रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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

Test Date	13/08/2025
Test Time	12:45 PM - 2:15 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 **Which of the following is an impact of river meandering in plains?**

Ans
✗ 1. Formation of waterfalls
✓ 2. Formation of oxbow lakes
✗ 3. Formation of rift valleys
✗ 4. Formation of rapids

Q.2 **When was the Rural Landless Employment Guarantee Programme (RLEGP) launched?**

Ans
✗ 1. 2 October 1985
✓ 2. 15 August 1983
✗ 3. 1 April 1980
✗ 4. 26 January 1982

Q.3 **Which of the following is NOT an instrument of parliamentary control over the executive in India?**

Ans
✓ 1. Judicial review of executive actions
✗ 2. Question Hour in the Lok Sabha
✗ 3. Approval of government bills (laws) by the Parliament
✗ 4. No-confidence motion against the Council of Ministers

Q.4 **The concept of 'watershed' is primarily associated with:**

Ans
✗ 1. Mountain formation
✗ 2. Climate zones
✓ 3. River catchment area
✗ 4. Rainfall distribution

Q.5 **Microliths, which are tiny stone tools usually stuck on to handles of bones or woods to make tools like saws and sickles. These were mostly found in which age?**

Ans
✗ 1. Paleolithic age
✗ 2. Chalcolithic age
✓ 3. Mesolithic age
✗ 4. Neolithic age

Q.6 **The President of India is also the Supreme Commander of which force in India?**

Ans
- ✗ 1. Intelligence Agencies
- ✓ 2. Armed Forces
- ✗ 3. Border Security Force
- ✗ 4. Police Forces

Q.7 **Human development is a key aspect of economic development. As per the UNDP's Human Development Report 2025, where does India rank globally?**

Ans
- ✗ 1. 100
- ✗ 2. 144
- ✗ 3. 119
- ✓ 4. 130

Q.8 **Which Act provided separate legislative subjects for the Centre and Provinces with three distinct lists?**

Ans
- ✗ 1. Indian Independence Act 1947
- ✗ 2. Government of India Act 1858
- ✗ 3. Government of India Act 1919
- ✓ 4. Government of India Act 1935

Q.9 **How many public sector banks are operating in India, as on 1 May 2025?**

Ans
- ✗ 1. 8
- ✗ 2. 14
- ✓ 3. 12
- ✗ 4. 10

Q.10 **Tourism is classified as a tertiary activity because it involves:**

Ans
- ✗ 1. extracting natural resources
- ✗ 2. production of goods
- ✗ 3. selling of machinery
- ✓ 4. providing services to people

Q.11 **Which of the following is a dimensionless quantity?**

Ans
- ✗ 1. Velocity
- ✗ 2. Acceleration
- ✓ 3. Refractive index
- ✗ 4. Gravitational force

Q.12 **When was Maha Shivaratri celebrated in 2025?**

Ans
- ✓ 1. 26 February
- ✗ 2. 12 May
- ✗ 3. 7 June
- ✗ 4. 14 March

Q.13 **In December 2024, at the King Cup International Badminton Open, whom did Lakshya Sen defeat to claim the third place?**

Ans
- ✗ 1. Viktor Axelsen
- ✗ 2. Kento Momota
- ✓ 3. Alex Lanier
- ✗ 4. Anthony Sinisuka Ginting

Q.14 In May 2025, which Indian state signed an MoU with IN-SPACe to establish a Space Tech Manufacturing Park and Centre of Excellence?

Ans
- ✗ 1. Gujarat
- ✓ 2. Karnataka
- ✗ 3. Telangana
- ✗ 4. Maharashtra

Q.15 Which of the following deserts is visible in the southern part of the world map?

Ans
- ✗ 1. Gobi Desert
- ✗ 2. Thar Desert
- ✓ 3. Kalahari Desert
- ✗ 4. Sonoran Desert

Q.16 The Mudumal Megalithic Menhir is located in which state that was included in the tentative list of India by UNESCO World Heritage Centre in February 2025?

Ans
- ✗ 1. Karnataka
- ✗ 2. Tamil Nadu
- ✗ 3. Andhra Pradesh
- ✓ 4. Telangana

Q.17 The Tenth Schedule of the Indian Constitution is related to the:

Ans
- ✗ 1. distribution of seats in the Lok Sabha
- ✓ 2. disqualification on grounds of defection
- ✗ 3. recognition of languages
- ✗ 4. protection of land reform laws

Q.18 What does the Alt + Tab keyboard shortcut do in Windows?

