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

Test Date	21/08/2025
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 **Which organisation has released the India Justice Report (IJR) in April 2025?**

Ans
✗ 1. Ambedkar Trusts
✗ 2. National Trusts
✓ 3. Tata Trusts
✗ 4. Bombay Public Trusts

Q.2 **Which of the following is a national waterway between Haldia (Sagar) and Prayagraj?**

Ans
✓ 1. National Waterways 1
✗ 2. National Waterways 3
✗ 3. National Waterways 4
✗ 4. National Waterways 2

Q.3 **Which Indian sprinter made a successful comeback by winning a silver medal in the women's 4×100m relay at the 2025 Asian Athletics Championships?**

Ans
✗ 1. Hima Das
✗ 2. Dhanalakshmi Sekar
✗ 3. Dutee Chand
✓ 4. Srabani Nanda

Q.4 **Which organisation's support was crucial in India's globalisation process post 1991 economic crisis?**

Ans
✗ 1. WHO
✗ 2. UNICEF
✓ 3. IMF
✗ 4. UNESCO

Q.5 **Which district became the first in India to meet its entire power demand through solar energy, as of 2025?**

Ans
✗ 1. Silvassa
✗ 2. Kavaratti
✗ 3. Leh
✓ 4. Diu

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Q.6 In February 2025, a self-cleaning, flexible heating fabric was developed by _____.

Ans
- ✗ 1. IIT Madras
- ✗ 2. IIT Delhi
- ✓ 3. IIT Guwahati
- ✗ 4. IIT Bombay

Q.7 When were Bahadur Shah Zafar and his wife Begum Zinat Mahal sent to prison in Rangoon?

Ans
- ✗ 1. April 1857
- ✓ 2. October 1858
- ✗ 3. January 1859
- ✗ 4. October 1857

Q.8 Which of the following coast lies in Karnataka and Kerala states?

Ans
- ✗ 1. Kachchh coast
- ✗ 2. Kathiawar coast
- ✓ 3. Malabar coast
- ✗ 4. Konkan coast

Q.9 Which Amendment gave Constitutional recognition to the National Commission for Backward Classes (NCBC)?

Ans
- ✗ 1. 98th Amendment Act, 2013
- ✓ 2. 102nd Amendment Act, 2018
- ✗ 3. 99th Amendment Act, 2014
- ✗ 4. 100th Amendment Act, 2015

Q.10 Which edition of the BIMSTEC Summit in Thailand did the Indian Prime Minister attend on 4 April 2025?

Ans
- ✓ 1. 6th
- ✗ 2. 7th
- ✗ 3. 5th
- ✗ 4. 8th

Q.11 Manimekali, a notable work within early Tamil literature, is categorised as which type of literary composition?

Ans
- ✓ 1. An Epic
- ✗ 2. An Autobiography
- ✗ 3. A Treatise
- ✗ 4. A Memoir

Q.12 In dry areas, water from underground comes up through the soil by capillary action and dries quickly, leaving salts behind. These salts form a hard layer called:

Ans
- ✓ 1. hardpans
- ✗ 2. pedalfer
- ✗ 3. laterite
- ✗ 4. granite

Q.13 The main objective of British economic policies in India was to:

Ans
- ✗ 1. support rural employment
- ✗ 2. promote Indian self-sufficiency
- ✓ 3. benefit the British economy
- ✗ 4. industrialise India

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Q.14 Which of the following kings of Kalinga in the 2nd century B.C. professed Jainism in India?

Ans
- ✔ 1. Kharavela
- ✘ 2. Ashoka
- ✘ 3. Samprati
- ✘ 4. Bindusara

Q.15 Each modern industrialised country, including India, has a National Metrology Institute (NMI). What is the main role of an NMI?

Ans
- ✔ 1. To maintain standards of measurements
- ✘ 2. To monitor weather conditions
- ✘ 3. To regulate internet access in the country
- ✘ 4. To conduct medical research

Q.16 What is the name of the Act that governs the rules and service conditions of All-India Services?

