



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सी ई एन ०६/२०२४ - एन टी पी सी पूर्व सातक स्तर - CEN - 06/2024 - NTPC Under Graduate Level



Test Date	09/09/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Under Graduate 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 : General Awareness

Q.1 What was the Extremists' method to resist British policies apart from agitation and boycott?

Ans 1. Passive resistance 2. Cultural assimilation 3. Petitioning Parliament 4. Armed rebellion

Q.2 The Kyoto Protocol is related to (the) ____.

Ans 1. desertification control 2. protection of ozone layer 3. preservation of wildlife 4. reduction of greenhouse gas emissions

Q.3 Which of the following is an example of secondary memory?

Ans 1. RAM 2. ROM 3. Cache Memory 4. Hard Disk

Q.4 Where was INIOCHOS-25, the multinational air exercise hosted by the Hellenic Air Force, conducted?

Ans 1. Bulgaria 2. Macedonia 3. Albania 4. Greece

Q.5 The World Happiness Report, 2025, ranked which of following countries as the happiest in the world for the seventh consecutive year?

Ans 1. Finland 2. Denmark 3. Switzerland 4. Iceland



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Q.6 Which ministry introduced the Drugs and Cosmetics (Compounding of Offences) Rules, 2025, to streamline minor offence resolution?

Ans 1. Ministry of Health and Family Welfare

2. Ministry of Chemicals and Fertilizers

3. Ministry of Consumer Affairs, Food and Public Distribution

4. Ministry of Pharmaceuticals

Q.7 What is the term for India's mainstream Hindi-language film industry?

Ans 1. Tollywood

2. Kollywood

3. Bollywood

4. Mollywood

Q.8 The artistic and architectural style evident in the Bagh Caves of Madhya Pradesh, India, is predominantly associated with which of the following faiths?

Ans 1. Islam

2. Hinduism

3. Buddhism

4. Jainism

Q.9 Who received the Football Writers' Association (FWA) Women's Footballer of the Year award for the 2024-25 season?

Ans 1. Alessia Russo

2. Lauren James

3. Mariona Caldentey

4. Khadija Shaw

Q.10 To align with modern industrial practices, which new order did the Central Government introduce in 2025 to replace the Sugar (Control) Order, 1966?

Ans 1. The Sugar (Control) Order, 2025

2. The Sugar (Trade and Export) Order, 2025

3. The Sugar (Production and Supply) Order, 2025

4. The Sugar (Monitoring and Pricing) Order, 2025

Q.11 What is the nature of the Concurrent List in the Indian Constitution?

Ans 1. Exclusively for States

2. Exclusively for Union

3. Both the Centre and the States can legislate

4. Only during emergencies

Q.12 What was the major aim of India's 1991 economic reforms?

Ans 1. To reduce taxes on luxury goods

2. To stabilise India's economy

3. To nationalise all companies

4. To increase government control

Q.13 Airports play a vital role in improving regional connectivity. Which scheme promotes affordable air travel to under-served and unserved airports?

Ans 1. UDAY

2. PM Gati Shakti

3. Sagarmala

4. UDAN

Q.14 Which type of Municipality is formed for a transitional area under Article 243Q of the Indian Constitution?

Ans 1. Nagar Panchayat

2. Town Panchayat

3. Municipal Council

4. Municipal Corporation

Q.15 Which of the following options explains the variation in temperature between coastal and interior parts of India?

Ans 1. Altitude

2. Continentality

3. Pressure belts

4. Latitude

Q.16 Which value has three significant figures?

Ans 1. 0.0056

2. 23.0

3. 1.620

4. 287.50

Q.17 The primary purpose of the cache memory is to:

Ans 1. increase the speed of data retrieval

2. store data permanently

3. store data for later use

4. display images on screen

Q.18 Tertiary activities are also known as the:

Ans 1. service sector

2. health sector

3. industrial sector

4. agricultural sector

Q.19 The 18th Pravasi Bharatiya Divas Convention (PBD) 2025 was held in which month of 2025 in Bhubaneswar?

Ans 1. March

2. February

3. April

4. January

Q.20 Which of the following factors has least contributed to rural distress in India?

Ans 1. Fragmentation of land holdings

2. Declining productivity of rainfed agriculture

3. High rural literacy levels

4. Post-harvest infrastructure shortages

Q.21 Which Article gives the President of India the power to grant pardons and reprieves?

Ans 1. Article 72

2. Article 76

3. Article 74

4. Article 75

Q.22 On which of the following states of India did Siraj-ud- Daula, Mir Jafar and Mir Qasim rule in the 18th century?

