



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	19/03/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC GRADUATE CBT 1

* 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 : RRB NTPC GRADUATE CBT 1

Q.1 A and B complete a work in 21 days. If A alone can do it in 28 days, then B alone can do three-fourth of the same work in _____ days.

- Ans
- A. 35
 - B. 56
 - C. 63
 - D. 49

Q.2 Based on the alphabetical order, three of the following four 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 man out is not based on the number of consonants/vowels or their position in the letter cluster.)

- Ans
- A. MIL
 - B. QMO
 - C. SOQ
 - D. OKM

Q.3 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
MPL 79 KNJ 87 ILH 95 GJF 103 ?

- Ans
- A. EJP 110
 - B. EIC 111
 - C. EGC 110
 - D. EHD 111

Q.4 Girish scored 441 marks in an examination and was 75 marks short of 30% of maximum marks. In the same examination, his friend scored 688 marks. What is the percentage of marks scored by his friend?

- Ans
- A. 38%
 - B. 42%
 - C. 44%
 - D. 40%

Q.5 Which of the following Articles of the Constitution of India relates to the tenure of the Governor, including serving at the discretion of the President and the method of stepping down from office?

- Ans**
- A. Article 157
 - B. Article 155
 - C. Article 158
 - D. Article 156

Q.6 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.)

(9, 17, 7)
(6, 12, 5)

- Ans**
- A. (6, 12, 4)
 - B. (4, 9, 4)
 - C. (2, 5, 3)
 - D. (9, 17, 5)

Q.7 _____ is primarily used to focus parallel rays of light.

- Ans**
- A. Convex lens
 - B. Cylindrical lens
 - C. Bifocal lens
 - D. Concave lens

Q.8 The common root of the equations $x^2 - 21x + 110 = 0$ and $110 + x - x^2 = 0$, is:

- Ans**
- A. 11
 - B. 10
 - C. -11
 - D. -10

Q.9 The distance between two points on a map is 4 cm. The scale of the map is 1 : 829483. The actual distance between the two points (in km) is:
(Round off your answer to two decimal places.)

- Ans**
- A. 38.85
 - B. 33.63
 - C. 30.25
 - D. 33.18

Q.10 On 10 November 2025, the Pan American Health Organization (PAHO) stated that the Region of the Americas no longer retained its status of being free from endemic transmission of which of the following diseases?

- Ans**
- A. Yellow fever
 - B. Polio
 - C. Measles
 - D. Cholera

Q.11 Solve the following system of linear equations:

$$-p + 2q - 3r = -9$$

$$p - 3q + r = 6$$

$$2p - 5q + 5r = 17$$

Ans A. $p = -1, q = 3, r = 2$

B. $p = 1, q = -1, r = 2$

C. $p = 1, q = 1, r = -2$

D. $p = -1, q = -1, r = 3$

Q.12 Evaluate: $(-9) - (-56) \div (-14) + (-4) \times 8$

Ans A. -48

B. -47

C. -44

D. -45

Q.13 The Senkaku Islands, recently in the news after a China Coast Guard "rights enforcement patrol," are administered by which country?

Ans A. China

B. Japan

C. South Korea

D. Taiwan

Q.14 In a certain code language, 'LITE' is coded as '3492' and 'TIME' is coded as '3954'. What is the code for 'M' in the given code language?

Ans A. 3

B. 4

C. 9

D. 5

Q.15 Seven people, B, C, O, P, Q, R and S, are sitting in a straight line, facing north. Q sits second from the left end of the line. Only two people sit between Q and R. C sits immediately to the right of S. O sits immediately to the left of B. Only one person sits between R and S. How many people sit between P and O?

Ans A. Three

B. One

C. Two

D. Four

Q.16 If 'A' stands for '+', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

$$19 D 54 A 6 C 4 B 2 = ?$$

Ans A. 16

B. 17

C. 18

D. 14

Q.17 What is the median if the mode of distribution is 48 and the mean is 72?

