Test Date	01/09/2025
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 After his election as the first American pope, what papal name did Cardinal Robert Prevost choose?

Ans ✔ 1. Pope Leo XIV

✖ 2. Pope John XXIV

✖ 3. Pope Benedict XVII

✖ 4. Pope Francis II

Q.2 Which of the following is the correct terminology for the gap between two neurons where they communicate?

Ans ✖ 1. Node gap

✔ 2. Synaptic cleft

✖ 3. Dendritic cleft

✖ 4. Axonal gap

Q.3 Which farming type involves small landholdings, simple tools, and production mainly consumed by farmers and their families in India?

Ans ✖ 1. Plantation farming

✖ 2. Commercial farming

✖ 3. Commercial grain farming

✔ 4. Subsistence farming

Q.4 Which type of natural vegetation in India is known for forests with hardwood trees such as sal, teak, and bamboo?

Ans ✔ 1. Tropical deciduous forests

✖ 2. Thorn forests

✖ 3. Tropical evergreen forests

✖ 4. Montane forests

Q.5 Which memory is non-volatile, meaning it retains data even after the computer is turned off?

Ans ✖ 1. Virtual Memory

✖ 2. Cache Memory

✔ 3. ROM

✖ 4. RAM

Q.6 During which of the following seasons was the National Agricultural Insurance Scheme launched to protect the farmers against crop losses suffered on account of natural calamities such as droughts, floods, hailstorms, cyclones, pests and diseases?

Ans ✓ 1. Rabi 1999-2000

✗ 2. Kharif 2001-2002

✗ 3. Rabi 2005-2006

✗ 4. Kharif 1998-1999

Q.7 The 'Keel Laying' ceremony of the first of the five Fleet Support Ships (FSS) for the Indian Navy was held at which place in November 2024?

Ans ✗ 1. Mazagon Dock Shipbuilders Ltd., Cochin

✓ 2. Hindustan Shipyard Ltd., Visakhapatnam

✗ 3. Goa Shipyard Limited

✗ 4. ABG Shipyard Ltd., Mumbai

Q.8 Who introduced the Permanent Settlement in British India?

Ans ✗ 1. Lord Dalhousie

✗ 2. Lord Wellesley

✗ 3. Thomas Munro

✓ 4. Lord Cornwallis

Q.9 _____ is a classical dance form characterised by elaborate facial makeup, colourful costumes, and themes from Hindu epics, mainly performed by male dancers.

Ans ✗ 1. Kathak

✓ 2. Kathakali

✗ 3. Bharatanatyam

✗ 4. Mohiniyattam

Q.10 Which company signed a ₹1,220 crore deal for Software Defined Radios with Defence Ministry in February 2025?

Ans ✓ 1. Bharat Electronics Limited

✗ 2. Reliance Naval Systems

✗ 3. Hindustan Shipyard

✗ 4. L&T

Q.11 Which archaeological site shows pit dwellings and evidence of domesticated dogs during the Neolithic period?

Ans ✗ 1. Chirand

✓ 2. Burzahom

✗ 3. Koldihwa

✗ 4. Hallur

Q.12 In January 2025, the Gujarat government declared the 'Inland Mangrove of Guneri', located in which district, as its first Biodiversity Heritage Site (BHS)?

Ans ✗ 1. Morbi

✓ 2. Kutch

✗ 3. Vadodara

✗ 4. Rajkot

Q.13 Infrastructure has been a key pillar for sustained growth. Which initiative was launched in 2020 to coordinate infrastructure projects in India?

Ans ❌ 1. Digital India

❌ 2. Make in India

✅ 3. PM Gati Shakti

❌ 4. Bharatmala Pariyojana

Q.14 During the Revolt of 1857, Rani Laxmibai led the rebellion from:

Ans ❌ 1. Faizabad

❌ 2. Kanpur

❌ 3. Awadh

✅ 4. Jhansi

Q.15 Who among the following decides the allocation of portfolios among Indian state ministers?

Ans ❌ 1. Prime Minister

❌ 2. Governor

✅ 3. Chief Minister

❌ 4. Chief Justice of the High Court

Q.16 As per April 2025 announcement, CRPF decided to raise which battalion for counter terror operation in Jammu and Kashmir?

Ans ❌ 1. Garud Commando Force

❌ 2. Special Frontier Force (SFF)

❌ 3. Para (Special Forces)

✅ 4. CoBRA Battalion

Q.17 Which of the following cases CANNOT be taken up by a Lok Adalat?

