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	02/09/2025
Test Time	9:00 AM - 10:30 AM
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 sectors was the primary focus of India's First Five-Year Plan (1951–56)?**
Ans	✗ 1. Industry and Infrastructure
	✗ 2. Defence and Security
	✗ 3. Services and Education
	✓ 4. Agriculture and Irrigation

Q.2	**Which year was the Pradhan Mantri Jan Dhan Yojana launched?**
Ans	✓ 1. 2014
	✗ 2. 2013
	✗ 3. 2016
	✗ 4. 2015

Q.3	**Which Indian university showcased India's first fully automated vegetable sapling transplanter at the Ente Keralam exhibition, held in May 2025 at Marine Drive, Kochi, as part of the Kerala government's fourth-anniversary celebrations?**
Ans	✗ 1. Indian Institute of Science (IISc), Bengaluru
	✓ 2. Cochin University of Science and Technology (Cusat)
	✗ 3. Indian Institute of Technology Madras (IIT-M)
	✗ 4. Kerala Agricultural University

Q.4	**Which of the following local winds is known to bring rain to Tamil Nadu during winter?**
Ans	✓ 1. Northeast monsoon
	✗ 2. Jet stream
	✗ 3. Southwest monsoon
	✗ 4. Nor'wester

Q.5	**Which fault in the Peninsular Plateau is known for recurrent seismic activity?**
Ans	✗ 1. Vindhya Fault
	✗ 2. Malda Fault
	✓ 3. Bhima Fault
	✗ 4. Narmada Fault

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Q.6	At the 2025 International Table Tennis Federation (ITTF) World Table Tennis Championships Finals held in Doha, who emerged as the men's singles champion?
Ans	✗ 1. Ma Long
	✓ 2. Wang Chuqin
	✗ 3. Fan Zhendong
	✗ 4. Lin Gaoyuan

Q.7	Which reform movement in Kerala focused on the upliftment of the backward castes through education and social equality?
Ans	✗ 1. Kayastha Sabha
	✗ 2. Singh Sabha
	✗ 3. Arya Samaj
	✓ 4. SNDP Sabha

Q.8	Which of the following minerals is essential for oxygen transport in the blood?
Ans	✗ 1. Calcium
	✗ 2. Zinc
	✓ 3. Iron
	✗ 4. Magnesium

Q.9	Which authority can dissolve the Council of Ministers at the state level?
Ans	✗ 1. Prime Minister
	✗ 2. President
	✗ 3. High Court
	✓ 4. Governor

Q.10	Who among the following laid the foundation stone of Indira Gandhi Rashtriya Uran Akademi, commonly called IGRUA, in 1985?
Ans	✓ 1. Rajiv Gandhi
	✗ 2. Gulzari Lal Nanda
	✗ 3. Jawaharlal Nehru
	✗ 4. Morarji Desai

Q.11	Which of the following government initiatives was launched in 1973 to conserve a key apex predator and its ecosystem in India?
Ans	✗ 1. Project Rhino
	✗ 2. Project Elephant
	✓ 3. Project Tiger
	✗ 4. Project Asiatic Lion

Q.12	The energy produced by using the heat from the Earth’s interior is called:
Ans	✗ 1. Biomass energy
	✗ 2. Tidal energy
	✓ 3. Geothermal energy
	✗ 4. Solar energy

Q.13	Which of the following metals is used as a catalyst in the Haber process for ammonia synthesis?
Ans	✗ 1. Platinum
	✗ 2. Nickel
	✗ 3. Copper
	✓ 4. Iron

Q.14	Which of the following Articles deals with the rights of citizenship at the commencement of the Indian Constitution?
Ans	✗ 1. Article 7
	✗ 2. Article 10
	✗ 3. Article 11
	✓ 4. Article 5

Q.15	On which date did Prime Minister Shri Narendra Modi inaugurate the WAVES 2025, India's first-of-its-kind World Audio Visual and Entertainment Summit, held at Mumbai?
Ans	✗ 1. 20 April 2025
	✓ 2. 1 May 2025
	✗ 3. 1 April 2025
	✗ 4. 4 May 2025