Ans A. 62

B. 64

C. 54

D. 60

Q.18 Which Buddhist text, from the 1st century BCE, records the dialogues of the Buddha?

- Ans
- A. Vinaya Pitaka
 - B. Abhidhamma Pitaka
 - C. Sutta Pitaka
 - D. Jataka Tales

Q.19 The 101st Constitutional Amendment Act of 2016 was related to which of the following?

- Ans
- A. Introducing the National Judicial Appointments Commission (NJAC)
 - B. Exchanging enclaves and making other territorial adjustments between India and Bangladesh
 - C. Appointing a Minister in charge of tribal welfare in the states of Chhattisgarh and Jharkhand
 - D. Introducing the Goods and Services Tax (GST) in India

Q.20 A, B and C together can complete a certain work in 36 days. B and C together can complete the same work in 48 days. B is 75% more efficient than A. A, B and C work together for 15 days. B alone will complete the remaining work in:

- Ans
- A. 48 days
 - B. 51 days
 - C. 53 days
 - D. 44 days

Q.21 The number of ordered pair of positive integral solutions (a, b) such that the HCF of a and b is 28 and $a + b = 868$ is

- Ans
- A. 20
 - B. 25
 - C. 15
 - D. 30

Q.22 Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit numbers only.

(Left) \$ 8 6 2 @ \$ # 1 5 # % * 9 7 5 @ 3 # 1 * 4 \$ (Right)

If all the symbols are dropped from the series, which of the following will be sixth from the right?

- Ans
- A. 5
 - B. 9
 - C. 3
 - D. 7

Q.23 The 'Kudankulam Nuclear Power Plant' is located in which state?

- Ans
- A. Tamil Nadu
 - B. Andhra Pradesh
 - C. Karnataka
 - D. Kerala

Q.24 The widespread use of which architectural features distinguishes Mughal architecture from earlier trabeate temple construction?

- Ans
- A. Circular stupas and railings
 - B. Arches and domes
 - C. Wooden beams and flat ceilings
 - D. Corbelled roofs and stepped pyramids

Q.25 What does the term 'Sovereign' in the Indian Constitution's Preamble signify for India?

- Ans
- A. Religious freedom for all citizens
 - B. Power to appoint President
 - C. Independence from external control
 - D. Policy of non-alignment

Q.26 The volume of a cylindrical tank is 1584 cubic meters. If the height of the tank is 14 m, then find the diameter of the tank. $\left(\text{Use } \pi = \frac{22}{7}\right)$

- Ans
- A. 6 m
 - B. 12 m
 - C. 18 m
 - D. 9 m

Q.27 A is the wife of D. D has a daughter named X and a son named M. M is married to Y. How is Y related to A?

- Ans
- A. Son's son
 - B. Son's wife
 - C. Daughter's son
 - D. Father

Q.28 There are 46 members in group A, 15 members in group B and 11 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹496, ₹106 and ₹406, respectively. The overall average amount (in ₹) spent per member is:

- Ans
- A. 403
 - B. 396
 - C. 399
 - D. 401

Q.29 Which famous Indian classical singer was awarded the Bharat Ratna in 1998 for her contribution to Carnatic music?

- Ans
- A. M. S. Subbulakshmi
 - B. Aruna Sairam
 - C. Shubha Mudgal
 - D. Kishori Amonkar

Q.30 If $x + y + z = 10$, $x^2 + y^2 + z^2 = 38$, $5xyz = 150$ and $(xy + yz + zx) = 31$, then what is the value of $2(x^3 + y^3 + z^3)$?

- Ans
- A. 520
 - B. 320
 - C. 260
 - D. 160

Q.31 Read the given statements 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 conclusion(s) logically follow(s) from the statements.

Statements:

All gorillas are monkeys. Some monkeys are baboons. All baboons are chimpanzees.