Ans
- ✘ 1. All-India Civil Act, 1950
- ✘ 2. Indian Services Governance Act, 1955
- ✔ 3. All-India Services Act, 1951
- ✘ 4. Civil Services Regulation Act, 1946

Q.17 Colonial policies significantly altered India's trade structure. Which of the following best describes India's foreign trade pattern at the time of independence?

Ans
- ✘ 1. Export of capital goods and import of consumer goods
- ✘ 2. Export of finished goods and import of raw materials
- ✘ 3. Balanced trade between agriculture and industry
- ✔ 4. Export of raw materials and import of manufactured goods

Q.18 Which British policy promoted English education to create a loyal class serving British interests in India?

Ans
- ✔ 1. Education Policy
- ✘ 2. Subsidiary Alliance
- ✘ 3. Divide and Rule
- ✘ 4. Trade Policy

Q.19 Tussocky grass grows mainly in which type of forests?

Ans
- ✔ 1. Tropical Thorn forests
- ✘ 2. Tropical Deciduous forests
- ✘ 3. Evergreen forests
- ✘ 4. Montane forests

Q.20 Which of the following DOES NOT produce Greenhouse gases?

Ans
- ✔ 1. Tidal energy
- ✘ 2. Natural gas transport fuel
- ✘ 3. Thermal power plant
- ✘ 4. Diesel generator

Q.21 Dr. Justice DY Chandrachud, former Chief Justice of India, joined which of the following institutions in May 2025 as a distinguished professor?

Ans
- ✔ 1. National Law University, Delhi (NLUD)
- ✘ 2. Faculty of Law, University of Delhi (DU)
- ✘ 3. Indian Law Institute (ILI)
- ✘ 4. Guru Gobind Singh Indraprastha University (GGSIPU)

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Q.22 Which of the following was a major criticism of the Green Revolution in India?

Ans
- ✗ 1. It reduced agricultural output.
- ✗ 2. It discouraged use of technology.
- ✗ 3. It promoted organic farming.
- ✓ 4. It led to regional and crop imbalances.

Q.23 Which of the following options best represents the predictions of a Punnett square?

Ans
- ✓ 1. Genotype and phenotype probabilities
- ✗ 2. Genetic linkage relationships in siblings
- ✗ 3. Genetic mutations over several generations
- ✗ 4. DNA sequence in parents

Q.24 Which Constitutional Amendment Act abolished the provision for nominating members from the Anglo-Indian community to the State Legislative Assemblies?

Ans
- ✓ 1. 104th Amendment Act, 2019
- ✗ 2. 105th Amendment Act, 2021
- ✗ 3. 101st Amendment Act, 2016
- ✗ 4. 102nd Amendment Act, 2018

Q.25 The Government conducted a crocodile census in the Vishwamitri River to estimate the population of mugger crocodiles. In which state is the Vishwamitri River located?

Ans
- ✓ 1. Gujarat
- ✗ 2. Maharashtra
- ✗ 3. Madhya Pradesh
- ✗ 4. Rajasthan

Q.26 Which of the following films is considered the first Indian sound (talkie) film, marking the beginning of Bollywood?

Ans
- ✗ 1. Sholay
- ✗ 2. Raja Harishchandra
- ✓ 3. Alam Ara
- ✗ 4. Mughal-e-Azam

Q.27 Who laid the foundation stone of the Bageshwar Dham Medical and Science Research Institute in Madhya Pradesh?

Ans
- ✗ 1. Mangubhai C Patel
- ✓ 2. Narendra Modi
- ✗ 3. Mohan Yadav
- ✗ 4. JP Nadda

Q.28 What special provision is granted under Article 371J of the Indian Constitution?