Ans
- ✗ 1. Locks the computer screen
- ✗ 2. Closes the current window
- ✓ 3. Switches between open applications
- ✗ 4. Opens the Start menu

Q.19 Which of the following is an efficient way to organise files on a computer?

Ans
- ✓ 1. Create different folders based on categories of files
- ✗ 2. Rename all files with random characters
- ✗ 3. Keep all files in the same folder
- ✗ 4. Store all files in the Recycle Bin

Q.20 Who among the following had given the idea to mobilise all the leading Indian political leaders under a common platform called the Indian National Congress?

Ans
- ✓ 1. A O Hume
- ✗ 2. Surendranath Bannerjee
- ✗ 3. W C Bannerjee
- ✗ 4. Ananda Mohan Bose

Q.21 In which of the following years did the Union Cabinet, chaired by the Prime Minister Shri Narendra Modi, approve the Revised Rashtriya Gokul Mission (RGM) to boost growth in the livestock sector?

Ans
- ✗ 1. 2021
- ✗ 2. 2016
- ✗ 3. 2019
- ✓ 4. 2025

Q.22 Who among the following was conferred with a Padma Bhushan Award 2025 in the field of (Posthumous) Affairs in April 2025?

Ans
- ✗ 1. Dr. Duvvur Nageshwar Reddy
- ✗ 2. Shri Nandamuri Balakrishna
- ✗ 3. Shri MT Vasudevan Nair
- ✓ 4. Shri Sushil Kumar Modi

Q.23 Which department of the Delhi Sultanate was responsible for military organisation and administration of the empire's army?

Ans
- ✗ 1. Diwan-i-Insha
- ✗ 2. Diwan-i-Riyasat
- ✗ 3. Diwan-i-Risalat
- ✓ 4. Diwan-i-Arz

Q.24 Which of the following power projects is based on nuclear energy?

Ans
- ✗ 1. Koyna
- ✗ 2. Tehri
- ✓ 3. Kalpakkam
- ✗ 4. Bhakra Nangal

Q.25 Which biomolecules are responsible for catalysing biochemical reactions?

Ans
- ✗ 1. Polysaccharides
- ✓ 2. Enzymes
- ✗ 3. Nucleotides
- ✗ 4. Phospholipids

Q.26 On 22 May 2025, Israeli forces reportedly fired warning shots near a delegation of diplomats visiting which area, leading to international condemnation?

Ans
- ✗ 1. Gaza Strip
- ✗ 2. Sinai Peninsula
- ✗ 3. Golan Heights
- ✓ 4. West Bank

Q.27 Who among the following was the first political leader in India to openly put forward, in his newspaper Bande Mataram, the idea of complete independence for the country?

Ans
- ✗ 1. Swami Vivekananda
- ✓ 2. Sri Aurobindo
- ✗ 3. Rabindranath Tagore
- ✗ 4. Mahatma Gandhi

Q.28 Prime Minister Narendra Modi chaired which edition of the Governing Council meeting of NITI Aayog at Bharat Mandapam, New Delhi on 24 May 2025?

Ans
- ✗ 1. 11^{th}
- ✗ 2. 9^{th}
- ✗ 3. 8^{th}
- ✓ 4. 10^{th}

Q.29 **Which Article of the Indian Constitution was amended by the 106th Constitutional Amendment Act to provide for women's reservation in the Legislative Assembly of Delhi?**

Ans

✗ 1. Article 330A

✗ 2. Article 243D

✓ 3. Article 239AA

✗ 4. Article 332A

Q.30 **What was the life expectancy in India in 1947?**

Ans

✓ 1. 31 years

✗ 2. 38 years

✗ 3. 52 years

✗ 4. 45 years

Q.31 **What major change was made by the 86th Constitutional Amendment Act, 2002?**

Ans

✗ 1. Increased the President's term

✗ 2. Abolished the Legislative Council

✓ 3. Declared education as a Fundamental Right

✗ 4. Bifurcated the SC/ST Commission

Q.32 **As per the May 2025 Supreme Court ruling, what is the minimum number of years of legal practice required for law graduates to be eligible for Civil Judge examinations?**

Ans

✗ 1. 2 years

✓ 2. 3 years

✗ 3. 1 year

✗ 4. 5 years

Q.33 **What are endemic species?**

Ans

✗ 1. Exotic animals brought from other countries

✓ 2. Species found only in a particular area and nowhere else

✗ 3. Species that have migrated recently

✗ 4. Species found in every forest

Q.34 **Which of the following statements about friction is correct?**

Ans

✗ 1. Both static and kinetic friction depend on the area of contact.

