



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Date	20/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

* Note

Correct Answer will carry 1 mark per Question.

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

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

Section : RRB NTPC Graduate Level I

Q.1 What was the theme for the Republic Day 2025 celebrations in India?

- Ans
- 1. Swarnim Bharat: Virasat Aur Vikas
 - 2. Celebrating the Constitution
 - 3. Unity in Diversity
 - 4. India@75: A Nation Marching Forward

Q.2 According to the World Bank 2021 data, what was the poverty rate at \$2.15 a day (2017 PPP) for India?

- Ans
- 1. 12.92%
 - 2. 8.9%
 - 3. 15%
 - 4. 10.5%

Q.3 Who is known as the 'Mother of Indian Revolution' for her pioneering role in the early Indian independence movement and for unfurling the first version of the Indian national flag abroad?

- Ans
- 1. Vijaya Lakshmi Pandit
 - 2. Annie Besant
 - 3. Madam Bhikaji Cama
 - 4. Sarojini Naidu

Q.4 The crescent-shaped sand dunes found in the Thar Desert are called:

- Ans
- 1. Inselbergs
 - 2. Ergs
 - 3. Barchans
 - 4. Yardangs

Q.5 The sum of the area of two squares whose sides are p cm and q cm, respectively, is 317 cm^2 and the sum of their perimeters is 100 cm. Find the product of p and q.

- Ans
- 1. 154 cm^2
 - 2. 108 cm^2
 - 3. 135 cm^2
 - 4. 147 cm^2

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Q.6 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. P has an exam on Wednesday. Exactly 3 people have an exam between P and S. V has an exam immediately after T, and Q has an exam immediately before T. Only 3 people have an exam between U and T. How many people have an exam after Q?

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

Q.7 Find the simple interest (in closest integral ₹) on ₹3,000 at 8% per annum rate of interest for the period from 14 February 2024 to 15 April 2024.

- Ans 1. 39
 2. 40
 3. 38
 4. 41

Q.8 The ratio between the length and the breadth of a rectangular park is 3 : 8, and the perimeter of the park is 264 m. Find the area (in m^2) of the park.

- Ans 1. 3460
 2. 3455
 3. 3451
 4. 3456

Q.9 This question is based on the five, three-digit numbers given below.
(Left) 190 735 494 761 781 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is subtracted from the second digit of the lowest number?

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

Q.10 For the quadratic equation $7x^2 - 28x + 21 = 0$, what is the sum of the roots?

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

Q.11 Which of the following was the famous ruler of the Satavahana dynasty?

- Ans 1. Gautamiputra Satakarni
 2. Kanishka
 3. Bhagabhadra
 4. Vasumitra Satakarni

Q.12 A class of 30 students appeared in a test. The average score of 12 students is 70, and that of the rest is 62. What is the average score of the class?

- Ans 1. 64.2
 2. 66.2
 3. 65.2
 4. 63.2

Q.13 An article is sold for ₹x. If it is sold at 25% of this price, there is a loss of 50%. What is the percentage profit when it is sold for ₹x?

- Ans 1. 100%
 2. 101%
 3. 97%
 4. 98%

Q.14 ZRVY is related to TLPS in a certain way based on the English alphabetical order. In the same way, WOSV is related to QIMP. To which of the given options is UMQT related, following the same logic?

- Ans 1. OGNK
 2. OGKN
 3. GONK
 4. GOKN

Q.15 Which soil is deficient in nitrogen and phosphorus but rich in iron and aluminium?

- Ans 1. Alluvial soil
 2. Black soil
 3. Desert soil
 4. Laterite soil

Q.16 The sum of the lengths of the edges of a cube is equal to the sum of the lengths of the edges of a cuboid whose length, breadth and height are in the ratio 4 : 3 : 1. Find the volume (in cm^3) of the cuboid if the volume of the cube is 512 cm^3 .

- Ans 1. 299
 2. 340
 3. 324
 4. 315

Q.17 In the Indian parliamentary system, who has the authority to dissolve the Lok Sabha before its term expires?