Ans
- ✗ 1. Provision for official language use in Goa and Daman and Diu
- ✓ 2. Special status for the Hyderabad–Karnataka region
- ✗ 3. Creation of a common High Court for the northeastern states
- ✗ 4. Special powers to the Governor of Manipur for law and order

Q.29 What significant milestone did Pixxel achieve with its 2025 space launch?

Ans
- ✗ 1. Launch of a reusable rocket
- ✗ 2. India's first lunar lander by a startup
- ✓ 3. Launch of the first private satellite constellation from India
- ✗ 4. Construction of a domestic space observatory

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Q.30 Which of the following is the function of the Central Processing Unit (CPU) in a computer?

Ans
- ✗ 1. It receives input from the keyboard and mouse only.
- ✗ 2. It stores all user files permanently.
- ✓ 3. It processes data and controls operations of all parts of the computer.
- ✗ 4. It sends output to printers and monitors.

Q.31 Which of the following is NOT a feature of India's federal system, thereby reflecting its unitary character?

Ans
- ✓ 1. Single citizenship for the entire country
- ✗ 2. Requirement of some Constitutional Amendments to be ratified by States
- ✗ 3. An upper house of Parliament (Rajya Sabha) representing the states
- ✗ 4. Division of powers between the Centre and States

Q.32 Which Latin American country became the first to pull out of China's Belt and Road Initiative in February 2025?

Ans
- ✓ 1. Panama
- ✗ 2. Argentina
- ✗ 3. Chile
- ✗ 4. Brazil

Q.33 The Eleventh Schedule of the Indian Constitution lists various subjects. Which level of government are these subjects intended for?

Ans
- ✗ 1. Urban Municipal Corporations
- ✗ 2. State Governments (State legislative matters)
- ✓ 3. Panchayati Raj Institutions (village/local level)
- ✗ 4. Central Government (Union ministries)

Q.34 What does the abbreviation 'PCB' stand for in operating systems?

Ans
- ✗ 1. Program Control Block
- ✓ 2. Process Control Block
- ✗ 3. Primary Communication Bus
- ✗ 4. Process Communication Block

Q.35 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. W C Bannerjee
- ✗ 3. Surendranath Bannerjee
- ✗ 4. Ananda Mohan Bose

Q.36 Which fundamental law of chemistry is illustrated by the fact that hydrogen and oxygen always combine in a fixed 1 : 8 mass ratio to form water?

Ans
- ✗ 1. Law of Conservation of Energy
- ✗ 2. Dalton's Atomic Theory
- ✗ 3. Law of Multiple Proportions
- ✓ 4. Law of Constant Proportions

Q.37 In how many cities of Bihar were the Khelo India Youth Games 2025 held?

Ans
- ✗ 1. 3
- ✓ 2. 5
- ✗ 3. 6
- ✗ 4. 4

Q.38 'Milind Panho' is a post-Mauryan text which contains the conversations between the Indo-Greek ruler Menander and the scholar and Buddhist monk _____.

Ans
✔ 1. Nagasena
✘ 2. Badarayana
✘ 3. Patanjali
✘ 4. Kapila

Q.39 When did Donald Trump officially take office as the 47th President of the United States?

Ans
✔ 1. 20 January 2025
✘ 2. 4 March 2025
✘ 3. 1 February 2025
✘ 4. 6 January 2025

Q.40 Which Indian city, also called the 'Detroit of India,' hosts manufacturers like Hyundai, BMW, Ford and Ashok Leyland, making it a major automotive hub?

Ans
✘ 1. Gurugram
✘ 2. Pune
✘ 3. Sanand
✔ 4. Chennai

Section : Mathematics

Q.1 After allowing a discount of 28%, an article is available for ₹3,240. Its marked price is _____.