✗ 2. Static friction opposes actual motion, while kinetic friction opposes impending motion.

✗ 3. Kinetic friction is always greater than static friction.

✓ 4. Static friction opposes impending motion and kinetic friction opposes actual motion.

Q.35 **Which Article of the Constitution provides special provisions for the State of Nagaland?**

Ans

✗ 1. Article 370

✗ 2. Article 371B

✓ 3. Article 371A

✗ 4. Article 371D

Q.36 **In April 2025, IN-SPACe launched an initiative inviting private firms to develop modular satellite platforms to host multiple payloads, aiming to reduce reliance on foreign satellite infrastructure. What is this initiative called?**

Ans

✗ 1. Modular Orbital Hosting Programme (MOHP)

✗ 2. National Space-Based Internet Mission (NSBIM)

✓ 3. Satellite Bus as a Service (SBaaS)

✗ 4. ISRO Commercial Payload Initiative (ICPI)

Q.37 **Gyaneshwar (1275 A.D.) holds a unique position in Marathi literature, primarily because he was:**

Ans
- ✔ 1. the first and foremost Bhakti poet
- ✘ 2. a renowned court historian
- ✘ 3. a celebrated playwright
- ✘ 4. a compiler of ancient texts

Q.38 **The Karakattam (Karagattam) dance, known for its unique balancing of pitchers, is primarily prevalent in which of the following states of India?**

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

Q.39 **Which Indian AI startup launched Shuka 1.0, an open-source audio language model supporting 10 Indian languages, in August 2024?**

Ans
- ✘ 1. Niramai
- ✘ 2. HealthifyMe
- ✔ 3. Sarvam AI
- ✘ 4. Qure.ai

Q.40 **In May 2025, India conducted joint military exercises with which country under the name 'Garuda Shakti 2025', aiming to strengthen counter-terrorism cooperation?**

Ans
- ✘ 1. Sri Lanka
- ✘ 2. France
- ✘ 3. Russia
- ✔ 4. Indonesia

Section : **Mathematics**

Q.1 **The sum of the squares of two consecutive even natural numbers is 1924. The sum of the numbers is:**

Ans
- ✘ 1. 54
- ✘ 2. 68
- ✔ 3. 62
- ✘ 4. 60

Q.2 **If a regular polygon has 15 sides, then what is the measure (in degrees) of each interior angle?**

Ans
- ✘ 1. 128°
- ✔ 2. 156°
- ✘ 3. 136°
- ✘ 4. 160°

Q.3 **Salil got an increase of 4% in his sales amount in the first year and 24% in the second year; also with this, his current sales are ₹1,61,200, what was his sales (in ₹) two years ago?**

Ans
- ✘ 1. ₹1,05,000
- ✘ 2. ₹1,30,000
- ✔ 3. ₹1,25,000
- ✘ 4. ₹1,55,000

Q.4 Evaluate: (−9) − (−60) ÷ (−12) + (−2) × 8

Ans

✔ 1. −30

✘ 2. −32

✘ 3. −29

✘ 4. −33

Q.5 Anjani can do a certain piece of work in 30 days. Anjani and Khushbu can together do the same work in 16 days, and Anjani, Khushbu and Sushmita can do the same work together in 15 days. In how many days can Anjani and Sushmita do the same work?

Ans

✘ 1. $\frac{85}{4}$

✔ 2. $\frac{80}{3}$

✘ 3. $\frac{73}{5}$

✘ 4. $\frac{81}{3}$

Q.6 Vihaan has to reach Chennai which is 886 km away in 17 hours. His starting speed for 8 hours was 53 km/hr. For the next 150 km his speed was 50 km/hr. By what speed he must travel now so as to reach Chennai in the decided time of 17 hours?

Ans

✔ 1. 52 km/hr

✘ 2. 56 km/hr

✘ 3. 57 km/hr

✘ 4. 51 km/hr

Q.7 A sum of money triples itself at a certain rate of compound interest in 5 years. In how many years will it amount to 9 times of itself?