- Ans 1. The Speaker of Lok Sabha takes the decision.
 2. The Council of Ministers passes a resolution.
 3. The Prime Minister advises the President to dissolve it.
 4. The Chief Justice of India orders dissolution.

Q.18 In the 2024 Jharkhand Assembly elections, how many seats did the Jharkhand Mukti Morcha (JMM) secure out of the total constituencies?

- Ans 1. 30 out of 81
 2. 38 out of 90
 3. 34 out of 81
 4. 36 out of 90

Q.19 In a certain code language, 'LINK' is coded as '9236' and 'SINK' is coded as '6349'. What is the code for 'S' in the given code language?

- Ans 1. 3
 2. 6
 3. 9
 4. 4

Q.20 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5637482, how many digits will appear more than once in the new number thus formed?

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

Q.21 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 to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(29, 41, 53)
(37, 49, 61)

- Ans 1. (53, 65, 77)
 2. (67, 79, 101)
 3. (36, 48, 50)
 4. (40, 52, 74)

Q.22 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

PK23 OJ34 NI45 MH56 ?

- Ans 1. LH67
 2. LG68
 3. LG67
 4. LH68

Q.23 The famous dance form 'Kuchipudi' derives its name from the village Kuchelapuram, which is located in _____.

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

Q.24 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. T has an exam on Wednesday. Exactly 4 people have exams between S and R, neither of whom has an exam on Monday. Q has an exam immediately before and V has an exam immediately after P. U has an exam immediately before S. Who has an exam on Sunday?

- Ans 1. U
 2. P
 3. R
 4. S

Q.25 What is the primary environmental impact of the release of freon from refrigeration plants on the atmosphere?

- Ans 1. Increased nitrogen
 2. Stratospheric ozone depletion
 3. Increased oxygen level
 4. Reduced greenhouse gas emissions

Q.26 As per the Goods and Services Tax (Period of Levy and Collection of Cess) Rules, 2022, notified by the Finance Ministry, up to which date will the GST compensation cess be levied in India?

- Ans 1. 31 December 2026
 2. 31 December 2025
 3. 30 June 2025
 4. 31 March 2026

Q.27 ASXZ is related to DVAC in a certain way based on the English alphabetical order. In the same way, MEJL is related to PHMO. To which of the following options is VNSU related, following the same logic?

- Ans 1. YQVX
 2. YQXV
 3. YVXQ
 4. YVQX

Q.28 During the 1886 session of the Indian National Congress in Calcutta, a major demand was raised for simultaneous Indian Civil Service examinations in England and India. Who presided over this session?

- Ans 1. WC Bonnerjee
 2. Surendranath Banerjee
 3. Badruddin Tyabji
 4. Dadabhai Naoroji

Q.29 Which of the following actions is essential for preserving changes made to an Excel workbook under a new file name?

- Ans 1. Selecting 'Save As' and choosing a new name or location
 2. Clicking 'Print' from the File tab
 3. Pressing Ctrl + P
 4. Closing the application without saving

Q.30 Refer to the number and symbol series given below and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) @ 2 % * 4 2 & £ % 1 £ & 9 7 & 9 7 \$ 9 1 \$ 2 (Right)

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

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

Q.31 By how much is 60% of 40 greater than $\frac{1}{5}$ of 15?

- Ans 1. 19
 2. 21
 3. 18
 4. 15

Q.32 What was the rate of increase in capital expenditure by the central government on major infrastructure sectors from 2019-20 to 2023-24?

- Ans 1. 39%
 2. 25%
 3. 30%
 4. 35%

Q.33 Seven friends, C, D, E, F, G, H and P, are sitting in a row facing north. Only three people sit between F and C. P sits to the immediate left of C. No one sits to the right of E. Only two people sit between E and P. H sits to the immediate right of D. How many people sit between G and H?

- Ans 1. Three
 2. Two
 3. One
 4. Four

Q.34 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 1. MH - KJ
 2. SV - PS
 3. IL - FI
 4. PS - MP

Q.35 Which of the following sessions of the INC passed a resolution opposing the Arms Act and the Vernacular Press Act?