Ans
✘ 1. ₹4,147
✘ 2. ₹4,450
✘ 3. ₹4,332
✔ 4. ₹4,500

Q.2 If the 6-digit number N84M69 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

Ans
✘ 1. M + N = 7
✘ 2. M - N = 1
✘ 3. M = N
✔ 4. M - N = -7

Q.3 Pipe A can fill a tank in 12 hours, pipe B can fill the same tank in 22 hours and pipe C can fill the same tank in 8 hours. The time taken by them to fill the same tank if they operate together is::

Ans
✘ 1. $4\frac{63}{67} hours$
✔ 2. $3\frac{63}{67} hours$
✘ 3. $2\frac{63}{67} hours$
✘ 4. $5\frac{63}{67} hours$

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Q.4 A train that is 220 m long overtakes a man moving at a speed of 10 km/hr (in same direction) in 44 seconds. How much time (in seconds) will it take this train to completely cross another train of a length of 315 m, moving in the opposite direction at a speed of 79 km/hr?

Ans
✗ 1. 14
✗ 2. 32
✗ 3. 28
✓ 4. 18

Q.5 A sum of ₹15,625 amounts to ₹24,389 in 3 years at a certain rate of interest per annum, compounded annually. The rate of interest per annum is:

Ans
✗ 1. 14%
✓ 2. 16%
✗ 3. 19%
✗ 4. 15%

Q.6 Find the value of [868 ÷ {26 + 6 × (3 − 7)}].

Ans
✗ 1. 432
✗ 2. 435
✗ 3. 431
✓ 4. 434

Q.7 Sapna invested ₹21,700 on simple interest, partly at 3% per annum and partly at 12% per annum. If she earns equal interests from the two investments after 7 years, then find the sum invested at 3% per annum (in ₹).

Ans
✓ 1. 17,360
✗ 2. 17,357
✗ 3. 17,361
✗ 4. 17,358

Q.8 Which of the following is the greatest number that, when dividing 183, 127 and 211, leaves the same remainder each time?

Ans
✗ 1. 25
✓ 2. 28
✗ 3. 30
✗ 4. 32

Q.9 Simplify: $\frac{\sin A \tan A}{(1 - \cos A)}$

Ans
✓ 1. $1 + \sec A$
✗ 2. $1 + \sin A$
✗ 3. $1 + \cos A$
✗ 4. $1 + \operatorname{cosec} A$

Q.10 The product of two consecutive natural numbers is 182. The greater of the two numbers is:

Ans
✓ 1. 14
✗ 2. 26
✗ 3. 7
✗ 4. 27

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Q.11 If the third proportional of 25 and 35 be x, then what is the value of x?

Ans
- ✗ 1. 52
- ✗ 2. 51
- ✓ 3. 49
- ✗ 4. 50

Q.12 The sides of a triangle are 44 cm, 33 cm, and 55 cm. What is its area? (in cm^2)

Ans
- ✗ 1. 732
- ✓ 2. 726
- ✗ 3. 742
- ✗ 4. 749

Q.13 A number, when increased by 60%, gives 3570. The number is:

Ans
- ✗ 1. 4462.5
- ✗ 2. 1115.625
- ✓ 3. 2231.25
- ✗ 4. 6693.75

Q.14 The number of prime numbers lying between 306 and 313, both included, is:

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

Q.15 A jacket is marked at ₹12,000. Store A offers two successive discounts of 15% and 10%. Store B offers two successive discounts of 10% and 15%. A customer wants to know which store provides a better deal and by how much?

Ans
- ✗ 1. Store A; by ₹150
- ✗ 2. Store A; by ₹100
- ✗ 3. Store B; by ₹100
- ✓ 4. Both stores A and B offer the same price

Q.16 The perimeter of an equilateral triangle ABC is 22.2 cm. What is the area of triangle (in cm^2)?

Ans
- ✓ 1. $13.69\sqrt{3}$
- ✗ 2. $14.93\sqrt{3}$
- ✗ 3. $12.76\sqrt{3}$
- ✗ 4. $11.36\sqrt{3}$

Q.17 ABCD is a trapezium in which BC ∥ AD and AC = CD. If ∠ABC = 74° and ∠BAC = 54°, then what is the measure of ∠ACD (in degree)?