Ans

✘ 1. 11 years

✘ 2. 7 years

✔ 3. 10 years

✘ 4. 19 years

Q.8 A shopkeeper lists the price of a fan at 36% above its cost price and offers a 25% discount on its list price. If he earns a profit of ₹171, then what is the list price (in ₹) of the fan?

Ans

✘ 1. 11,406

✘ 2. 11,547

✔ 3. 11,628

✘ 4. 11,598

Q.9 Which of the following numbers divides 78,89,73,289?

Ans

✘ 1. 18

✘ 2. 12

✘ 3. 7

✔ 4. 13

Q.10 ₹15,500 were divided among A, B and C, such that 7 times the share of A = 4 times the share of B = 2 times the share of C. Find the share of A.

Ans

✘ 1. ₹2,580

✘ 2. ₹2,542

✔ 3. ₹2,480

✘ 4. ₹2,479

Q.11 Simplify the following.

$9 \times (19 \times (4^2)) \div 14 + 13 - 86$

Ans
✗ 1. $\frac{856}{7}$
✗ 2. $\frac{852}{7}$
✗ 3. $\frac{853}{7}$
✓ 4. $\frac{857}{7}$

Q.12 A person purchased a gift article for ₹1,800 after getting 20% discount. Find the marked price of the gift article.

Ans
✗ 1. ₹2,500
✓ 2. ₹2,250
✗ 3. ₹2,800
✗ 4. ₹2,150

Q.13 Which of the following numbers divide 342165?

Ans
✗ 1. 2
✓ 2. 3
✗ 3. 7
✗ 4. 4

Q.14 The LCM of the numbers 3.8 and 0.052 is:

Ans
✓ 1. 49.4
✗ 2. 0.494
✗ 3. 4.94
✗ 4. 494

Q.15 Sapna invested ₹20,300 on simple interest, partly at 10% per annum and partly at 4% per annum. If she earns equal interests from the two investments after 4 years, then find the sum invested at 10% per annum (in ₹).

Ans
✗ 1. 5,801
✓ 2. 5,800
✗ 3. 5,799
✗ 4. 5,797

Q.16 Find the mean proportional of 98 and 18.

Ans
✗ 1. 39
✗ 2. 45
✓ 3. 42
✗ 4. 44

Q.17 A dealer runs a scheme offering 'buy 5 items and get 2 items free'. Each item is priced at ₹250. What is the total discount amount for a customer buying under this scheme?

Ans
✓ 1. ₹500
✗ 2. ₹700
✗ 3. ₹750
✗ 4. ₹600

Q.18 A can lay railway track between two given stations in 21 days and B can do the same job in 15 days. With the help of C, they did the job in 2 days only. Then, C alone can do the job in

Ans
1. $8\frac{16}{27} days$
2. $2\frac{16}{27} days$
3. $10\frac{16}{27} days$
4. $12\frac{16}{27} days$

Q.19 The volume of a right circular cylinder whose height is 20 cm and circumference of the base is 44 cm is:
(Take $\pi = \frac{22}{7}$)

Ans
1. 3080 cu.cm
2. 7623 cu. cm
3. 1936 cu. cm
4. 5082 cu.cm

Q.20 If $\sin\theta + \operatorname{cosec}\theta = 2$, then the value of $\sin^{120}\theta + \operatorname{cosec}^{120}\theta$ is:

Ans
1. 2
2. 0
3. 1
4. $\frac{1}{2}$

Q.21 9 years ago, the age of a father was 25 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

Ans
1. 21
2. 18
3. 19
4. 16

Q.22 The total surface area of a cube having side 74 cm is:

Ans
1. 32856 cm^2
2. 32896 cm^2
3. 32857 cm^2
4. 32846 cm^2

Q.23 The average of first 171 even numbers is

Ans
1. 172
2. 173
3. 172.5
4. 171.5

Q.24 The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 76 kg and 35 kg is:

Ans
✗ 1. 53.2
✗ 2. 52.2
✗ 3. 50.2
✓ 4. 51.2

Q.25 Simplify: $x(3x - 7) + 7(x^2 - 4) + 18$

Ans
✓ 1. $10x^2 - 7x - 10$
✗ 2. $-10x^2 - 7x - 10$
✗ 3. $10x^2 - 7x + 10$
✗ 4. $-10x^2 - 7x + 10$

Q.26 A number, when increased by 60%, gives 3580. The number is:

Ans
✗ 1. 4475
✗ 2. 6712.5
✓ 3. 2237.5
✗ 4. 1118.75

Q.27 By selling 6 buttons for a rupee, a man loses 45%. To gain 10% how many must he sell for a rupee?