- Ans 1. 1895 Poona
 2. 1885 Bombay
 3. 1888 Allahabad
 4. 1887 Madras

Q.36 This question is based on the five, three-digit numbers given below.

(Left) 497 581 452 460 775 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(Note: All operations to be done from left to right.)

What will be the resultant if second digit of the highest number is subtracted from the second digit of the lowest number?

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

Q.37 The mean of a data is 43 and its median is 78. The mode (using empirical relation) of the data is:

- Ans 1. 80
 2. 213
 3. 148
 4. 102

Q.38 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 ::?

: UEQ :: VFR : %

- Ans 1. # = KUG, % = FPB
 2. # = LUG, % = FPB
 3. # = KUG, % = FPU
 4. # = KTG, % = FPB

Q.39 A man takes 6 hours to swim 66 km downstream. He swims 42 km upstream in the same time. What is the speed (in km/hr) of the boat in still water?

- Ans 1. 13
 2. 9
 3. 16
 4. 17

Q.40 The folk song of Kerala, which is sung to send away the evil ghosts and spirits, is called:

- Ans 1. Bhakha
 2. Bhuta
 3. Baul
 4. Wanawan

Q.41 Simplify: $\left[\left(26 \div \frac{2}{2} \right) \times \left\{ 6 \div 2 \times \frac{12 - 2}{2} \right\} \div \{ 5 \times 6 \div 3 \} \right]$

- Ans 1. 39
 2. 78
 3. 52
 4. 65

Q.42 Why is decentralised planning considered advantageous in the Panchayati Raj system in India?

- Ans 1. It centralises power in the hands of a few state officials.
 2. It slows down the decision-making process, hindering development.
 3. It allows local communities to tailor need-based development initiatives.
 4. It limits community participation in development planning.

Q.43 If 1 is added to each even digit and 1 is subtracted from each odd digit in the number 248937615, what will be the sum of all the odd digits in the new number thus formed?

- Ans 1. 20
 2. 22
 3. 26
 4. 24

Q.44 On 15 April 2025, in which city of India STREE Summit 2025 on Women's Safety and Empowerment was held?

- Ans 1. Patna
 2. New Delhi
 3. Ahmedabad
 4. Hyderabad

Q.45 What should come in place of the question mark (?) in the given series?

912 910 920 918 928 ? 936

- Ans 1. 924
 2. 930
 3. 926
 4. 928

Q.46 The fourth proportion to 3, 9 and 4 is the same as the third proportion to A and 12. What is the value of A?

- Ans 1. 12
 2. 9
 3. 15
 4. 13

Q.47 A pipe can fill a tank in 12 hours. Another pipe can empty the filled tank in 14 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be filled is:

- Ans 1. 86
 2. 87
 3. 85
 4. 84

Q.48 Which city is set to host the Asia-Pacific Economic Cooperation (APEC) Summit in November 2025?

- Ans 1. Incheon
 2. Seoul
 3. Gyeongju
 4. Busan

Q.49 L, M, N, O, P and W live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. Only three people live between M and N, where M lives below N. O lives on an odd-numbered floor and immediately above M. W lives on one of the floors below P and on one of the floors above L. How many people live between P and L?

- Ans 1. Two
 2. One
 3. Three
 4. Four

Q.50 What is the primary purpose of the semi-cryogenic engine of ISRO in 2025?

- Ans 1. To power the main stage of the Polar Satellite Launch Vehicle (PSLV)
 2. To power the semi-cryogenic booster stage of the Launch Vehicle Mark-3 (LVM3)
 3. To power the Geosynchronous Satellite Launch Vehicle (GSLV)
 4. To power the upper stage of the Launch Vehicle Mark-3 (LVM3)

Q.51 What will be the difference in population 3 years ago and 2 years ago of a town whose current population of 1,40,000 is increasing at a rate of 25% every year?

- Ans 1. 17,170
 2. 17,370
 3. 18,270
 4. 17,920

Q.52 In finding the HCF of two numbers by division method, the quotients are 1, 4, and 6, respectively, and the last divisor is 29. What is the LCM of the two numbers?

