

Q.82 Seven boxes R, A, N, D, O, M and S are kept one over the other but not necessarily in the same order. Only five boxes are kept above N. Only three boxes are kept between N and S. O is kept at one of the positions below N. Only D is kept between S and R. A is kept at one of the positions above S. How many boxes are kept between R and O?

Ans
- ✗ A. Three
- ✗ B. One
- ✗ C. Four
- ✓ D. Two

Q.83 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ A. KH - MJ
- ✗ B. IF - KH
- ✗ C. NK - PM
- ✓ D. PM - NM

Q.84 If 3 is added to each odd digit and 2 is subtracted from each even digit in the number 8254316, then what will be the sum of the digits that are third from the left and third from the right in the new number thus formed?

Ans
- ✓ A. 14
- ✗ B. 13
- ✗ C. 15
- ✗ D. 12

Q.85 In a certain code language, "JCPV" is coded as "51" and "DYSF" is coded as "48". What is the code for "HTOB" in that given language?

Ans
- ✗ A. 50
- ✗ B. 53
- ✗ C. 49
- ✓ D. 57

Q.86 Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) R D A U F U E Q Y U M U Y G J S P B A J L Q S H (Right)

How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a consonant?

Ans
- ✗ A. Two
- ✗ B. Four
- ✓ C. Three
- ✗ D. One

Q.87 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

PHX 80, TLB 73 , XPF 66 , BTJ 59, ?

Ans
- ✗ A. GYM 44
- ✗ B. HYN 49
- ✗ C. GWM 50
- ✓ D. FXN 52

Q.88 In a certain code language, ‘zip sip unit’ is coded as ‘zm ax jn’ and ‘wife zip house’ is coded as ‘jn yc fj’. How is ‘zip’ coded in that language?

Ans
- ✗ A. ax
- ✗ B. zm
- ✓ C. jn
- ✗ D. yc

Q.89 If ‘A’ stands for ‘+’, ‘B’ stands for ‘–’, ‘C’ stands for ‘×’ and ‘D’ stands for ‘÷’, what will come in place of the question mark (?) in the following equation?

34 B 45 D 5 A 2 C 4 = ?

Ans
- ✗ A. 35
- ✓ B. 33
- ✗ C. 37
- ✗ D. 31

Q.90 A is the wife of C. L and O are the son and daughter of C, respectively. Q is the wife of L and L is the father of G. M is the husband of O and M is the father of D. How is A related to D?

Ans
- ✓ A. Mother's mother
- ✗ B. Mother
- ✗ C. Sister
- ✗ D. Father's mother

Q.91 What should come in place of ‘?’ in the given series?

47 61 78 98 121 147 ?

Ans
- ✗ A. 168
- ✓ B. 176
- ✗ C. 173
- ✗ D. 180

Q.92 If + means -, - means ×, × means ÷, and ÷ means +, then what will come in place of the question mark (?) in the following equation?

41 - 16 ÷ 271 + 611 × 13 = ?

Ans
- ✗ A. 866
- ✗ B. 812
- ✓ C. 880
- ✗ D. 860

Q.93 Seven boxes M, N, O, P, X, Y and Z are kept one over the other but not necessarily in the same order. Only N is kept above P. Only two boxes are kept between P and X. Only O is kept below Y. Z is not kept immediately above X. Which box is kept second above M?

Ans
- ✗ A. Z
- ✗ B. O
- ✗ C. X
- ✓ D. P

Q.94 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion(s) logically follow(s) from the given statements.
Statements: Some butters are vegetables. All scales are vegetables.
Conclusions (I) Some butters are scales.
Conclusions (II) All vegetables are scales.

Ans
- ✗ A. Only conclusion (I) follows
- ✓ B. Neither conclusion (I) nor (II) follows
- ✗ C. Only conclusion (II) follows
- ✗ D. Both conclusions (I) and (II) follow

Q.95 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

OSR NRQ MQP LPO ?

Ans
- ✗ A. KNM
- ✓ B. KON
- ✗ C. KPM
- ✗ D. KLN

Q.96 A, B, D, J, O, T and Z are sitting around a circular table facing the center. Only two people sit between A and Z when counted from the left of A. J is an immediate neighbor of Z. Only one person sits between J and O when counted from the left of J. O is not an immediate neighbor of Z. T sits immediately to the left of D. How many people sit between B and O when counted from the left of O?

Ans
- ✓ A. Five
- ✗ B. Three
- ✗ C. Two
- ✗ D. Four

Q.97 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 their 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.)

(5, 8, 14)
(19, 22, 28)

Ans
- ✗ A. (26, 29, 34)
- ✗ B. (15, 18, 34)
- ✗ C. (41, 44, 52)
- ✓ D. (34, 37, 43)

Q.98 Seven people, A, B, C, D, E, F and G, are sitting in a row, facing north. F sits third to the left of A and F sits third to the right of D. E sits third to the left of B and B sits to the immediate left of G. How many people sit between G and E?

Ans
- ✓ A. Three
- ✗ B. One
- ✗ C. Two
- ✗ D. None

Q.99 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
All desktops are fans.
All fans are cups.

Conclusions:
(I) Some cups are fans.
(II) All desktops are cups.

Ans
- ✗ A. Only conclusion (I) follows
- ✓ B. Both conclusions (I) and (II) follow
- ✗ C. Neither conclusion (I) nor (II) follows
- ✗ D. Only conclusion (II) follows

Q.100 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

PSV3 , WZC13 , DGJ23 , KNQ33 , ?

Ans
- ✗ A. RVX43
- ✗ B. RUY43
- ✗ C. SUX43
- ✓ D. RUX43

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