Conclusions:

(I) All chimpanzees are monkeys.

(II) Some chimpanzees are gorillas.

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

Q.32 Which of the following gasses is NOT classified as a noble gas?

- Ans**
- A. Argon
 - B. Oxygen
 - C. Neon
 - D. Helium

Q.33 What should come in place of '?' in the given series?

35 37 40 45 52 ?

- Ans**
- A. 65
 - B. 66
 - C. 62
 - D. 63

Q.34 At time $t=0$, a body of mass 1 Kg starts to fall freely from rest from a height of 100 m. Compared to the kinetic energy at 3 seconds, the kinetic energy at 4 seconds _____.

- Ans**
- A. Is smaller
 - B. Remains same
 - C. Is larger
 - D. Is not determinable

Q.35 Which indigenous CAR T-cell therapy, launched in 2025, marked a historic milestone in India's cancer treatment and biotechnology ecosystem?

- Ans**
- A. NexCAR19 indigenous CAR T-cell therapy
 - B. BharatCAR advanced cellular immunotherapy
 - C. IndiGene CAR T-cell oncology therapy
 - D. OncoShakti indigenous gene-based cancer therapy

Q.36 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: KQM :: OUQ : %

- Ans**
- A. # = LRM , % = NTP
 - B. # = LRN , % = NTP
 - C. # = LRN , % = NSP
 - D. # = LRN , % = NTO

Q.37 Behramji Merwanji Malabari, a Parsi social reformer, is credited for his efforts with the legislative enactment related to which of the following social evils?

- Ans
- A. Child marriage
 - B. Untouchability
 - C. Female infanticide
 - D. Widow burning or sati

Q.38 Which region is known as the “Ring of Fire” due to frequent volcanic activity?

- Ans
- A. East African Rift
 - B. Mid Atlantic Ridge
 - C. Indian Ocean Floor
 - D. Pacific Ocean Rim

Q.39 Data stored on a hard disk must be transferred to which memory unit before the CPU can access it?

- Ans
- A. Secondary memory
 - B. BIOS memory
 - C. CD-ROM storage
 - D. Primary memory

Q.40 Bamboo exhibits a specific type of leaf venation and root structure. What are the characteristics of these features?

- Ans
- A. Reticulate Venation and Fibrous Root
 - B. Parallel Venation and Fibrous Root
 - C. Parallel Venation and Tap Root
 - D. Reticulate Venation and Tap Root

Q.41 Which of the following letter-number clusters will replace the question mark “?” in the given series to make it logically complete?
AIW 8, YGU 14, WES 20, UCQ 26, ?

- Ans
- A. TAN 33
 - B. SAO 32
 - C. RZN 32
 - D. SZM 32

Q.42 The Supreme Court’s order dated **29 December 2025** was passed in a suo motu matter titled “*In Re: Definition of ____ Hills and Ranges and Ancillary Issues.*” Which hill range is being referred to?

- Ans
- A. Aravalli Hills and Ranges
 - B. Satpura Range
 - C. Vindhya Range
 - D. Shivalik Hills

Q.43 Which shortcut opens the Properties of the selected item?

- Ans
- A. Alt+Ctrl
 - B. Alt+Shift
 - C. Alt+E
 - D. Alt+Enter

Q.44 During a sale 35% of the goods are sold at 22% profit, 40% of the remaining goods are sold at 37% profit and the still remaining goods are sold at a loss of 38%. If there is an overall profit of $x\%$, then what is the value of x ?

- Ans**
- A. 10.8
 - B. 5.4
 - C. 2.5
 - D. 6.8

Q.45 The 'Prayaga prashasti' also known as the 'Allahabad pillar' is composed in praise of which of the following rulers?

- Ans**
- A. Asoka
 - B. Rudradaman
 - C. Samudragupta
 - D. Chandragupta II

Q.46 Subrata gets double the amount in 8 years when invested at compound interest, compounded annually. In how many years will the amount become eight times itself?