- Ans 1. 22475
 2. 22480
 3. 22470
 4. 22476

Q.53 Consider a scenario where a user interacts with a touch-sensitive display. Which of the following best describes the functional duality of this component within a computer system?

- Ans 1. It acts solely as an output device, displaying visual feedback to the user's actions.
 2. It functions exclusively as an input device, capturing the user's touch gestures and commands.
 3. It serves as both an input device, detecting touch input, and an output device, displaying information and visual responses.
 4. Its primary role is data storage, retaining user interactions for later processing.

Q.54 If $a + b = 46$ and $(a - b)^2 = 612$, find the value of product of a and b.

- Ans 1. 460
 2. 376
 3. 405
 4. 428

Q.55 SUZD is related to ACHL in a certain way based on the English alphabetical order. In the same way, YAFJ is related to GINR. To which of the following options is WYDH related, following the same logic?

- Ans 1. EGPL
 2. GPEL
 3. EGLP
 4. GPLE

Q.56 Keshav's salary is ₹13,000 per month. He spends ₹4,000 on house rent, ₹1,500 on bills and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent his complete monthly savings for the birthday celebration.

- Ans 1. 75,000
 2. 67,500
 3. 82,500
 4. 90,000

Q.57 According to the second law of reflection, all the incident ray, the normal to the mirror at the point of incidence and the reflected ray:

- Ans 1. lie in the same plane
 2. lie in different planes
 3. are mutually perpendicular to each other
 4. are parallel to each other

Q.58 In a dicot root, which tissue(s) is/are found between the xylem and phloem?

- Ans 1. Trichomes
 2. Subsidiary cells
 3. Guard cells
 4. Conjunctive tissue

Q.59 What is the median of the following data?

65, 67, 32, 16, 64, 27, 37, 16, 43, 85, 77

Ans 1. 44

2. 42.5

3. 43

4. 43.5

Q.60 What should come in place of the question mark (?) in the given series?

536, 513, 480, ?, 384, 321

Ans 1. 447

2. 437

3. 427

4. 457

Q.61 A dealer purchased a water cooler for ₹56,000. He allows a discount of 81% on its marked price and still gains 71%. Find the marked price of the water cooler.

Ans 1. ₹5,03,937

2. ₹5,03,908

3. ₹5,04,030

4. ₹5,04,000

Q.62 Mr. Plex starts from Point A and drives 22 km towards the East. He then takes a left turn, drives 31 km, turns left and drives 26 km. He then takes a left turn and drives 41 km. He takes a final left turn, drives 4 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 degrees turns only unless specified.)

Ans 1. 18 km to the West

2. 21 km to the West

3. 13 km to the South

4. 10 km to the North

Q.63 The Gini Coefficient is used to measure which of the following?

Ans 1. Unemployment rate

2. Consumption expenditure

3. Income inequality

4. Absolute poverty

Q.64 What happens when you apply a template to an existing MS PowerPoint presentation?

Ans 1. It only changes the background, without affecting text formatting.

2. It applies a new design while keeping the existing slide content.

3. It converts the PowerPoint presentation into a read-only format.

4. It completely replaces all slides and content.

Q.65 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7532168, what will be the difference of the digits which are third from the left and second from the right in the new number thus formed?

Ans 1. 1

2. 4

3. 3

4. 0

Q.66 Which of the following scenarios would most likely result in a 'page fault' error during typical computer operation?

- Ans 1. Accessing data stored in the CPU cache
 2. Writing data to a read-only memory location
 3. Attempting to access a memory address that has been swapped out to the hard drive
 4. Executing an instruction directly from the BIOS

Q.67 Which of the following statements is FALSE?

- A) When a transversal cuts two lines such that the pair of corresponding angles are equal, then the lines have to be parallel.
B) When a transversal cuts two lines such that the pair of alternate interior angles are equal, then the lines have to be parallel.
C) When a transversal cuts two lines such that the pair of interior angles on the same sides of the transversal are complementary, then the lines have to be parallel.
D) When a transversal cuts two lines such that the pair of interior angles on the same sides of the transversal are supplementary, then the lines have to be parallel.