Ans
- ✓ 1. 76°
- ✗ 2. 91°
- ✗ 3. 85°
- ✗ 4. 82°

Q.18 If 3 times Mary's present age is 18 years more than 5 times Diya's present age, and 2 times Diya's present age is 3 years less than Mary's present age, then what is the difference (in years) between the ages of Mary and Diya?

Ans
- ✓ 1. 12
- ✗ 2. 16
- ✗ 3. 15
- ✗ 4. 11

Q.19 Find the value of x satisfying: $5(5x^2 - 6) - 5(5x^2 + 2x - 4) = 20$

Ans
✗ 1. 2
✗ 2. 1
✓ 3. -3
✗ 4. -1

Q.20 The average weight of Mandar, Ketan and Tushar is 45 kg. If the average weight of Mandar and Ketan is 44 kg and that of Ketan and Tushar is 45 kg, then the weight of Ketan (in kg) is:

Ans
✗ 1. 53
✗ 2. 63
✓ 3. 43
✗ 4. 58

Q.21 Mahesh bought some sharpeners at the rate of ₹150 a dozen. He sold them for ₹41 each. His profit percentage is _____%.

Ans
✗ 1. 226
✗ 2. 230
✗ 3. 232
✓ 4. 228

Q.22 The marks scored by 10 students are given below.

18, 13, 14, 14, 19, 14, 17, 17, 14, 20

The mode of the data is:

Ans
✗ 1. 13
✓ 2. 14
✗ 3. 18
✗ 4. 19

Q.23 Find the value of: $55^{-13} \div 55^{14} \times 55^{-11}$

Ans
✗ 1. 55^{-36}
✗ 2. 55^{-48}
✓ 3. 55^{-38}
✗ 4. 55^{-32}

Q.24 By selling an article at $\frac{6}{15}$ of its actual selling price, Nirbhay incurs a loss of 14%.

If he sells it at 54% of its actual selling price, then the profit percentage is:

Ans
✗ 1. 18.4%
✗ 2. 18.7%
✓ 3. 16.1%
✗ 4. 16.5%

Q.25 Which of the following numbers divides 3,27,087?

Ans
✓ 1. 3
✗ 2. 12
✗ 3. 8
✗ 4. 5

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Q.26 4 men can complete a piece of work in 18 days, while 9 women can do it in 8 days. In how many days can 3 women and 6 men complete this work?

Ans
- ✗ 1. 11 days
- ✗ 2. 13 days
- ✓ 3. 8 days
- ✗ 4. 4 days

Q.27 A man driving a car at a speed of 41 km/hr crosses a bridge in 2.4 minutes. Find the length of the bridge.

Ans
- ✗ 1. 2.18 km
- ✗ 2. 2.54 km
- ✗ 3. 0.69 km
- ✓ 4. 1.64 km

Q.28 A company earns a profit (in ₹) that is distributed among the company's three partners in the ratio of 14 : 10 : 16. If the difference between the smallest and the largest shares is ₹29,547, the total profit (in ₹) of the company is:

Ans
- ✗ 1. 1,96,892
- ✓ 2. 1,96,980
- ✗ 3. 1,97,067
- ✗ 4. 1,96,943

Q.29 A man makes a monthly payment equal to 30% of his monthly salary towards debt repayment. He spends 20% of the remaining salary and saves ₹602. His monthly salary (in ₹) is:

Ans
- ✓ 1. 1,075
- ✗ 2. 1,072
- ✗ 3. 1,115
- ✗ 4. 1,078

Q.30 M and N started a business. M invested ₹48,000 more than N for 3 months, while N invested for 4 months. M's share is ₹498 more than that of N, out of a total profit of ₹1,494. Find the capital contributed by M.