Q.16	In April 2025, the Supreme Court reinterpreted which Article of the Constitution to direct amendment in KYC digital norms to ensure access for 'persons with disabilities'?
Ans	✗ 1. Article 14
	✓ 2. Article 21
	✗ 3. Article 25
	✗ 4. Article 30

Q.17	Which of the following Ministries is responsible for granting Indian citizenship by naturalisation?
Ans	✗ 1. Ministry of Law and Justice
	✗ 2. Ministry of Parliamentary Affairs
	✗ 3. Ministry of External Affairs
	✓ 4. Ministry of Home Affairs

Q.18	Who was appointed as the Director General of Defence Estates (DGDE) in June 2025?
Ans	✓ 1. Shailendra Nath Gupta
	✗ 2. Vikram Singh Rathore
	✗ 3. Anil Choudhary
	✗ 4. Rajesh Kumar Singh

Q.19	Following the Pahalgam attack in April 2025, India suspended which treaty with Pakistan?
Ans	✓ 1. Indus Waters Treaty
	✗ 2. Tashkent Agreement
	✗ 3. Simla Agreement
	✗ 4. Lahore Treaty

Q.20	What is the name of the first indigenously designed and built Anti-Submarine Warfare Shallow Water Craft (ASW-SWC) inducted into the Indian Navy in May 2025?
Ans	✗ 1. INS Tushil
	✗ 2. INS Arighaat
	✓ 3. INS Arnala
	✗ 4. INS Garuda

Q.21	Rapid industrialisation was a hallmark of India's early planning efforts. Which Five-Year Plan laid the foundation for India's public sector steel plants?
Ans	✗ 1. First Plan
	✗ 2. Fifth Plan
	✗ 3. Fourth Plan
	✓ 4. Second Plan

Q.22	Which of the following is NOT a role of the President of India?
Ans	✗ 1. Passing bills into laws
	✗ 2. Appointing the Prime Minister
	✗ 3. Summoning and dissolving the Parliament
	✓ 4. Conducting elections

Q.23	Which of the following is the genome-edited rice varieties launched by India in 2025?
Ans	✗ 1. Basmati Gold
	✗ 2. Super Rice 21
	✓ 3. DRR Rice 100
	✗ 4. Shakti Rice

Q.24	The 2025 edition of the Sheila Bharat Ram Theatre Festival took place at which of the following locations?
Ans	✗ 1. Kamani Auditorium, Delhi
	✗ 2. India Habitat Centre, Delhi
	✗ 3. National School of Drama, Delhi
	✓ 4. Shri Ram Centre of Performing Arts, Delhi

Q.25	What is the correct way to copy a file or folder using the Drag and Drop method?
Ans	✗ 1. Select the file → Press Ctrl + C → Drop it into the Recycle Bin
	✓ 2. Select the file in the right pane → Drag it to a folder in the left pane → Drop it there
	✗ 3. Right-click the file → Drag it to the desktop → Press Delete
	✗ 4. Double-click the file → Drag it back into the same folder

Q.26	Which institute of Indian Council of Agricultural Research (ICAR) developed India's first genome-edited rice variety DRR Rice 100 (Kamla)?
Ans	✓ 1. ICAR-Indian Institute of Rice Research, Hyderabad
	✗ 2. ICAR-Indian Agricultural Research Institute, New Delhi
	✗ 3. ICAR-Central Institute of Agricultural Engineering, Bhopal
	✗ 4. ICAR-National Rice Research Institute (NRRI), Cuttack

Q.27	Which of the following is the conjugate base of HCl?
Ans	✗ 1. OH^-
	✗ 2. H_3O^+
	✓ 3. Cl^-
	✗ 4. Cl^+

Q.28	Land revenue systems under British rule varied regionally. Which land revenue system was primarily followed in Bombay and Madras Presidencies?
Ans	✔ 1. Ryotwari
	✘ 2. Mahalwari
	✘ 3. Jagirdari
	✘ 4. Zamindari

Q.29	Who was the first Portuguese governor in India, sent in 1505 to establish naval supremacy?
Ans	✘ 1. Albuquerque
	✘ 2. Nino-da-Cunha
	✘ 3. De Souza
	✔ 4. De Almeida