Ans ✅ 1. Non-compoundable criminal offences

❌ 2. Land acquisition cases

❌ 3. Motor accident claims

❌ 4. Divorce disputes under mutual consent

Q.18 In which of the following years did Edward, Prince of Wales visit India on behalf of his father King George V, to thank the nation for the essential role it had played during the First World War?

Ans ✅ 1. 1921

❌ 2. 1920

❌ 3. 1922

❌ 4. 1925

Q.19 Which of the following countries withdrew from the OCED Global Tax Deal in January 2025?

Ans ❌ 1. Russia

❌ 2. India

✅ 3. USA

❌ 4. China

Q.20 DIGIPIN, an open-source nationwide geo-coded addressing system, is an alphanumeric code of how many characters based on latitude and longitude coordinates?

Ans
- ✗ 1. 6 characters
- ✗ 2. 8 characters
- ✗ 3. 12 characters
- ✓ 4. 10 characters

Q.21 As announced in January 2025, which Indian pharmaceutical company is set to manufacture Paracetamol domestically?

Ans
- ✗ 1. Ajanta Pharmaceuticals
- ✓ 2. Satya Deeptha Pharmaceuticals
- ✗ 3. Alkem Laboratories
- ✗ 4. Lupin

Q.22 Which of the following exercises was jointly conducted by the Indian Army and NDRF on May 2025 as a large-scale humanitarian assistance and disaster relief (HADR) simulation?

Ans
- ✗ 1. Prakampana
- ✓ 2. Raahat
- ✗ 3. Shakti
- ✗ 4. Mitra Shakti

Q.23 The International Date Line approximately follows which meridian?

Ans
- ✗ 1. 90° E
- ✓ 2. 180°
- ✗ 3. 75° W
- ✗ 4. 0°

Q.24 Which example best reflects the need for the Constitution in daily life?

Ans
- ✗ 1. Celebrating national festivals
- ✗ 2. Resolving a family dispute
- ✗ 3. Buying groceries from a local store
- ✓ 4. Class deciding rules for representation and resource sharing

Q.25 Which of the following players broke National Record in Women's 3000 m steeplechase at Doha Diamond League 2025 and qualified for the World Athletics Championships?

Ans
- ✓ 1. Parul Chaudhary
- ✗ 2. Chaitali Borekar
- ✗ 3. Garima Yadav
- ✗ 4. Ekta Pradeep Dey

Q.26 A primary goal of LPG reforms was macroeconomic stabilisation. Which indicator improved significantly post-1991 reforms?

Ans
- ✗ 1. Revenue deficit
- ✓ 2. Foreign exchange reserves
- ✗ 3. Fiscal deficit
- ✗ 4. Rural unemployment

Q.27 What is a key obligation of citizens toward fellow citizens and society?

Ans
- ✗ 1. Serve in the military automatically and responsibly
- ✓ 2. Participate morally and socially, not just legally
- ✗ 3. Pay higher taxes than others
- ✗ 4. Maintain political silence responsibly

Q.28 Seasonal unemployment is common in rural economies. Which sector in India experiences the most seasonal unemployment?

Ans
- ✗ 1. Transport
- ✗ 2. Information technology
- ✓ 3. Agriculture
- ✗ 4. Manufacturing

Q.29 What type of pressure develops over the Indian subcontinent during the summer, attracting monsoon winds?

Ans
- ✗ 1. Anti-cyclonic high over land
- ✓ 2. Low pressure over land
- ✗ 3. High pressure over land
- ✗ 4. Cyclonic high over land

Q.30 Which type of reaction is involved in the rusting of iron?

Ans
- ✗ 1. Displacement
- ✓ 2. Redox
- ✗ 3. Combination
- ✗ 4. Decomposition

Q.31 In which year was the National Disaster Response Force (NDRF) formed under the Disaster Management Act of 2005?

Ans
- ✗ 1. 2005
- ✗ 2. 2007
- ✓ 3. 2006
- ✗ 4. 2004

Q.32 Which Constitutional Amendment added the words 'Socialist', 'Secular' and 'Integrity' to the Preamble of the Indian Constitution?

Ans
- ✓ 1. 42nd Amendment
- ✗ 2. 38th Amendment
- ✗ 3. 52nd Amendment
- ✗ 4. 44th Amendment

Q.33 Who among the following was the first Indian athlete to win an Olympic gold medal?