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

Q.68 $2418.4 \times 795.8 \times 0.3735$ is equal in value to:

- Ans 1. $2.4184 \times 7.958 \times 373.5$
 2. $24.184 \times 7958 \times 3.735$
 3. $241.84 \times 795.8 \times 373.5$
 4. $2.4184 \times 79.58 \times 37.35$

Q.69 As of March 2025, the National TB Elimination Programme (NTEP), under the aegis of National Health Mission (NHM), is implemented for how many days in India?

- Ans 1. 100
 2. 120
 3. 150
 4. 90

Q.70 A, B, L, M, S, T and Z are sitting around a circular table facing the centre. Z sits fourth to the right of B. Only two people sit between L and T when counted from the left of L. M sits third to the left of S. N is an immediate neighbour of S and T. How many people are there between Z and N when counted from the left of N?

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

Q.71 The average age of 4 people is 52 years. Another group has 6 people with an average age of 58 years. When both groups are combined, what is the average age of all the people?

- Ans 1. 54.6 years
 2. 55.6 years
 3. 54.9 years
 4. 54.2 years

Q.72 Ashoka appointed special officers to spread Dhamma, known as:

- Ans 1. Purohits
 2. Mahamatras
 3. Rajukas
 4. Dhamma Mahamatras

Q.73 Who among the following was appointed as the Director General of CRPF in January 2025?

- Ans 1. Bahadur Singh Sagoo
 2. Sanjiv Ranjan
 3. Gyanendra Pratap Singh
 4. Manish Singhal

Q.74 The selling price of 30 books is equal to the cost price of 36 books. Find the loss or gain percentage.

- Ans 1. 20% loss
 2. $\frac{50}{3}\%$ gain
 3. $\frac{50}{3}\%$ loss
 4. 20% gain

Q.75 On 7 March 2025, Govind Ballabh Pant's death anniversary, tributes were paid for his leadership in India's early post-independence years. Which state did he serve as its first Chief Minister?

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

Q.76 Which of the following statements is/are correct with reference to the Supreme Court judgement delivered in April 2025 in a case involving the use of Urdu on a municipal signboard in Maharashtra?

The Supreme Court overturned the Bombay High Court's decision that forbade the use of Urdu on municipal signboards.

The Court held that language must reflect the religion of the majority in a particular region.

The bench recognised Urdu as part of India's Ganga-Jamuni tehzeeb and criticised prejudice against languages.

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

Q.77 According to the Charter Act of 1853, how many legislative members were there in the Council of the Governor General?

- Ans 1. 14
 2. 4
 3. 2
 4. 12

Q.78 Which of the following Articles of the Indian Constitution states about the formation of Union Public Service Commission of India?

- Ans 1. Article 315
 2. Article 318
 3. Article 316
 4. Article 317

Q.79 What was the key purpose of amending the Legal Services Authorities Act in 2002?

- Ans 1. To replace all regular courts with Lok Adalats
 2. To establish permanent Lok Adalats for public utility service disputes
 3. To allow Lok Adalats to handle criminal cases
 4. To merge Lok Adalats with High Courts

Q.80 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 chain are bracelet.
All bracelet are ring.
Some ring are tops.

Conclusions:

(I) All chain are ring.
(II) Some tops are chain.

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

Q.81 A total profit of ₹25,300 is to be distributed amongst P, Q, and R such that P : Q = 9 : 7 and Q : R = 3 : 12. The share (in ₹) of R in the profit is:

- Ans 1. 16,150
 2. 16,100
 3. 16,000
 4. 16,050

Q.82 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 6185742, then what will the sum of the highest and lowest digits in the new number thus formed be?

- Ans 1. 9
 2. 8
 3. 7
 4. 6

Q.83 Which of the following urban agglomerations has the highest population in India as per Census 2011?

- Ans 1. Delhi
 2. Bengaluru
 3. Kolkata
 4. Mumbai

Q.84 In a certain code language, 'MAZE' is coded as '3647' and 'ZIPS' is coded as '1275'. What is the code for 'Z' in the given code language?