- Ans 1. Bengal
 2. Andhra
 3. Gujarat
 4. Kerala

Q.23 Which pair acts as a conjugate acid–base pair?

- Ans 1. Cl₂ and Cl⁻
 2. NaOH and OH⁻
 3. H₂O and HCl
 4. NH₄⁺ and NH₃

Q.24 What is the eligibility criteria for the beneficiaries of the Prime Minister Employment Generation Programme (PMEGP) for projects costing above ₹10 lakh in the manufacturing sector and above ₹5 lakh in the business/service sector?

- Ans 1. At least X standard pass
 2. At least VIII standard pass
 3. At least XII standard pass
 4. At least V standard pass

Q.25 John Dramani Mahama has been sworn in as the President of which country in January 2025?

- Ans 1. Morocco
 2. Ghana
 3. South Africa
 4. Kenya

Q.26 Who among the following launched the AIKosha in 2025?

- Ans 1. Union Minister for Finance
 2. Union Minister for Health & Family Welfare
 3. Union Minister for Defence
 4. Union Minister for Electronics & Information Technology

Q.27 In India, how many sessions of Parliament are held in a year?

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

Q.28 The AI-powered handheld X-ray devices deployed in Uttar Pradesh for TB detection have been designed to interpret which rapid diagnostic assay?

- Ans 1. LAMP-TB
 2. CB-NAAT
 3. Truenat
 4. Line Probe Assay

Q.29 As in May 2025, who was the Secretary, Department of Atomic Energy (DAE) & Chairman, Atomic Energy Commission (AEC)?

- Ans 1. Ajit Kumar Mohanty
 2. Sekhar Basu
 3. KN Vyas
 4. Ratan Kumar Sinha

Q.30 Who among the following Delhi Sultans controlled the prices of food; horses, ponies, cattle and slaves; cloth and fruit; and articles for domestic consumption and personal use?

Ans 1. Alauddin Khalji

2. Ghiyasuddin Tughluq

3. Ghiyasuddin Balban

4. Khizr Khan

Q.31 In April 2025, which Indian opposition leader discussed concerns about democratic backsliding in a 2025 event at Brown University?

Ans 1. Mamata Banerjee

2. Sharad Pawar

3. Rahul Gandhi

4. Arvind Kejriwal

Q.32 Which of the following mass movements occurs when saturated soil and debris flow down a slope during heavy rainfall?

Ans 1. Avalanche

2. Mudflow

3. Soil creep

4. Rockfall

Q.33 The Sannyasi-Fakir Rebellion commenced in the second half of which of the following centuries?

Ans 1. 19th

2. 16th

3. 17th

4. 18th

Q.34 Which of the following duties was added by the Constitution (Eighty-sixth Amendment) Act, 2002?

Ans 1. To develop a scientific temper

2. To uphold and protect national unity

3. To protect the environment

4. To provide education to children aged six to fourteen years

Q.35 To resolve peace following the riots that followed the Partition, the 'Delhi Pact' was signed between the Indian Prime Minister, Jawaharlal Nehru, and the Pakistan Prime Minister, _____.

Ans 1. Muhammad Ali Jinnah

2. Malik Firoz Khan Noon

3. Liaquat Ali Khan

4. Benazir Bhutto

Q.36 Why are tribal settlements usually located in remote and forested areas of India?

Ans 1. Because they are not allowed to enter cities

2. Because forests provide natural resources and livelihood

3. Due to easy access to modern infrastructure

4. Because government policies force them to live there

Q.37 What type of rocks mainly compose the Peninsular Plateau of India?

- Ans 1. Recent volcanic lava deposits from plate margins
 2. Layers of limestone and sandstone from marine origin
 3. Old crystalline, igneous and metamorphic rocks
 4. Young sedimentary rocks formed in coastal plains

Q.38 When did John Dalton publish his atomic theory that holds that all elements are made up of tiny, indivisible particles?

- Ans 1. 1808
 2. 1798
 3. 1803
 4. 1800

Q.39 Where was India's first solar-powered airport terminal inaugurated in early 2025?

- Ans 1. Dehradun
 2. Bhubaneswar
 3. Kerala
 4. Goa

Q.40 In June 2025, Garden Reach Shipbuilders & Engineers Limited (GRSE) signed an MoU with Norway's Kongsberg to build India's first vessel in which category?

- Ans 1. Aircraft carrier
 2. Deep-submergence rescue vessel
 3. Polar research vessel
 4. Hospital ship

Section : Mathematics

Q.1 8 years ago, the age of a father was 11 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

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

Q.2 Find the simple interest (in ₹) if a sum of ₹400 is borrowed for 6.5 years at 4% per annum rate of interest.