Ans
✗ 1. 2
✗ 2. 4
✓ 3. 3
✗ 4. 5

Q.28 A, B and C started a business investing ₹610, ₹630 and ₹1,450, respectively. If B's share in the profit earned by them is ₹591. what is the difference in the profit (in ₹) earned by A and C?

Ans
✗ 1. ₹785
✗ 2. ₹786
✗ 3. ₹791
✓ 4. ₹788

Q.29 A man goes to Indore from Bhopal at a speed of 12 km/hr and returns to Bhopal at speed of 24 km/hr, through the same route. What is his average speed (in km/hr) of the entire journey?

Ans
✗ 1. 12
✗ 2. 21
✓ 3. 16
✗ 4. 11

Q.30 The number of prime numbers lying between 411 and 424, both included, is:

Ans
✗ 1. 4
✗ 2. 3
✓ 3. 2
✗ 4. 5

Section : **General Intelligence and Reasoning**

Q.1 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 52749631, then how many digits will appear more than once in the new number thus formed?

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

Q.2 KNML is related to ADCB in a certain way based on the English alphabetical order. In the same way, WZYX is related to MPON. To which of the given options is SVUT related, following the same logic?

Ans
- ✗ 1. IKLJ
- ✗ 2. IKJI
- ✗ 3. ILKO
- ✓ 4. ILKJ

Q.3 If 1 is added to each even digit of the number 36719542, then what will be the sum of the digits that are repeated more than once in the new number formed?

Ans
- ✗ 1. 8
- ✗ 2. 12
- ✓ 3. 15
- ✗ 4. 10

Q.4 In a certain code language, 'CALM' is coded as '3257' and 'MONK' is coded as '1346'. What is the code for 'M' in the given code language?

Ans
- ✗ 1. 5
- ✓ 2. 3
- ✗ 3. 1
- ✗ 4. 7

Q.5 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 E related to N if 'E $ F ÷ G + M @ N'?

Ans
- ✗ 1. Wife's father
- ✓ 2. Wife's brother
- ✗ 3. Father
- ✗ 4. Brother

Q.6 What should come in place of the question mark (?) in the given series?

5 4 2 −2 −10 ?

Ans
- ✗ 1. −27
- ✗ 2. −24
- ✓ 3. −26
- ✗ 4. −25

Q.7 Six people, D, E, F, G, H and Y, are sitting around a circular table, facing the centre. F sits third to the left of G. Only one person sits between F and Y when counted from the right of F. Only two people sit between Y and H. D is an immediate neighbour of H. How many people sit between D and E when counted from right of E?

Ans
- ✔ 1. Two
- ✘ 2. One
- ✘ 3. Zero
- ✘ 4. Three

Q.8 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 oranges are apples.
All apples are grapes.

Conclusions:
(I) Some apples are oranges.
(II) All grapes are oranges.

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

Q.9 112 people are standing in a row facing north. Mr. Into is 11^{th} from the left end while Mr. Toni is 19^{th} from the right end. How many people are there between Mr. Into and Mr. Toni?

Ans
- ✔ 1. 82
- ✘ 2. 83
- ✘ 3. 81
- ✘ 4. 85

Q.10 If 3 is added to each even digit and 2 is added to each odd digit in the number 2571463, what will be the sum of the first and last digits in the new number thus formed?

Ans
- ✔ 1. 10
- ✘ 2. 18
- ✘ 3. 14
- ✘ 4. 12

Q.11 In a row of 47 students facing north, Sanjana is 27^{th} from the left end. If Ananad is 18^{th} to the right of Sanjana, what is Ananad's position from the right end of the line?

Ans
- ✘ 1. 1^{st}
- ✘ 2. 4^{th}
- ✔ 3. 3^{rd}
- ✘ 4. 2^{nd}

Q.12 This question is based on the five, three-digit numbers given below.
(Left) 121 256 812 658 527 (Right)
(NOTE: All operations to be done from left to right.)