Q.30	When was the Gurjara Pratihara dynasty founded by Nagabhatta I in the region of Malwa?
Ans	✘ 1. 6^{th} century
	✘ 2. 10^{th} century
	✘ 3. 12^{th} century
	✔ 4. 8^{th} century

Q.31	How can you permanently delete a file in MS Windows so that it DOES NOT go to the Recycle Bin?
Ans	✔ 1. Right-click on the file and press 'Shift + Delete'
	✘ 2. Right-click on the file and Press Ctrl + D
	✘ 3. Drag the file to the Recycle Bin
	✘ 4. Right-click on the file and select 'Delete'

Q.32	Who was honoured with the Humanitarian Award at the 72^{nd} Miss World Festival, held in May 2025, for philanthropic work during the Covid pandemic?
Ans	✘ 1. Akshay Kumar
	✔ 2. Sonu Sood
	✘ 3. Amitabh Bachchan
	✘ 4. Shah Rukh Khan

Q.33	Who assumed charge as the 18^{th} Commander-in-Chief of the Andaman & Nicobar Command (CINCAN) on 1 June 2025?
Ans	✘ 1. Lt General Rajesh Mehta
	✘ 2. Lt General Vijay Kumar Singh
	✘ 3. Lt General Anil Chatterjee
	✔ 4. Lt General Dinesh Singh Rana

Q.34	Which of the following classical theatre forms is associated with Karnataka and features dance-drama with colourful costumes?
Ans	✘ 1. Bhavai
	✘ 2. Jatra
	✔ 3. Yakshagana
	✘ 4. Kathakali

Q.35	What is the name of the herbal cream developed by CSIR-CIMAP for treating psoriasis released in May 2025?
Ans	✗ 1. Herbaloid
	✗ 2. DermaHerb
	✓ 3. PsoriaCIM
	✗ 4. SkinCure

Q.36	Which of the following was the biggest armed resistance to colonialism in the 19^{th} century in India?
Ans	✓ 1. Sepoy Mutiny
	✗ 2. First Anglo-Maratha War
	✗ 3. Quit India Movement
	✗ 4. Battle of Buxar

Q.37	Among which of the following powers did the 'Tripartite Struggle' take place during the 8^{th} and 9^{th} centuries?
Ans	✗ 1. Cholas, Chalukyas and Satavahanas
	✗ 2. Pandyas, Pallavas and Cholas
	✗ 3. Rashtrakutas, Cholas and Vardhanas
	✓ 4. Palas, Pratiharas and Rashtrakutas

Q.38	In 2025, India assumed the chairmanship of which international body focused on productivity and sustainability during a meeting held in Jakarta?
Ans	✗ 1. Asia-Pacific Economic Cooperation (APEC) for the 2025–26 term
	✗ 2. ASEAN Council for Economic Growth (ACEG) for a two-year term
	✓ 3. Asian Productivity Organisation (APO) for the 2025–26 term
	✗ 4. South Asian Association for Productivity (SAAP) till the 2026 term

Q.39	Which gas was least abundant in the early atmosphere?
Ans	✗ 1. Water vapour
	✓ 2. Free oxygen
	✗ 3. Carbon dioxide
	✗ 4. Nitrogen

Q.40	What was the official mascot of the 2025 National Games?
Ans	✗ 1. Tejaswini
	✓ 2. Mauli
	✗ 3. Gajasimha
	✗ 4. Shikhar

Section : **Mathematics**

Q.1	A hollow spherical shell is made of a metal of density 40 g/cm^3. Its internal and external radii are 1 cm and 4 cm, respectively. What is the mass (in kg) of the shell? $\left(\text{Take } \pi = \frac{22}{7}.\right)$
Ans	✗ 1. 11.65
	✗ 2. 12.35
	✗ 3. 7.56
	✓ 4. 10.56

Q.2	An amount of ₹936 is divided among three persons in the ratio of 2 : 4 : 3. The difference between the largest and the smallest shares (in ₹) in the distribution is:
Ans	✗ 1. 235
	✗ 2. 132
	✗ 3. 151
	✓ 4. 208