- Ans 1. 154
 2. 84
 3. 204
 4. 104

Q.3 9 men can complete a piece of work in 16 days, while 5 women can do it in 18 days. In how many days can 2 women and 4 men complete the work?

- Ans 1. 18 days
 2. 16 days
 3. 15 days
 4. 20 days

Q.4 The current population of a town is 15,250. It increases by 25% and 60% in two successive years but decreases by 57% in the third year. What is the population of the town at the end of the third year?

- Ans 1. 13,115
 2. 13,118
 3. 13,110
 4. 13,111

Q.5 The value of $\frac{2}{5} + \left(\frac{1}{1 + \frac{4}{9}} \right) - \frac{4}{5}$ is

- Ans 1. $\frac{19}{65}$
 2. $\frac{20}{73}$
 3. $\frac{24}{67}$
 4. $\frac{12}{59}$

Q.6 If the interest earned during the 2nd year on a certain sum is ₹5,916, and the rate of interest is 20% per annum compounded annually, then the sum is:

- Ans 1. ₹24,650
 2. ₹23,995
 3. ₹24,870
 4. ₹25,540

Q.7 In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 55^\circ$. E is a point on BC such that $\angle CAE = 56^\circ$. What is the measure of $\angle AEB$?

- Ans 1. 88°
 2. 90°
 3. 85°
 4. 91°

Q.8 If the radius of a sphere is halved, then find the ratio of volume of the original sphere with that of the new sphere.

- Ans 1. 4 : 1
 2. 8 : 1
 3. 16 : 1
 4. 2 : 1

Q.9 Zeeshan travels 364 km at 91 km/hr, the next 441 km at 63 km/hr and the next 648 km at 81 km/hr. What is his average speed (in km/hr) for the whole journey? (Round off your answer to two decimal places)

- Ans 1. 76.47
 2. 69.95
 3. 72.94
 4. 79.14

Q.10 Given that $73^{0.51} = x$, $73^{0.73} = y$ and $x^z = y^{10}$, then the value of z is close to:

- Ans 1. 14.22
 2. 13.77
 3. 14.31
 4. 16.92

Q.11 The LCM of the numbers 3.9 and 0.169 is:

- Ans 1. 5.07
 2. 507
 3. 0.507
 4. 50.7

Q.12 Find the value of $\frac{1}{\sec^2 A} + \frac{1}{1 + \cot^2 A}$.

- Ans 1. 0
 2. 1
 3. $\tan^2 A$
 4. $\frac{1}{2}$

Q.13 A can lay railway track between two given stations in 17 days and B can do the same job in 12 days. With the help of C, they did the job in 2 days only. Then, C alone can do the job in

- Ans 1. $7\frac{58}{73}$ days
 2. $10\frac{58}{73}$ days
 3. $6\frac{58}{73}$ days
 4. $2\frac{58}{73}$ days

Q.14 Find the difference between a discount of 32% on an item marked for ₹1,000 and two successive discounts of 20% and 12% on the same item.

- Ans 1. ₹20
 2. ₹24
 3. ₹22
 4. ₹26

Q.15 The average runs scored by a batsman in 23 matches is 42. In the next 10 matches, the batsman scored an average of 16 runs. Find his average runs scored (rounded off to two decimal places) in all the 33 matches.

- Ans 1. 35.12
 2. 34.12
 3. 33.12
 4. 36.12

Q.16 Mahesh bought some pens at the rate of ₹180 a dozen. He sold them for ₹19 each. His profit percentage is _____.

(Round off your answer to two decimal places.)

- Ans 1. 30.67%
 2. 26.67%
 3. 24.67%
 4. 28.67%

Q.17 A man goes to Nagpur from Visakhapatnam at a speed of 20 km/hr and returns to Visakhapatnam at speed of 30 km/hr, through the same route. What is his average speed (in km/hr) of the entire journey?

- Ans 1. 24
 2. 23
 3. 22
 4. 26

Q.18 A number when increased by 100% gives 2770. The number is:

- Ans 1. 4155
 2. 2770
 3. 1385
 4. 692.5

Q.19 The HCF and the LCM of two numbers are 13 and 1170, respectively. If one of the numbers is 130, find the other one.