- Ans**
- A. 24
 - B. 64
 - C. 32
 - D. 16

Q.47 Who shared the 'Best Actor in a Comedy Series' award at the Filmfare OTT Awards in December 2025?

- Ans**
- A. Barun Sobti and Sparsh Shrivastava
 - B. Sanya Malhotra and Monika Panwar
 - C. Vinay Pathak and Rahul Bhatt
 - D. Jaideep Ahlawat and Vikramaditya Motwane

Q.48 In what duration (in years) will ₹8,400 fetch a simple interest of ₹840 at 4% per annum rate of interest?

- Ans**
- A. 1.5
 - B. 2.5
 - C. 3.5
 - D. 5

Q.49 In a certain code language, 'NICE' is coded as '8246' and 'COST' is coded as '3851'. What is the code for 'C' in the given code language?

- Ans**
- A. 4
 - B. 8
 - C. 5
 - D. 3

Q.50 Find the value of m, satisfying equation:

$$\left(\frac{17}{4}\right)^9 \times \left(\frac{4}{17}\right)^8 \times \left(\frac{17}{4}\right)^{15} = \left(\frac{4}{17}\right)^{5m+15}$$

- Ans
- A. $-\frac{39}{5}$
 - B. $-\frac{40}{5}$
 - C. $-\frac{32}{5}$
 - D. $-\frac{31}{5}$

Q.51 Select the triad which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

CLUB-CUBL-ULCB
HANG-HNGA-NAHG

- Ans
- A. MASK-MSKA-SAMK
 - B. EARN-ARNE-ENRA
 - C. NEST-ETNS-TNSE
 - D. BALD-DLAB-LADB

Q.52 Golu starts from Point A and drives 53 km towards West. He then takes a left turn, drives 50 km, turns left and drives 54 km. He then takes a left turn and drives 60 km. He takes a final left turn, drives 1 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only, unless specified.)

- Ans
- A. 8 km to the South
 - B. 12 km to the North
 - C. 11 km to the North
 - D. 10 km to the South

Q.53 Which Indian nationalist leader emerged as a prominent figure of the extremist phase of the freedom movement, emphasizing direct action and mass mobilisation?

- Ans
- A. Surendranath Banerjee
 - B. Dadabhai Naoroji
 - C. Gopal Krishna Gokhale
 - D. Bal Gangadhar Tilak

Q.54 What will come in place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $95 \div 5 + 378 \times 3 - 161 = ?$

- Ans
- A. 680
 - B. 590
 - C. 510
 - D. 620

Q.55 By how much (approximately) was the area of Sariska Wildlife Sanctuary expanded in its 2025 update?

- Ans
- A. ~10,000 hectares
 - B. ~25,000 hectares
 - C. ~60,000 hectares
 - D. ~44,000 hectares

Q.56 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

DRU : BWS
ZBQ : XGO

- Ans
- A. VLM : TQK
 - B. BCG : WGB
 - C. CLU : AOS
 - D. HKD : DNZ

Q.57 A geological survey team has established three research stations forming a triangular monitoring zone. The stations are located at coordinates P(2,5), Q(8,1), and R(4,9) on a coordinate grid where each unit represents 1 kilometer. What is the area of the triangular monitoring zone?

- Ans
- A. 10 square kilometers
 - B. 14 square kilometers
 - C. 12 square kilometers
 - D. 16 square kilometers

Q.58 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. V has an exam on Thursday. T has an exam on one of the days after P and on one of the days before U. Q has an exam on one of the days after R but on one of the days before S. R has an exam on one of the days after V. Who has an exam on Sunday?

- Ans
- A. P
 - B. R
 - C. S
 - D. V

Q.59 Which of the following statements is not correct?