Q.3	$By\ how\ much\ is\ 65\%\ of\ 75\ greater\ than\ \frac{3}{5}\ of\ 15?$
Ans	✗ 1. 33.75
	✗ 2. 37.75
	✓ 3. 39.75
	✗ 4. 36.75

Q.4	The distance between two electric poles of length 25 metres and 36 metres is x metres. If the two angles of elevation of their respective top from the bottom of the other are complementary to each other, then the value of x (in metres) is:
Ans	✗ 1. 28
	✓ 2. 30
	✗ 3. 26
	✗ 4. 32

Q.5	A supplier offers a trade discount of 20% on a product priced at ₹5,000. Additionally, there is a scheme discount of 10% on the already discounted price. What is the final price of the product after both discounts?
Ans	✗ 1. ₹3,800
	✗ 2. ₹4,000
	✗ 3. ₹4,500
	✓ 4. ₹3,600

Q.6	If the third proportional of 9 and 30 be x, then what is the value of x?
Ans	✗ 1. 101
	✗ 2. 102
	✗ 3. 99
	✓ 4. 100

Q.7	Zeeshan travels 252 km at 63 km/hr, the next 150 km at 30 km/hr and the next 680 km at 68 km/hr. What is his average speed (in km/hr, rounded off to two decimal places) for the whole journey?
Ans	✗ 1. 58.05
	✗ 2. 62.09
	✗ 3. 54.95
	✓ 4. 56.95

Q.8	What is the difference between a single discount of 48% on ₹1,450 and two successive discounts of 10% and 40% on the same amount?
Ans	✗ 1. ₹28
	✓ 2. ₹29
	✗ 3. ₹32
	✗ 4. ₹31

Q.9	$Simplify: 4\left(\left(\frac{3}{4}\right)x^2 - 25x + 17\right) - 3(x^2 + 8x - 13)$.
Ans	✗ 1. 124x − 107
	✗ 2. 124x + 107
	✗ 3. −124x − 107
	✓ 4. −124x + 107

Q.10	Shahid and Mira have to travel from Delhi to Kanpur in their respective cars. Shahid is driving at 42 km/hr while Mira is driving at 98 km/hr. Find the time taken by Mira to reach Kanpur if Shahid takes 14 hours.
Ans	✗ 1. 5 hours
	✗ 2. 2 hours
	✓ 3. 6 hours
	✗ 4. 12 hours

Q.11	A sum of ₹400 amounts to ₹529 in 2 years at a certain rate of interest per annum, compounded annually. The rate of interest per annum is:
Ans	✗ 1. 11%
	✓ 2. 15%
	✗ 3. 18%
	✗ 4. 16%

Q.12	A trader claims to sell flour at a profit of 58%, but also dishonestly uses a weight which is 8% less than what is mentioned on it. Find the total percentage of profit earned by the trader. (Round off the answer to the nearest whole number.)
Ans	✗ 1. 71%
	✗ 2. 76%
	✓ 3. 72%
	✗ 4. 74%

Q.13	The product of two positive numbers is 80. If the first number is five times of the second number, then the sum of the two numbers is:
Ans	✗ 1. 29
	✓ 2. 24
	✗ 3. 33
	✗ 4. 27

Q.14	The LCM of the numbers 15.4 and 0.006 is:
Ans	✗ 1. 4.62
	✓ 2. 46.2
	✗ 3. 462
	✗ 4. 0.462

Q.15	Find the simple interest (in ₹) if a sum of ₹400 is borrowed for 3.5 years at 16% per annum rate of interest.
Ans	✗ 1. 324
	✗ 2. 274
	✓ 3. 224
	✗ 4. 204

Q.16	Find the value of: [480 ÷ {12 + 2 × (4 − 9)}].
Ans	✗ 1. 241
	✓ 2. 240
	✗ 3. 242
	✗ 4. 243

Q.17	3 years ago, the age of a father was 18 years more than twice his son's age. After how many years, from now, will he be twice his son's age?
Ans	✗ 1. 17
	✗ 2. 11
	✗ 3. 13
	✓ 4. 15