- Ans 1. 91
 2. 104
 3. 117
 4. 143

Q.20

$$\text{Simplify: } 3\left(\left(\frac{6}{3}\right)x^2 - 23x + 18\right) - 6(x^2 + 4x - 15)$$

- Ans 1. $93x + 144$
 2. $93x - 144$
 3. $-93x - 144$
 4. $-93x + 144$

Q.21 What is the discount on a product with a list price of ₹3,000 and a discount rate of 25%?

- Ans 1. ₹1,000
 2. ₹700
 3. ₹750
 4. ₹900

Q.22 Aman and Pawan together invested ₹62,800 in a business. At the end of the year, out of a total profit of ₹11,600, Pawan's share was ₹2,900. What was the difference between their investments?

- Ans 1. ₹32,000
 2. ₹31,800
 3. ₹31,400
 4. ₹30,400

Q.23 The product of two consecutive natural numbers is 306. The greater of the two numbers is:

- Ans 1. 19
 2. 18
 3. 31
 4. 36

Q.24 A cylindrical rod has an outer curved surface area of 7500 cm^2 . If the length of the rod is 87 cm, then the outer radius (in cm) of the rod, correct to two places of decimal, is:

$$\left(\text{Take } \pi = \frac{22}{7} \right)$$

- Ans 1. 16.52
 2. 13.71
 3. 16.68
 4. 13.96

Q.25 An amount of ₹976 is divided among three persons in the ratio of 2 : 11 : 17. The difference between the largest and the smallest shares (in ₹) in the distribution is:

- Ans 1. 488
 2. 531
 3. 495
 4. 517

Q.26 The number 869671195 is divisible by which of the following?

- Ans 1. 5
 2. 13
 3. 12
 4. 15

Q.27 The average price of three items of furniture is ₹16,035. If their prices are in the ratio 3 : 5 : 7, the price of the cheapest item (in ₹) is:

- Ans 1. 3,207
 2. 7,483
 3. 5,345
 4. 9,621

Q.28 Find the value of $14^{-23} \times 25^{-23} \times 15^{-23}$.

- Ans 1. $\frac{1}{5257^{23}}$
 2. $\frac{1}{5214^{23}}$
 3. $\frac{1}{5243^{23}}$
 4. $\frac{1}{5250^{23}}$

Q.29 By selling an article at $\frac{2}{5}$ of its actual selling price, Aman incurs a loss of 24%. If he sells it at 81% of its actual selling price, then the profit percentage is:

- Ans 1. 55.9%
 2. 55.7%
 3. 55.5%
 4. 53.9%

Q.30 If the third proportional of 26 and 52 be x, then what is the value of x?

- Ans 1. 107
 2. 104
 3. 102
 4. 106

Section : General Intelligence and Reasoning

Q.1 Priya starts from Point Y and drives 12 km towards the east. She then takes a right turn, drives 10 km. She then turns right and drives 15 km. She takes a final right turn, drives 10 km and stops at Point Z. How far (shortest distance) and towards which direction should she drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified)

- Ans 1. 9 km towards north
 2. 3 km towards east
 3. 7 km towards south
 4. 2 km towards west

Q.2 What should come in place of the question mark (?) in the given series?

99 100 105 114 127 ?

- Ans 1. 145
 2. 146
 3. 144
 4. 143

Q.3 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 to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- (23, 70, 211)
(12, 37, 112)
- Ans 1. (5, 16, 48)
 2. (22, 45, 105)
 3. (18, 54, 153)
 4. (33, 100, 301)

Q.4 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

LONG - ONLG - GNOL
EARN - AREN - NRAE

- Ans 1. CUTE - UCTE - EUTC
 2. BACK - ACBK - ACKB
 3. COIN - OICN - NIOC
 4. SKIP - SIKP - PIKS

Q.5 Seven boxes U, V, W, X, E, F and G are kept one over the other but not necessarily in the same order. V is kept second from the bottom. Only three boxes are kept between V and W. X is kept at one of the positions below V. Only E is kept between W and G. U is kept at one of the positions above W. How many boxes are kept between F and X?

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

Q.6 YELP is related to BZOK in a certain way based on the English alphabetical order. In the same way, EURF is related to HPUA. To which of the given options is KKXV related, following the same logic?

- Ans 1. MDAP
 2. NFAQ
 3. MEBR
 4. OGZP

Q.7 Each of the digits in the number 257146983 is arranged in ascending order from left to right. What will be the sum of the digits which are third from the left and second from the right in the new number thus formed?

- Ans 1. 13
 2. 12
 3. 11
 4. 10

Q.8 JGCK is related to HEAI in a certain way based on the English alphabetical order. In the same way, MJFN is related to KHDL. To which of the given options is PMIQ related, following the same logic?