Ans
- ✓ 1. Abhinav Bindra
- ✗ 2. Milkha Singh
- ✗ 3. Neeraj Chopra
- ✗ 4. KD Jadhav

Q.34 On May 20, 2025, the Supreme Court has made minimum how many years of legal practice mandatory for entry into the judicial service?

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

Q.35 Which of the following substances is classified as an elastomer?

Ans ✗ 1.

Tissue in Veins

✗ 2.

Tissue in Kidney

✗ 3. Tissue in Pancreas

✓ 4. Tissue of Aorta

Q.36 As in May 2025, who was the Chairman of the National Highways Authority of India (NHAI)?

Ans ✓ 1. Santosh Kumar Yadav

✗ 2. Shri Alok Deepankar

✗ 3. Vishal Chauhan

✗ 4. Anil Choudhary

Q.37 Which of the following is NOT an epigraphic record for the reign of King Harsha?

Ans ✗ 1. Banskhera Copper Plate

✗ 2. Nalanda Seals

✓ 3. Muzaffarnagar Seals

✗ 4. Aihole Inscription

Q.38 Which city hosted the inaugural World Audio Visual & Entertainment Summit (WAVES) in May 2025?

Ans ✗ 1. Bengaluru

✓ 2. Mumbai

✗ 3. Hyderabad

✗ 4. Chennai

Q.39 Who among the following was conferred with a Padma Vibhushan Award 2025 (Posthumous) in the field of literature in April 2025?

Ans ✗ 1. Shri Shekhar Kapur

✓ 2. Shri MT Vasudevan Nair

✗ 3. Dr. Duvvur Nageshwar Reddy

✗ 4. Shri Nandamuri Balakrishna

Q.40 What does CPU stand for in computer systems?

Ans ✓ 1. Central Processing Unit

✗ 2. Control Processing Unit

✗ 3. Computer Processing Unit

✗ 4. Central Program Unit

Section : **Mathematics**

Q.1 Evaluate: $(-9) - (-60) ÷ (-10) + (-2) × 7$

Ans ✗ 1. -32

✗ 2. -31

✗ 3. -28

✓ 4. -29

Q.2 The value of $\dfrac{5}{2} + \left(\dfrac{1}{1+\dfrac{3}{8}}\right) - \dfrac{5}{3}$ is

Ans
✗ 1. $\dfrac{106}{59}$

✓ 2. $\dfrac{103}{66}$

✗ 3. $\dfrac{95}{69}$

✗ 4. $\dfrac{113}{72}$

Q.3 Which of the following numbers divides 54,10,96,943?

Ans
✗ 1. 103

✓ 2. 97

✗ 3. 87

✗ 4. 107

Q.4 If $\cot^2\theta = \dfrac{1}{(1-a^2)}$, $|a| < 1$, and θ is an acute angle, then find the value of $(\sec\theta + \csc\theta \, \tan^3\theta)$.

Ans
✓ 1. $(2 - a^2)^{\frac{3}{2}}$

✗ 2. $(4 - a^2)$

✗ 3. $(a^2 - 8)$

✗ 4. $(2 - a^{\frac{3}{2}})$

Q.5 A product is marked at ₹7,500. Two successive discounts of 8% and 5% are offered. What is the final selling price?

Ans
✗ 1. ₹5,655

✓ 2. ₹6,555

✗ 3. ₹5,125

✗ 4. ₹4,525

Q.6 Simplify: $3\left(\left(\dfrac{4}{3}\right)x^2 - 24x + 18\right) - 4(x^2 + 7x - 18)$

Ans
✗ 1. 100x + 126

✓ 2. −100x + 126

✗ 3. −100x − 126

✗ 4. 100x − 126

Q.7 The selling price of 50 books is equal to the cost price of 16 books. Find the loss or gain percentage.

Ans
✗ 1. $\dfrac{100}{34}\% \ gain$

✗ 2. 68% gain

✓ 3. 68% loss

✗ 4. $\dfrac{100}{34}\% \ loss$

Q.8 In △ABC, BD ⊥ AC at D and ∠DBC = 29°. E is a point on BC such that ∠CAE = 25°. What is the measure of ∠AEB?

Ans

✖ 1. 100°

✔ 2. 86°

✖ 3. 93°

✖ 4. 90°

Q.9 An open metallic box is 60 cm long, 40 cm wide and 23 cm high. Its thickness is 3 cm. If 1 cm^3 of metal used in the box weighs 0.5 grams, find the weight (in kg) of the box.