Q.18	Evaluate: (-9) - (-60) ÷ (-10) + (-4) × 6
Ans	✓ 1. -39
	✗ 2. -38
	✗ 3. -42
	✗ 4. -41

Q.19	A can lay railway track between two given stations in 19 days and B can do the same job in 11 days. With the help of C, they did the job in 3 days only. Then, C alone can do the job in
Ans	✗ 1. $3\frac{32}{119} days$
	✗ 2. $8\frac{32}{119} days$
	✓ 3. $5\frac{32}{119} days$
	✗ 4. $6\frac{32}{119} days$

Q.20	The current population of a town is 12,800. It increases by 25% and 35% in two successive years but decreases by 5% in the third year. What is the population of the town at the end of the third year?
Ans	✓ 1. 20,520
	✗ 2. 20,525
	✗ 3. 20,515
	✗ 4. 20,517

Q.21	The HCF and the LCM of two numbers are 11 and 330, respectively. If one of the numbers is 66, find the other one.
Ans	✗ 1. 44
	✓ 2. 55
	✗ 3. 66
	✗ 4. 121

Q.22	Pipe P can fill $\frac{3}{8}$ part of a tank in 21 hours and pipe Q can fill $\frac{2}{7}$ part of the same tank in 16 hours. Both P and Q were kept open for 2 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 3 hours. Pipes P, Q and R together can fill the empty tank in:
Ans	✗ 1. 94 hours
	✗ 2. 89 hours
	✗ 3. 67 hours
	✓ 4. 84 hours

Q.23	One side of a right-angled triangle is twice the other and the hypotenuse is 15 cm. Find the area (in cm^2) of the triangle.
Ans	✗ 1. 70
	✗ 2. 60
	✓ 3. 45
	✗ 4. 80

Q.24	The value of $\frac{5}{3}+\left(\frac{1}{1+\frac{5}{6}}\right)-\frac{5}{3}$ is
Ans	✗ 1. $\frac{7}{13}$
	✓ 2. $\frac{6}{11}$
	✗ 3. $\frac{5}{18}$
	✗ 4. $\frac{11}{18}$

Q.25	The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 76 kg and 38 kg is:
Ans	✗ 1. 52.8
	✗ 2. 50.8
	✗ 3. 53.8
	✓ 4. 51.8

Q.26	M and N started a business. M invested ₹50,000 more than N for 3 months, while N invested for 7 months. M's share is ₹328 more than that of N, out of a total profit of ₹4,920. Find the capital contributed by M.
Ans	✗ 1. ₹1,20,000
	✗ 2. ₹1,00,000
	✓ 3. ₹80,000
	✗ 4. ₹60,000

Q.27	50 glass bottles were purchased for ₹50, and 28 glass bottles broke in transit. The trader sold the remaining glass bottles at ₹5.80 each. Find his profit.
Ans	✗ 1. ₹68.50
	✗ 2. ₹76.60
	✗ 3. ₹75.30
	✓ 4. ₹77.60

Q.28	The average runs scored by a batsman in 23 matches is 42. In the next 10 matches, the batsman scored an average of 13 runs. Find his average runs scored (rounded off to two decimals) in all the 33 matches.
Ans	✗ 1. 35.21
	✗ 2. 34.21
	✓ 3. 33.21
	✗ 4. 32.21

Q.29	The value of $\frac{4}{5}+\left(\frac{1}{1+\frac{5}{6}}\right)-\frac{2}{5}$ is
Ans	✓ 1. $\frac{52}{55}$
	✗ 2. $\frac{57}{49}$
	✗ 3. $\frac{51}{61}$
	✗ 4. $\frac{43}{53}$

Q.30	The difference between an interior angle and exterior angle of a regular polygon is 120°. Find the number of sides of the polygon.
Ans	✗ 1. 15
	✓ 2. 12
	✗ 3. 14
	✗ 4. 10

Section : **General Intelligence and Reasoning**

Q.1	FKPX is related to IPSC in a certain way based on the English alphabetical order. In the same way, REBR is related to UJEW. To which of the following options is ATKG related, following the same logic?
Ans	✗ 1. DFRT
	✗ 2. DYLN
	✗ 3. DLNY
	✓ 4. DYNL