- Ans 1. NKHO
 2. NKHP
 3. NKGO
 4. NKGP

Q.9 Seven people, B, C, D, E, F, G and L, are sitting in a row facing North. Only three people sit between D and G. C sits to the immediate left of G. No one sits to the right of L. Only two people sit between L and C. B sits to the immediate right of E. How many people sit between F and B?

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

Q.10 Seven people A, B, C, D, E, F and G are sitting in a row, facing north. No one sits to the right of D. Only three people sit between D and F. Only two people sit between F and A. G sits third to the left of B. C sits to the immediate right of B. How many people sit to the right of E?

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

Q.11 If 'A' stands for '÷', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '−', what will come in place of the question mark (?) in the following equation?

$$23 \text{ D } 16 \text{ A } 4 \text{ C } 6 \text{ B } 2 = ?$$

- Ans 1. 14
 2. 37
 3. 31
 4. 26

Q.12 Each of the digits in the number 7452318 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

- Ans 1. 9
 2. 8
 3. 10
 4. 11

Q.13 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

EXN 12, IBR 23, MFV 34, QJZ 45, ?

- Ans 1. UND 56
 2. SNB 57
 3. TMC 54
 4. UMB 56

Q.14 In a certain code language, 'DIRT' is coded as '5274' and 'TIDY' is coded as '4352'. What is the code for 'Y' in the given code language?

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

Q.15 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

LRY, SQA, ZPC, ?, NNG

- Ans 1. JOF
 2. GOE
 3. GOF
 4. JOE

Q.16 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 pair.)

- Ans 1. NR-IA
 2. CG-XP
 3. WA-RI
 4. HL-CU

Q.17 What should come in place of the question mark (?) in the given series?

5 7 11 17 25 ?

- Ans 1. 30
 2. 40
 3. 25
 4. 35

Q.18 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 cartons are boxes.
No box is a sheet.

Conclusions:

- (I) No carton is a sheet.
(II) Some sheets are boxes.

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

Q.19 Wasim ranked 24th from the top and 29th from the bottom in his class. How many students are there in his class?

- Ans 1. 53
 2. 50
 3. 51
 4. 52

Q.20 Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. D is kept second from the bottom. Only three boxes are kept between D and E. B is kept at one of the positions below D. Only A is kept between E and C. F is kept at one of the positions above E. How many boxes are kept below D?

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

Q.21 In a certain code language,
'A % B' means 'A is the daughter of B',
'A = B' means 'A is the wife of B',
'A ¥ B' means 'A is the father of B' and
'A # B' means 'A is the brother of B'.

How is W related to S if 'W % A # K = E ¥ S'?

- Ans 1. Mother's brother's daughter
 2. Mother's brother's son
 3. Mother's brother's wife
 4. Mother's brother's sister

Q.22 What should come in place of the question mark (?) in the given series?

26 38 46 58 66 ?

- Ans 1. 88
 2. 86
 3. 84
 4. 82

Q.23 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. ZC-EH
 2. FI-KM
 3. TW-YB
 4. JM-OR

Q.24 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 conclusion(s) logically follow(s) from the statement(s).

Statements:

No Buffaloes are Cats.

Some Cats are Turkeys.

Conclusions:

- I. No Buffaloes are Turkeys.
II. Some Buffaloes are Turkeys.

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

Q.25 If + means -, - means \times , \times means \div and \div means +, then what will come in place of the question mark (?) in the following equation?

$$9 - 4 + 24 \div 21 \times 3 = ?$$

- Ans 1. 19
 2. 12
 3. 26
 4. 4

Q.26 This question is based on the five, three-digit numbers given below.

(Left) 268 667 457 856 426 (Right)

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

If 1 is subtracted from the first digit of every number, in how many numbers will the third digit be exactly divisible by the first digit?

- Ans 1. Two
 2. None
 3. Three
 4. One

Q.27 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. OR-VM
 2. QT-XP
 3. MP-TK
 4. KN-RI

Q.28 Luv starts from Point A and drives 8 km towards the east. He then takes a right turn and drives 5 km, then turns right and drives 11 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 3 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

- Ans 1. 6 km to the north
 2. 7 km to the north
 3. 7 km to the south
 4. 6 km to the south

Q.29 This question is based on the five, three-digit numbers given below.

(Left) 893 620 514 487 928 (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 LCM of the 2nd digits of all the numbers?

- Ans 1. 36
 2. 72
 3. 9
 4. 48

Q.30 In a certain code language, 'BODY' is coded as '2469' and 'DICE' is coded as '1593'. What is the code for 'D' in that language?

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