If all the numbers are arranged in descending order, the position(s) of how many numbers will remain unchanged?

Ans
- ✘ 1. One
- ✘ 2. Three
- ✔ 3. Zero
- ✘ 4. Two

Q.13 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

ZFN FLT LRZ RXF ?

Ans
1. XSD
2. XLD
3. XDL
4. XDS

Q.14 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the pair in which the numbers are related in the same way as are the numbers of the following pairs.

(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.)

140, 75
168, 103

Ans
1. 106, 51
2. 125, 70
3. 115, 60
4. 175, 110

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

TWY RUW PSU NQS ?

Ans
1. LPR
2. LOQ
3. LPQ
4. LOR

Q.16 In a certain code language, 'it is tasty' is written as 'mt bk lo' and 'did it go' is coded as 'mf jo mt'. How is 'it' coded in the given language?

Ans
1. mf
2. lo
3. jo
4. mt

Q.17 Saif starts from Point A and drives 31 km towards East. He then takes a right turn, drives 35 km, turns right and drives 47 km. He then takes a right turn and drives 45 km. He takes a final right turn, drives 16 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° turns only unless specified.)

Ans
1. 11 km to the South
2. 10 km to the South
3. 10 km to the East
4. 11 km to the West

Q.18 **Suresh starts from Point M and drives 10 km towards north. Then, he takes a right turn and drives 4 km; he turns right again and drives 4 km. Then, he takes a left turn and drives 2 km; then, he turns right and drives 8 km. Then, he takes a final right turn, drives 6 km and stops at Point N. How far (shortest distance) and towards which direction should she drive in order to reach Point M again? (All turns are 90-degree turns only, unless specified.)**

Ans
- ✔ 1. 2 km towards north
- ✘ 2. 4 km towards north
- ✘ 3. 2 km towards south
- ✘ 4. 4 km towards south

Q.19 **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 conclusions logically follow(s) from the statements.**

Statements: Some trees are chairs. Some chairs are graphs.

Conclusion (I): Some trees are graphs.
Conclusion (II): All graphs are chairs.

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

Q.20 **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. SJ-NT
- ✔ 2. OF-JQ
- ✘ 3. MD-HN
- ✘ 4. KB-FL

Q.21 **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. FO - YJ
- ✘ 2. BX - US
- ✘ 3. WA - PV
- ✔ 4. TJ - LE

Q.22 **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. TXR
- ✘ 2. NRM
- ✘ 3. JNI
- ✘ 4. QUP

Q.23 What should come in place of the question mark (?) in the given series?

3 11 20 30 41 ?

Ans
✗ 1. 58
✗ 2. 49
✗ 3. 67
✓ 4. 53

Q.24 Pritam is ranked 5th from the top and 21st from the bottom in his class. How many students are there in the class?

Ans
✓ 1. 25
✗ 2. 29
✗ 3. 24
✗ 4. 26

Q.25 Seven people, I, J, K, L, U, V and W are sitting in a row, facing north.
Only two people sit to the right of K. Only two people sit between K and U. Only two people sit between I and V. V sits to the immediate left of K. L sits to the immediate right of W.
Who sits at third position from the left end of the line?

Ans
✗ 1. I
✗ 2. L
✓ 3. J
✗ 4. W

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

(Left) 570 787 488 277 102 (Right)

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

In how many numbers is the resultant of the summation of the first and the third digits a prime number?

Ans
✗ 1. Four
✗ 2. One
✓ 3. Two
✗ 4. None

Q.27 LK 19 is related to GG 2 in a certain way. In the same way, IT 29 is related to DP 12. To which of the following is OV 15 related, following the same logic?

Ans
✓ 1. JR 2
✗ 2. IS 4
✗ 3. JS 4
✗ 4. IR 2

Q.28 Each of the digits in the number 8357691 is arranged in the ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

Ans
✓ 1. Two
✗ 2. None
✗ 3. Three
✗ 4. One

Q.29 What should come in place of the question mark (?) in the given series?

31 20 7 −8 −25 ?

Ans
1. −42
2. −44
3. −43
4. −45

Q.30 CHRX is related to FKXD in a certain way based on the English alphabetical order. In the same way, OTPV is related to RWVB. To which of the given options is XCHN related, following the same logic?

Ans
1. AFNU
2. AFTN
3. ATFN
4. AFNT