Q.2	Navneet starts from Point Y and drives 10 km towards west. He then takes a right turn, drives 18 km. He then turns right and drives 10 km. He takes a final right turn, drives 15 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified)
Ans	✓ 1. 3 km towards south
	✗ 2. 10 km towards north
	✗ 3. 4 km towards east
	✗ 4. 6 km towards west

Q.3	In a certain code language, 'CLAM' is coded as '1587' and 'LOAM' is coded as '4875'. What is the code for 'O' in that language?
Ans	✓ 1. 4
	✗ 2. 5
	✗ 3. 7
	✗ 4. 8

Q.4	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. HKO
	✗ 2. DGK
	✓ 3. ORW
	✗ 4. BEI

Q.5	If + means −, − means ×, × means ÷ and ÷ means +, then what will come in place of the question mark (?) in the following equation? 12 − 2 + 49 × 7 ÷ 5 = ?
Ans	✓ 1. 22
	✗ 2. 27
	✗ 3. 12
	✗ 4. 17

Q.6	Seven boxes U, V, W, X, E, F and G are kept one over the other but not necessarily in the same order. Only three boxes are kept below X. Only two boxes are kept between X and W. Only E is kept above V. H is kept at some place below G and at some place above U. Which box is kept at second position from the bottom?
Ans	✗ 1. X
	✗ 2. G
	✓ 3. U
	✗ 4. W

Q.7	FRUZ is related to JUYC in a certain way based on the English alphabetical order. In the same way, VDKL is related to ZGOO. To which of the given options is HMWU related, following the same logic?
Ans	✓ 1. LPAX
	✗ 2. XPLA
	✗ 3. LPXA
	✗ 4. XAPL

Q.8	What should come in place of the question mark (?) in the given series based on the English alphabetical order? JUO UFZ FQK QBV ?
Ans	✗ 1. BGM
	✓ 2. BMG
	✗ 3. BYG
	✗ 4. BGY

Q.9	If ‘A’ stands for ‘÷’, ‘B’ stands for ‘×’, ‘C’ stands for ‘+’ and ‘D’ stands for ‘−’, what will come in place of the question mark (?) in the following equation? 11 B 3 C 20 D 93 A 3 = ?
Ans	✗ 1. 2
	✗ 2. 9
	✗ 3. 15
	✓ 4. 22

Q.10	What should come in place of the question mark (?) in the given series? 510 511 519 546 610 ?
Ans	✔ 1. 735
	✘ 2. 695
	✘ 3. 755
	✘ 4. 715

Q.11	Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s). **Statements:** All candles are waxes. No candle is a tubelight. **Conclusions:** (I) Some tubelights are waxes. (II) All waxes are tubelights.
Ans	✘ 1. Both conclusions (I) and (II) follow.
	✘ 2. Only conclusion (I) follows.
	✘ 3. Only conclusion (II) follows.
	✔ 4. Neither conclusion (I) nor (II) follows.

Q.12	A, B, C, D, E, F and G are sitting around a circular table facing the centre. F sits to the immediate right of G. B sits third to the left of G. A is the immediate neighbour of D and G. C sits second to the left of B. How many people sit between E and D when counted from the left of D?
Ans	✔ 1. One
	✘ 2. Four
	✘ 3. Two
	✘ 4. Three

Q.13	This question is based on the five, three-digit numbers given below. (Left) 984 673 543 126 341 (Right) (Example- 697 – First digit = 6, second digit = 9 and third digit = 7) (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. 4
	✘ 2. 1
	✔ 3. 3
	✘ 4. 2

Q.14	Kishori ranked 15^{th} from the bottom and 26^{th} from the top in her class. How many students are there in her class?
Ans	✔ 1. 40
	✘ 2. 38
	✘ 3. 39
	✘ 4. 37

Q.15	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? JCV 13, MFY 25, PIB 49, SLE 97, VOH 193, ?
Ans	✔ 1. YRK 385
	✘ 2. URK 385
	✘ 3. YOK 385
	✘ 4. YRK 383