- Ans
- A. A state legislature can not impose tax on the consumption or sale of electricity.
 - B. Article 282 empowers both the Centre and the states to make any grants for any public purpose, even if it is not within their respective legislative competence.
 - C. A state legislature is prohibited from imposing a tax on the supply of goods or services or both where such supply takes place outside the state and where such supply takes place in the course of import or export.
 - D. A state legislature can impose taxes on professions, trades, callings and employments.

Q.60 Which of the following is an example of System Software?

- Ans
- A. Paint
 - B. Power Point
 - C. Windows
 - D. MS Word

Q.61 In a park, there is a flagpole. A person standing 30 m away from the flagpole observes that the angle of elevation of the top of the flagpole is 30° . Determine the height (in metres) of the flagpole.

- Ans
- A. $40\sqrt{3}$
 - B. $20\sqrt{3}$
 - C. $10\sqrt{3}$
 - D. $30\sqrt{3}$

Q.62 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, certain mathematical operations on the second number result in the third number and so on. Which of the given options follows the same set of operations as in question? (NOTE – A two/three-digit number cannot be broken into individual digits for operations, e.g., if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)
12 – 26 – 46 – 70; 20 – 34 – 54 – 78

- Ans** A. 25 – 39 – 59 – 83
 B. 28 – 42 – 52 – 76
 C. 34 – 48 – 78 – 102
 D. 15 – 30 – 50 – 74

Q.63 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6. The product of the floors on which D and B live is 15. A lives immediately above F. The sum of the floors on which C and B live is 7. What is the sum of the floors on which B and F live?

- Ans** A. 6
 B. 4
 C. 3
 D. 5

Q.64 What is the average of 7, 9 and 11?

- Ans** A. 9
 B. 7
 C. 10
 D. 8

Q.65 What was the role of guilds (shrenis) in post-Gupta India?

- Ans** A. Administration
 B. Military service
 C. Religious reforms
 D. Regulated trade and crafts

Q.66 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question? (NOTE – A two/three-digit number cannot be broken into individual digits for operations. E.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)

5 – 20 – 60 – 120
 8 – 32 – 96 – 192

- Ans** A. 24 – 48 – 96 – 120
 B. 10 – 40 – 120 – 240
 C. 60 – 240 – 80 – 160
 D. 12 – 48 – 144 – 248

Q.67 Refer to the following letter, number, symbol series and answer the question.

(Left) 5 C £ T R 6 B \$ D © 9 6 * 9 # Z 7 2 R \$ O K (Right)

If all the symbols are dropped from the series, which of the following will be fourth from the left?

- Ans** A. 6
 B. B
 C. D
 D. R

Q.68 When did the Legal Services Authorities Act come into force?

- Ans A. 9 November 1995
 B. 15 August 1947
 C. 1 April 1988
 D. 26 January 1950

Q.69 Who among the following introduced the Blue Water Policy to strengthen Portuguese naval power in the Indian Ocean?

- Ans A. Nuno da Cunha
 B. Afonso de Albuquerque
 C. Bartholomew Diaz
 D. Francisco De Almeida

Q.70 What is the value of $(7x + 6y)$, if mean of the following distribution is 50?

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	6	19	x	5	y	59

- Ans A. 190
 B. 200
 C. 182
 D. 170

Q.71 Through which Constitutional Amendment were the Fundamental Duties incorporated into the Constitution?

- Ans A. 52nd Amendment, 1985
 B. 97th Amendment, 2011
 C. 61st Amendment, 1989
 D. 42nd Amendment, 1976

Q.72 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. GI-JL
 B. MO-PR
 C. JL-MO
 D. BD-FH

Q.73 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers only.

(Left) % 1 7 3 < \$ 3 7 4 ^ < & # 5 < 3 ^ % > \ & (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a number?

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

Q.74 The ratio of the salaries of A and B is 4 : 5. If A's salary is increased by 20% and B's salary is decreased by 10%, what is the new ratio of their salaries?