Ans

✖ 1. 8.46

✔ 2. 9.24

✖ 3. 10.82

✖ 4. 10.42

Q.10 M and N start a business. M invests ₹39,000 more than N for 4 months and N invests for 7 months. M's share is ₹508 more than that of N, out of a total profit of ₹4,064. Find the capital contributed by M.

Ans

✖ 1. ₹70,322

✖ 2. ₹70,391

✖ 3. ₹70,243

✔ 4. ₹70,200

Q.11 On a marked price of ₹5,000, a dealer offers successive discounts of 10% and 5%. Find the selling price.

Ans

✖ 1. ₹4,320

✖ 2. ₹4,250

✖ 3. ₹4,280

✔ 4. ₹4,275

Q.12 The population of a district is 374000, out of which 165000 are males. 21% of the population is literate. If 40% males are literate, then what percentage of females are literate?

Ans

✖ 1. 8%

✔ 2. 6%

✖ 3. 7%

✖ 4. 5%

Q.13 Two pipes can fill a cistern, individually, in 16 minutes and 32 minutes, respectively. There is a pipe located at the bottom of the cistern to empty it. If all the three pipes are opened simultaneously, then the empty cistern gets filled in 12 minutes. How long will the pipe at the bottom of the tank take to empty the completely filled cistern if no other pipe is then open?

Ans

✖ 1. 192 minutes

✖ 2. 144 minutes

✖ 3. 160 minutes

✔ 4. 96 minutes

Q.14 Find the mean proportional of 490 and 10.

Ans

✔ 1. 70

✖ 2. 67

✖ 3. 68

✖ 4. 71

Q.15 Find the value of: [616 ÷ {26 + 9 × (5 − 7)}].

Ans ✗ 1. 78

✗ 2. 79

✔ 3. 77

✗ 4. 82

Q.16 The average weight (in kg) of a family of five members, whose weights are 40 kg, 49 kg, 56 kg, 74 kg, and 39 kg, is:

Ans ✗ 1. 52.6

✗ 2. 50.6

✗ 3. 53.6

✔ 4. 51.6

Q.17 A, B and C started a business investing ₹1,340, ₹1,100 and ₹2,440, respectively. If B's share in the profit earned by them is ₹814, what is the difference in the profit (in ₹) earned by A and C?

Ans ✗ 1. ₹811

✗ 2. ₹815

✗ 3. ₹816

✔ 4. ₹814

Q.18 The sum of two numbers is 84 and their L.C.M. is 120. What are the two numbers?

Ans ✗ 1. 65, 19

✔ 2. 60, 24

✗ 3. 53, 31

✗ 4. 58, 26

Q.19 The LCM of the numbers 5.1 and 0.102 is:

Ans ✗ 1. 51

✔ 2. 5.1

✗ 3. 0.51

✗ 4. 0.051

Q.20 The simple interest on a certain sum for $4\frac{1}{5}$ years at the rate of 2.5% per annum is ₹8,400.

What will be the amount payable on the same sum at the rate of 8.1% per annum simple interest in $10\frac{1}{4}$ years?

Ans ✗ 1. ₹1,46,429

✗ 2. ₹1,46,416

✔ 3. ₹1,46,420

✗ 4. ₹1,46,404

Q.21 The average price of three items of furniture is ₹ 16860. If their prices are in the ratio 3:5:7, the price of the costliest item (in ₹) is

Ans ✔ 1. 23604

✗ 2. 7868

✗ 3. 10116

✗ 4. 5620

Q.22 Amit bought some erasers at the rate of ₹150 a dozen. He sold them for ₹42 each. His profit percentage is _____%.

Ans ✅ 1. 236

❌ 2. 240

❌ 3. 234

❌ 4. 238

Q.23 What is the area (rounded off to the nearest integer) of a triangle whose three sides measure 11 cm, 15 cm and 16 cm?

Ans ✅ 1. 79 cm^2

❌ 2. 82 cm^2

❌ 3. 84 cm^2

❌ 4. 87 cm^2

Q.24 In covering a distance of 60 km, Pranay takes 6 hours more than Aman. If Pranay doubles his speed, then he would take 9 hours less than Aman. Pranay's speed is:

Ans ❌ 1. 12 km/hr

✅ 2. 2 km/hr

❌ 3. 11 km/hr

❌ 4. 9 km/hr

Q.25

By how much is 65% of 55 greater than $\frac{2}{5}$ of 15?