Q.16	Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. No box is kept above F. Only three boxes are kept between F and E. Only one box is kept between G and C. C is kept immediately above E. Only four boxes are kept between G and A. B is kept at some place above D. How many boxes are kept above E?
Ans	✘ 1. Two
	✔ 2. Four
	✘ 3. One
	✘ 4. Three

Q.17	What should come in place of the question mark (?) in the given series? 7 , 16 , 30 , 49 , 73 , ?
Ans	✘ 1. 105
	✘ 2. 104
	✘ 3. 103
	✔ 4. 102

Q.18	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. HL-OF
	✔ 2. CG-JB
	✘ 3. KO-RI
	✘ 4. EI-LC

Q.19	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. AE−DH
	✘ 2. KO−NR
	✔ 3. HL−JQ
	✘ 4. LP−OS

Q.20	This question is based on the five, three-digit numbers given below. (Left) 458 294 680 183 297 (Right) (Example- 697 – First digit = 6, second digit = 9 and third digit = 7) (NOTE: All operations to be done from left to right.) If all the numbers are arranged in ascending order, the position of how many numbers will remain unchanged?
Ans	✘ 1. None
	✘ 2. Four
	✘ 3. Two
	✔ 4. One

Q.21	In a certain code language, 'MALT' is coded as '1264' and 'PALM' is coded as '4521'. What is the code for 'P' in that language?
Ans	✗ 1. 4
	✗ 2. 2
	✓ 3. 5
	✗ 4. 1

Q.22	JFCK is related to HDAI in a certain way based on the English alphabetical order. In the same way, MIFN is related to KGDL. To which of the given options is PLIQ related, following the same logic?
Ans	✗ 1. JNOG
	✗ 2. JNGO
	✗ 3. NJOG
	✓ 4. NJGO

Q.23	If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', what will come in place of the question mark (?) in the following equation? 6 B 7 D 84 A 3 C 15 = ?
Ans	✗ 1. 32
	✗ 2. 42
	✗ 3. 36
	✓ 4. 29

Q.24	In a certain code language, A $ B means 'A is the mother of B', A + B means 'A is the brother of B', A @ B means 'A is the wife of B', and A ÷ B means 'A is the father of B'. How is E related to N if 'E @ F ÷ G + M $ N'?
Ans	✓ 1. Mother's mother
	✗ 2. Mother's father
	✗ 3. Mother's brother
	✗ 4. Mother's sister

Q.25	What should come in place of the question mark (?) in the given series? 26 40 55 71 ? 106
Ans	✓ 1. 88
	✗ 2. 98
	✗ 3. 104
	✗ 4. 92

Q.26	Seven people, F, G, H, I, J, K and R, are sitting around a circular table facing the centre of the table. I sits third to the left of J. R sits second to the left of G. Only J sits between H and R. F is not an immediate neighbour of I. How many people sit between K and R when counted from the right of K?
Ans	✗ 1. One
	✗ 2. Four
	✓ 3. Two
	✗ 4. Three

Q.27	In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. 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.) 19, 33 17, 29
Ans	✗ 1. 26, 43
	✗ 2. 23, 40
	✓ 3. 24, 43
	✗ 4. 22, 38

Q.28	Each of the digits in the number 8237519 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. 10
	✗ 3. 8
	✗ 4. 12

Q.29	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:** Some files are books. All books are keys. **Conclusions:** **(I)** Some files are keys. **(II)** All keys are books.
Ans	✓ 1. Only conclusion (I) follows.
	✗ 2. Only conclusion (II) follows.
	✗ 3. Neither conclusion (I) nor (II) follows.
	✗ 4. Both conclusions (I) and (II) follow.

Q.30	Virat starts from Point A and drives 10 km towards South. He then takes a right turn, drives 9 km, turns left and drives 5 km. He then takes a left turn and drives 9 km. He takes a final right 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° turns only unless specified.)
Ans	✓ 1. 19 km towards North
	✗ 2. 19 km towards South
	✗ 3. 15 km towards East
	✗ 4. 15 km towards South