Ans
- ✗ 1. ₹78,600
- ✓ 2. ₹76,800
- ✗ 3. ₹75,000
- ✗ 4. ₹78,000

Section : General Intelligence and Reasoning

Q.1 Seven people, I, J, K, L, U, V and W are sitting in a row, facing north.
No one sits to the left of V. Only four people sit between V and I. Only three people sit to the right of K. J sits to the immediate left of W. L is not an immediate neighbour of K.
Who sits at the rightmost end of the line?

Ans
- ✓ 1. L
- ✗ 2. K
- ✗ 3. W
- ✗ 4. I

Q.2 Refer to the following letter-symbol series and answer the question that follows.
Counting is to be done from left to right only.
(Left) 7 1 $ % 3 $ % 8 < 7 8 1 8 # < 7 @ * 5 5 + (Right)

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

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

Q.3 Kabir ranked 27th from the top and 34th from the bottom in his class. How many students are there in his class?

Ans
✗ 1. 59
✓ 2. 60
✗ 3. 62
✗ 4. 61

Q.4 In a certain code language, 'MORE' is coded as '1432' and 'MOVE' is coded as '3254'. What is the code for 'V' in the given code language?

Ans
✗ 1. 3
✓ 2. 5
✗ 3. 4
✗ 4. 1

Q.5 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 kiwis are bananas. All bananas are grapes.

Conclusions (I): All kiwis are grapes.
Conclusions (II): Some grapes are bananas.

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

Q.6 Seven people, I, J, K, L, M, N and O are sitting in a row, facing north. Only two people sit between J and I. Only M sits to the right of K. Only one person sits between I and K. O sits at some place to the right of L but at some place to the left of N. How many people sit between N and L?

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

Q.7 B is the father of O. O is the wife of A. A is the brother of T. T is the daughter of S. How is B related to S?

Ans
✗ 1. Son's wife's brother
✗ 2. Son's wife's sister
✗ 3. Son's wife's mother
✓ 4. Son's wife's father

Q.8 Which of the following options is the closest approximate value that will come in place of question mark (?) in the following equation?

$$\sqrt[3]{63.998} + \frac{5}{4} \text{ of } 120.01\% \text{ of } 399.89 - 29.99 \div 3.01 = ?$$

Ans
✗ 1. 544
✓ 2. 594
✗ 3. 449
✗ 4. 494

Q.9 XAYA is related to BECE in a certain way based on the English alphabetical order. In the same way, GJHJ is related to KNLN. To which of the given options is MPNP related, following the same logic?

Ans
✗ 1. QUQV
✗ 2. QSQT
✗ 3. QTQT
✓ 4. QTRT

Q.10 Mr. Tim starts from point A and drives 9 km towards the west. He then takes a left turn, drives 3 km, turns right and drives 11 km. He then takes a right turn and drives 4 km. He takes a final right turn, drives 20 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. 1 km to the south
✗ 2. 3 km to the south
✗ 3. 4 km to the east
✗ 4. 2 km to the south

Q.11 Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit. Counting to be done from left to right only.

(Left) 4 6 @ 2 & % 8 $ 7 + 1 * £ 5 & 3 Ω 9 # (Right)

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

Ans
✓ 1. 5
✗ 2. 3
✗ 3. 1
✗ 4. 2

Q.12 What should come in place of the question mark (?) in the given series?

96 102 104 110 112 ?

Ans
✓ 1. 118
✗ 2. 116
✗ 3. 120
✗ 4. 119

Q.13 What will come in the place of the question mark (?) in the following equation, if '+' and '÷' are interchanged, and '−' and '×' are interchanged?

13 − 2 × 75 + 3 ÷ 24 = ?

Ans
✗ 1. 38
✗ 2. 34
✗ 3. 46
✓ 4. 25

Q.14 What will come in place of the question mark (?) in the following equation, if '+' and '×' are interchanged and '−' and '÷' are interchanged?