Ans ❌ 1. 26.75

❌ 2. 23.75

✅ 3. 29.75

❌ 4. 27.75

Q.26 5 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. 10

❌ 2. 4

❌ 3. 5

✅ 4. 6

Q.27 Find the simple interest (in ₹) on ₹1,200 at an interest rate of 4% per month for 4 months.

Ans ❌ 1. ₹16

❌ 2. ₹32

❌ 3. ₹36

✅ 4. ₹192

Q.28 The product of two consecutive natural numbers is 600. The greater of the two numbers is:

Ans ❌ 1. 31

✅ 2. 25

❌ 3. 40

❌ 4. 16

Q.29 A man riding on a bicycle at a speed of 24 km/hr crosses a bridge in 3.1 minutes. Find the length of the bridge.

Ans
✗ 1. 0.34 km

✓ 2. 1.24 km

✗ 3. 0.62 km

✗ 4. 1.64 km

Q.30 Pipe A can fill a tank in 20 hours, pipe B can fill the same tank in 25 hours and pipe C can fill the same tank in 10 hours. The time taken by them to fill the same tank if they operate together is::

Ans
✗ 1. $2\dfrac{5}{19}\,hours$

✓ 2. $5\dfrac{5}{19}\,hours$

✗ 3. $11\dfrac{5}{19}\,hours$

✗ 4. $3\dfrac{5}{19}\,hours$

Section : General Intelligence and Reasoning

Q.1 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

72 × 3 − 8 ÷ 5 + 31 = ?

Ans
✓ 1. 33

✗ 2. 35

✗ 3. 37

✗ 4. 31

Q.2 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. ICWS

✗ 2. DXRN

✓ 3. KFYU

✗ 4. NHBX

Q.3 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8147563, what will be the sum of the digits that are second from the left and second from the right?

Ans
✗ 1. 14

✗ 2. 4

✗ 3. 10

✓ 4. 6

Q.4 MJRN is related to KHPL in a certain way based on the English alphabetical order. In the same way, PMUQ is related to NKSO. To which of the given options is SPXT related, following the same logic?

Ans
✗ 1. NQRV

✗ 2. QNRV

✗ 3. NQVR

✓ 4. QNVR

Q.5 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 immediately above A. G is kept immediately above B. Only E is kept above C. Only two boxes are kept above D. G is not kept at the third position from the bottom. How many boxes are kept above G?

Ans ✗ 1. 3

✓ 2. 5

✗ 3. 4

✗ 4. 2

Q.6 I is the daughter of X. K is the son of R. X is married to Z. Z is the mother of N. F is married to R. F is the brother of X. How is X related to K?

Ans ✗ 1. Father's father

✗ 2. Mother's brother

✓ 3. Father's brother

✗ 4. Father

Q.7 Town P is to the south of Town Q. Town R is to the west of Town Q. Town S is to the west of Town R. Town T is to the north of Town S and also to the south of Town U. What is the position of Town U with respect to Town S?

Ans ✗ 1. West

✗ 2. East

✗ 3. South

✓ 4. North

Q.8 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. PS−RU

✓ 2. YB−ZF

✗ 3. EH−GJ

✗ 4. IL−KN

Q.9 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.)

300, 194
315, 209

Ans ✓ 1. 272, 166

✗ 2. 255, 159

✗ 3. 288, 180

✗ 4. 240, 124

Q.10 In a certain code language, 'LOAN' is coded as '4257' and 'NIKE' is coded as '1346'. What is the code for 'N' in the given code language?

Ans ✗ 1. 1

✗ 2. 6

✗ 3. 7

✓ 4. 4

Q.11 This question is based on the five, three-digit numbers given below.
(Left) 512 648 729 378 462 (Right)

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

What will be the resultant if the first digit of the lowest number is added to the third digit of the highest number?

Ans   ✅ 1. 12

❌ 2. 10

❌ 3. 13

❌ 4. 11

Q.12 I, J, K, L, O, P and Q are sitting around a circular table, facing the centre of the table.
P sits third to the left of K. O sits second to the left of J. Only K sits between Q and O. L is not an immediate neighbour of P.
How many people sit between I and O when counted from the right of I?

Ans   ❌ 1. One

❌ 2. Four

❌ 3. Three

✅ 4. Two

Q.13 What should come in place of the question mark (?) in the given series?

890 891 893 896 900 ?