- Ans 1. 2
 2. 7
 3. 1
 4. 4

Q.85 In a certain code language, 'VEST' is coded as '3649' and 'SOAP' is coded as '1295'. What is the code for 'S' in the given code language?

- Ans 1. 4
 2. 2
 3. 9
 4. 1

Q.86 The area of a rectangle increases by 7 m^2 if its length is increased by 6 m and breadth is decreased by 5 m. If the length is decreased by 6 m and breadth is increased by 7 m, then its area increases by 31 m^2 . What is the perimeter of the original rectangle (in m)?

- Ans 1. 217
 2. 215
 3. 216
 4. 214

Q.87 Mahesh withdrew ₹3,200 from a bank. He received a total of 33 notes of ₹50 and ₹100 denominations. The number of ₹50 notes received by him was:

- Ans 1. 10
 2. 9
 3. 2
 4. 12

Q.88 Which of the following methods is the simplest way to rename a file or folder in Windows?

- Ans 1. Double-click the file to open it
 2. Press Ctrl + R
 3. Right-click the file/folder → Select Rename
 4. Drag the file to the Recycle Bin

Q.89 In a certain code language,

A + B means 'A is the son of B',
A - B means 'A is the sister of B',
A x B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

Based on the above, how is E related to K if 'E ÷ F - G x H + K'?

- Ans 1. Wife's brother
 2. Wife's father
 3. Son's wife's father
 4. Son's wife's brother

Q.90 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

LOH 1, JMG 4, HKF 9, FIE 16, ?

- Ans 1. EFD 36
 2. EFG 25
 3. DGD 36
 4. DGD 25

Q.91 The speed of a boat in still water is 12 km/hr and the speed of the stream is 10 km/hr. A man rows to a place at a distance of 24.2 km and comes back to the starting point. Find the total time (in hours) taken by him.

- Ans 1. 5.8
 2. 7.8
 3. 13.2
 4. 4.1

Q.92 An electric pump can fill a tank in 6 hours. Due to a leakage in the tank, it takes $7\frac{1}{3}$ hours to fill the tank. How much time will this leak take to empty the full tank if water does not get in or out of the tank through any other point during this period?

- Ans 1. 28 hours
 2. 16 hours
 3. 22 hours
 4. 33 hours

Q.93 Which major port is NOT located on the western coast of India?

- Ans 1. Cochin
 2. Mangalore
 3. Visakhapatnam
 4. Kandla

Q.94 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 letter-cluster 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 1. FHC
 2. LNJ
 3. HJE
 4. JLG

Q.95 Find the value of $\frac{3}{\sin^2 A \sec A} \times 3\sqrt{\tan^2 A - \sin^2 A}$.

- Ans 1. 3 sinA
 2. 3
 3. 9 tanA
 4. 9

Q.96 In which of the following locations was the PHDCCI International Week scheduled to be held in March 2025, which is postponed now?

- Ans 1. Greater Noida
 2. New Delhi
 3. Surat
 4. Mumbai

Q.97 B starts from Point U and drives 5 km towards the South. He then takes a right turn, drives 2 km, turns right and drives 16 km. He then takes a right turn and drives 3 km, turns left and drives 1 km. He then takes a right turn, drives 2 km. He takes a final right turn, drives 12 km and stops at Point X. How far (shortest distance) and towards which direction should he drive in order to reach Point U again? (All turns are 90 degrees turns only unless specified).

- Ans 1. 3 km towards the East
 2. 3 km towards the West
 3. 5 km towards the South
 4. 7 km towards the North

Q.98 If 66% of a number is equal to $\frac{5}{7}$ of another number, then what is the ratio of the first number to the second number?

- Ans 1. 246 : 229
 2. 249 : 235
 3. 250 : 231
 4. 252 : 233

Q.99 Which of the following countries is completely landlocked and shares an open border with India?

- Ans 1. Bangladesh
 2. Myanmar
 3. Nepal
 4. Afghanistan

Q.100 Which of the following tennis player captured the 2024 US Open Men's Singles title, marking his second Grand Slam win?

- Ans 1. Novak Djokovic
 2. Carlos Alcaraz
 3. Jannik Sinner
 4. Daniil Medvedev

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