8 + 5 ÷ 40 − 4 × 17 = ?

Ans
✗ 1. 52
✓ 2. 47
✗ 3. 58
✗ 4. 40

Q.15 Mohit starts from Point Y and drives 35 km towards north. He then takes a right turn, drives 83 km, turns right and drives 49 km. He then takes a right turn and drives 36 km. He takes a right turn, drives 76 km. He then turns left, drives 47 km, turns left again, drives 21 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° turns only unless specified.)

Ans
✗ 1. 37 km towards west
✗ 2. 39 km towards north
✗ 3. 43 km towards east
✓ 4. 41 km towards south

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.)

Ans
✗ 1. NE-HL
✗ 2. PG-JN
✗ 3. LC-FJ
✓ 4. JA-DG

Q.17 Seven boxes D, E, F, G, H, I and X are kept one over the other but not necessarily in the same order. Only F is kept above I. Only X is kept between I and E. Only H is kept below G. How many boxes are kept between D and F?

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

Q.18 VXZA is related to WYAB in a certain way based on the English alphabetical order. In the same way, YACD is related to ZBDE. To which of the following is BDFG related, following the same logic?

Ans
✗ 1. CFFH
✓ 2. CEGH
✗ 3. CDFH
✗ 4. CEFH

Q.19 In a certain code language, 'the glass broke' is written as 'al tk jb' and 'answer the question ' is coded as ' mo jb tu'. How is 'the' coded in the given language?

Ans
✗ 1. mo
✗ 2. tk
✓ 3. jb
✗ 4. al

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Q.20 URKE is related to ZWPJ in a certain way based on the English alphabetical order. In the same way, OLEY is related to TQJD. To which of the given options is DATN related, following the same logic?

Ans
- ✔ 1. IFYS
- ✘ 2. IYSF
- ✘ 3. IFSY
- ✘ 4. IUOP

Q.21 What should come in place of the question mark (?) in the given series?

23 ? 46 59 73 88

Ans
- ✘ 1. 36
- ✔ 2. 34
- ✘ 3. 42
- ✘ 4. 30

Q.22 If 1 is subtracted from each odd digit of the number 95423671, then what will be the product of the digits that are repeated more than once in the new number formed?

Ans
- ✘ 1. 8
- ✔ 2. 48
- ✘ 3. 24
- ✘ 4. 16

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

50 61 78 101 132 173 ?

Ans
- ✘ 1. 201
- ✔ 2. 220
- ✘ 3. 221
- ✘ 4. 210

Q.24 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. MPO
- ✘ 2. YBZ
- ✘ 3. ORP
- ✘ 4. EHF

Q.25 In a row of 151 students facing north, Mr. Into is 12^{th} from the right end. If Mr. Toni is 16^{th} to the left of Mr. Into; what is Mr. Toni's position from the left end of the line?

Ans
- ✘ 1. 126^{th}
- ✘ 2. 123^{rd}
- ✔ 3. 124^{th}
- ✘ 4. 125^{th}

Q.26 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

WJO, BHR, GFU, ?, QBA

Ans
- ✘ 1. LDC
- ✘ 2. LWC
- ✔ 3. LDX
- ✘ 4. LMX

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Q.27 In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-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 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.)

15, 224
8, 63

Ans
✔ 1. 9, 80
✘ 2. 11, 123
✘ 3. 6, 37
✘ 4. 13, 170

Q.28 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 is the letter-cluster pair that 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. BR-XE
✘ 2. CS-YA
✘ 3. VL-RT
✘ 4. HX-DF

Q.29 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

BD 99 GI 97 LN 93 QS 87 ?

Ans
✔ 1. VX 79
✘ 2. TV 79
✘ 3. UW 77
✘ 4. VW 77

Q.30 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 lipsticks are tabs.
No tab is a kite.

Conclusions:
(I): Some lipsticks are kites.
(II): Some tabs are lipsticks.

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