- Ans** A. 16 : 15
 B. 14 : 13
 C. 15 : 14
 D. 13 : 12

Q.75 If a boat travels with a speed of 12 km/hr in still water and the speed of stream is 3 km/hr, what would be the time taken (in hours) by boat to go 60 km downstream?

- Ans** A. 4
 B. 9
 C. 5
 D. 6

Q.76 By how much was the rupee devalued in July 1991?

- Ans** A. 10 per cent
 B. 18 per cent
 C. 30 per cent
 D. 25 per cent

Q.77 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:

All hands are legs. Some hands are ears. Some ears are arms.

Conclusions:

(I) Some legs are ears.

(II) Some hands are arms.

- Ans** A. Only conclusion II follows.
 B. Only conclusion I follows.
 C. Both conclusions I and II follow.
 D. Neither conclusion I nor II follows.

Q.78 PQRS is a cyclic trapezium with PS parallel to QR. If $\angle P = 85^\circ$, then the other three angles are:

- Ans** A. $\angle Q = 85^\circ$, $\angle R = 95^\circ$, $\angle S = 95^\circ$
 B. $\angle Q = 85^\circ$, $\angle R = 85^\circ$, $\angle S = 95^\circ$
 C. $\angle Q = 95^\circ$, $\angle R = 85^\circ$, $\angle S = 95^\circ$
 D. $\angle Q = 95^\circ$, $\angle R = 95^\circ$, $\angle S = 85^\circ$

Q.79 Which component of System Software is directly responsible for managing the flow of data between the Central Processing Unit (CPU) and a peripheral device like a printer or a mouse?

- Ans** A. Operating System Kernel
 B. Application Programming Interface (API)
 C. Utility Software
 D. Device Driver

Q.80 In the fiscal year 2024-25, the total remittances sent home by Indians overseas set a new record of:

- Ans A. 135.46 billion dollars
 B. 122.57 billion dollars
 C. 126.76 billion dollars
 D. 156.10 billion dollars

Q.81 Seven people F, G, H, I, U, V, and W are sitting around a circular table facing the centre of the table. G sits third to the right of U. Only three people sit between F and H when counted from the right of H. G sits to the immediate right of H. V sits to the immediate right of W. Who sits second to the right of I?

- Ans A. W
 B. G
 C. U
 D. F

Q.82 In 2025, which multilateral development bank signed five loan agreements with India, including a US\$ 650 million loan to support the Pradhan Mantri Surya Ghar: Muft Bijli Yojana?

- Ans A. New Development Bank (NDB)
 B. World Bank
 C. Asian Development Bank (ADB)
 D. Asian Infrastructure Investment Bank (AIIB)

Q.83 In a certain code language,
A@ B means 'A is the son of B'
A % B means 'A is the brother of B'
A + B means 'A is the wife of B'
A & B means 'A is the father of B'
Based on the above, how is T related to K if 'T@S%G+H&K'?

- Ans A. Mother's brother
 B. Mother's father
 C. Son
 D. Mother's brother's son

Q.84 A boat moves at a speed of 7 km/h in still water. The boat goes 40 km downstream and then 40 km upstream. It is observed that the total time taken for this journey is 560 minutes less than the time it would take if the speed of the stream were 2 km/h faster. What is the initial speed (in km/h) of the stream?

- Ans A. 3.5
 B. 4.5
 C. 4
 D. 3

Q.85 According to the United Nations World Population Prospects (2019), which region is projected to contribute most significantly to global population growth by 2050, thereby affecting future population density trends?

- Ans A. Sub Saharan Africa
 B. Eastern Southeastern Asia
 C. Europe North America
 D. Latin America and the Caribbean

Q.86 Which of the following is equivalent to the expression $\frac{1.2}{0.3} + \frac{2.4}{0.6}$?

- Ans
- A. 4
 - B. 6
 - C. 5
 - D. 8

Q.87 A shopkeeper purchased 52 dozens of articles at the rate of ₹400 per dozen. He sold each one of them at the rate of ₹58. What percentage profit did he make?