Ans   ❌ 1. 903

❌ 2. 906

✅ 3. 905

❌ 4. 904

Q.14 Seven boxes P, Q, R, S, X, Y and Z are kept one over the other, but not necessarily in the same order. Z is kept second from the bottom. Only three boxes are kept between Z and R. X is kept at one of the positions below Z. Only S is kept between R and Y. P is kept at one of the positions above R. How many boxes are kept between Q and R?

Ans   ❌ 1. One

❌ 2. Four

✅ 3. Two

❌ 4. Three

Q.15 What should come in place of the question mark (?) in the given series?

56 58 63 73 90 ?

Ans   ❌ 1. 115

❌ 2. 112

❌ 3. 114

✅ 4. 116

Q.16 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. CXZ

❌ 2. OJL

✅ 3. ZTW

❌ 4. IDF

Q.17 In a certain code language, 'learning is lifelong' is written as 'fk mb tb' and 'is school over' is coded as 'jt mt fk'. How is 'is' coded in the given language?

Ans
- ✗ 1. jt
- ✗ 2. tb
- ✔ 3. fk
- ✗ 4. mb

Q.18 A, B, C, D, E, F and G are sitting around a circular table facing the centre. B sits third to the left of G. C sits second to the left of B. F sits to the immediate right of D. E sits to the immediate right of G. How many people sit between A and D when counted from the left of A?

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

Q.19 Bimal starts from Point Y and drives 44 km towards south. He then takes a left turn, drives 56 km, turns right and drives 37 km. He then takes a right turn and drives 23 km. He takes a right turn, drives 28 km. He then turns right, drives 38 km, turns left and drives 53 km, turns right and drives 19 km to stop 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. 90 km towards west
- ✗ 2. 87 km towards east
- ✗ 3. 92 km towards east
- ✗ 4. 84 km towards south

Q.20 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

UNA OHU IBO CVI ?

Ans
- ✗ 1. WSP
- ✔ 2. WPC
- ✗ 3. WPS
- ✗ 4. WCP

Q.21 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

DLY 15, BJW 22, ZHU 29, XFS 36, ?

Ans
- ✗ 1. VDP 41
- ✗ 2. WER 43
- ✔ 3. VDQ 43
- ✗ 4. VER 42

Q.22 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:

Some crafts are handlooms.
All shawls are handlooms.

Conclusions:

(I) Some crafts are shawls.
(II) All handlooms are shawls.

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.23 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 5 8 £ 1 7 & $ $ 7 # 4 1 8 9 @ 7 5 7 £ @ 2 & (Right)

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

Ans ✓ 1. 3

✗ 2. 5

✗ 3. 4

✗ 4. 2

Q.24 DJMS is related to FORU in a certain way based on the English alphabetical order. In the same way, LDGA is related to NILC. To which of the given options is RSVG related, following the same logic?

Ans ✗ 1. TAXI

✗ 2. TIXA

✓ 3. TXAI

✗ 4. TXSW

Q.25 Each of the digits in the number 2516984 is arranged in the ascending order from left to right. What will be the sum of the digits that are third from the left and third from the right in the new number thus formed?

Ans ✗ 1. 12

✓ 2. 10

✗ 3. 9

✗ 4. 7

Q.26 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.

ABLE - BLAE - ELBA
ITEM - TEIM - METI

Ans ✗ 1. SACK - ASCK - KACS

✗ 2. OPEN - OEPN - NEPO

✓ 3. SLOT - LOST - TOLS

✗ 4. CAME - AMCE - AMEC

Q.27 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 laptops are computers. No computer is a mobile.

Conclusions (I): No laptop is a mobile.
Conclusions (II): Some laptops are mobile.

Ans ✗ 1. Only conclusion (I) follows.

✗ 2. Both conclusions (I) and (II) follow.

✗ 3. Only conclusion (II) follows.

✓ 4. Neither conclusion (I) nor (II) follows.

Q.28 What should come in place of the question mark (?) in the given series?

191 192 196 205 221 ?

Ans ✗ 1. 231

✗ 2. 241

✗ 3. 236

✓ 4. 246

Q.29 Each of the digits in the number 5648321 is arranged in ascending order from left to right. What will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

Ans ✗ 1. 4

✗ 2. 6

✗ 3. 5

✓ 4. 8

Q.30 In a row of certain number of people facing north, Rahul is sitting 245th from the left end and 19th from the right end. What is the total number of people in that row?

Ans ✗ 1. 226

✗ 2. 236

✓ 3. 263

✗ 4. 264