- Ans
- A. 73%
 - B. 74%
 - C. 71%
 - D. 75%

Q.88 Which mountain ranges traverse the Trans-Himalayan zone in India?

- Ans
- A. Western Ghats, Eastern Ghats, Satpura
 - B. Himalayas, Satpura, Karakoram
 - C. Zaskar, Ladakh, Karakoram
 - D. Himalayas, Aravalli, Vindhya

Q.89 In a business, A, B, and C invest in the ratio 3 : 5 : 4. Out of the total profit, B gives ₹15,000 to A such that A's share of the profit becomes equal to C's share. What is the total profit (in ₹) of the business?

- Ans
- A. 1,20,000
 - B. 2,40,000
 - C. 1,50,000
 - D. 1,80,000

Q.90 A shopkeeper fixes the marked price of an item 100% above its cost price. What percentage of discount on marked price should be allowed to gain 2%?

- Ans
- A. 49%
 - B. 48%
 - C. 50%
 - D. 47%

Q.91 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. Harsh, Ketan, Mayank, Rohit, and Sidharth, each have different height. Who is the shortest?

(I) Mayank is taller than Harsh but shorter than Ketan.

(II) Rohit is taller than Harsh but shorter than Mayank.

- Ans
- A. Data in Statement II alone is sufficient to answer the question while data in Statement I is not
 - B. Both statements I and II together are NOT sufficient to answer the question
 - C. Data in Statement I alone is sufficient to answer the question while data in Statement II is not
 - D. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question

Q.92 Which stitched sailing vessel of the Indian Navy, which was scheduled for its maiden overseas voyage in December 2025 from Porbandar to Muscat, aims to revive India's ancient maritime legacy?

- Ans
- A. INSV Mhadei
 - B. INSV Kaundinya
 - C. INSV Shardul
 - D. INSV Tarangini

Q.93 Each of seven people, E, F, G, H, J, K and L, has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. Only three people have exams between L and J. Only three people have exams between H and K. E has exam on some day before J and on some day after F. Only G has exam before K. How many people have exams before L?

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

Q.94 Which defensive strategy assigns each defender to guard a specific offensive player based on size and ability in a basketball game?

- Ans
- A. Combined defence
 - B. Zone defence
 - C. Full court press
 - D. Man to man defence

Q.95 A school employs trained and untrained teachers in the ratio 5 : 3. The salaries of a trained and an untrained teachers are in the ratio 4 : 1. If the total salary paid to all teachers in a month is ₹4,60,000, how much total salary is paid to the untrained teachers?

- Ans
- A. ₹45,000
 - B. ₹1,20,000
 - C. ₹60,000
 - D. ₹75,000

Q.96 What should come in place of '?' in the given series?

23 26 32 41 53 ?

- Ans
- A. 66
 - B. 68
 - C. 72
 - D. 70

Q.97 In quadrilateral ABCD, the bisectors of $\angle A$ and $\angle B$ meet at O and $\angle AOB = 41^\circ$. The value of $\angle C + \angle D$ is:

- Ans
- A. 41°
 - B. 98°
 - C. 82°
 - D. 49°

Q.98 Which of the following is a direct consequence of increased particulate matter (PM2.5) in urban air?

- Ans
- A. Respiratory health issues
 - B. Increased soil fertility
 - C. Stratospheric ozone depletion
 - D. Ocean acidification

Q.99 Pandit Jawaharlal Nehru described which of the following as the "temple(s) of modern India"?

- Ans
- A. Dams
 - B. Hospitals
 - C. Parliament
 - D. Schools

Q.100 Which of the following are Plantation crops respectively in Assam and Karnataka?

- Ans**
- A. Barley and ragi
 - B. Tea and coffee
 - C. Rice and wheat
 - D. Sugarcane and mustard