रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सीईएन - 05/25 - जेई, डीएमएस, सीएमए - CEN - 05/25 - JE, DMS, CMA

Test Date	20/02/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB JE DMS CMA

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

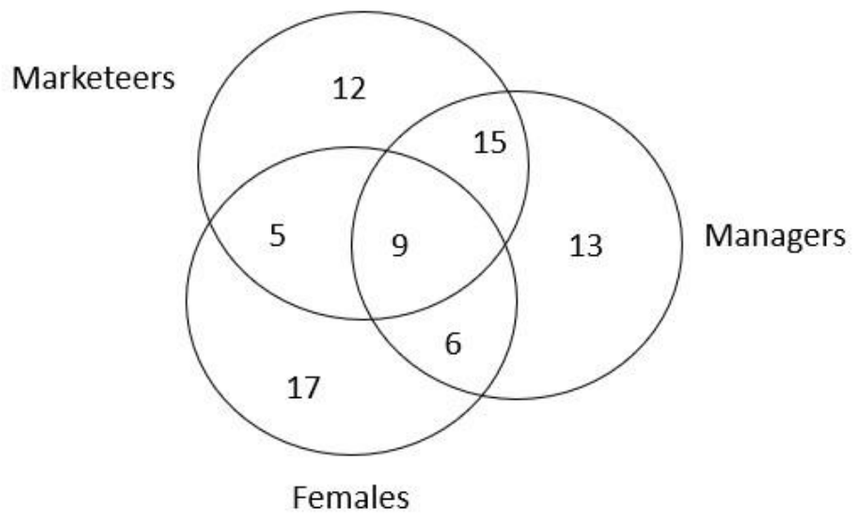
1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB JE DMS CMA**

Q.1 **Which of the following best supports the concept that matter is made-up of particles?**

Ans
✔ 1. A drop of ink spreads uniformly in water
2. Water boils at 100°C
3. Ice melts to form water
4. Metals conduct electricity

Q.2 **Study the given diagram carefully and answer the question that follows. The numbers in different sections indicate the number of persons. (NOTE: You have to take the given data to be true even if they seem to be at variance from commonly known facts.)**



How many managers are there?

Ans
1. 44
2. 42
✔ 3. 43
4. 41

Q.3 **A room heater and an electric bulb both convert electrical energy to heat, but why does only the bulb emit significant visible light?**

Ans
✔ 1. The bulb's filament reaches a higher temperature, emitting visible light
2. The heater uses magnetic effect instead of heating effect
3. The heater is made of a different material
4. The circuit design is different

Q.4 **Find the LCM of 8, 12, and 20.**

Ans

1. 180
2. 150
3. 120 ✔
4. 60

Q.5 **Which of the following statements regarding the Namo Drone Didi scheme is/are correct?**

1. It is a Central Sector Scheme for providing drones to Women Self Help Groups for the period from 2024-25 to 2025-26 with an outlay of ₹1,261 crore.
2. The scheme aims to provide drones to 15,000 selected Women Self Help Groups for providing rental services to farmers for agriculture purposes.
3. Under the scheme, Women Self Help Groups receive substantial financial assistance, covering 80% of the drone and accessory costs, up to ₹8 lakh.

Ans

1. Only 3
2. 1, 2 and 3 ✔
3. Only 2 and 3
4. Only 1 and 2

Q.6 **According to a circular issued by the Union Shipping Ministry in April 2025, what is the recalculated length of India's coastline using the new methodology of calculation?**

Ans

1. 12520.73 km
2. 11098.81 km ✔
3. 15416.6 km
4. 9516.6 km

Q.7 **What should come in place of '?' in the given series?**

145 129 113 97 81 ?

Ans

1. 64
2. 61
3. 63
4. 65 ✔

Q.8 **Which of the following is NOT correctly matched, with regard to plant and animal cells?**

Ans

1. Plastids - Absent in animal cells
2. Vacuoles - Very large and present in plant cells
3. Plastids - Present in plant cells
4. Cell wall - Present in animal cells ✔

Q.9 **The average of the first 18 positive multiples of 14 is:**

Ans

1. 18
2. 126
3. 133 ✔
4. 14

Q.10 **In a parallel combination of three resistors, which statement correctly describes the total current in the circuit?**

Ans

1. It is the average of the currents through each resistor
2. It is the same as the current through each resistor
3. It is equal to the current through the resistor with the lowest resistance
4. It is equal to the sum of the currents through each resistor ✔

Q.11 **Which of the following statements is/are correct about a non-Constitutional body, Reserve Bank of India (RBI)?**

(1) RBI performs several crucial functions like regulating and supervising the banking system, managing the currency and credit system and managing foreign exchange reserves.
(2) RBI was established on April 1, 1935 in accordance with the provisions of the Reserve Bank of India Act, 1934.
(3) The Central Office of the RBI was initially established in Kolkata but was permanently moved to Mumbai in 1937

Ans

1. (1) and (2) only
2. (1) only
3. (2) and (3) only
4. (1), (2) and (3) ✔

Q.12 Find the volume of a hemisphere, the circumference of whose base is 35.2 cm (rounded off to two places of decimals; use $\pi = \frac{22}{7}$).

Ans

1. 369.34 cm3
2. 363.56 cm3
3. 361.25 cm3
4. 367.96 cm3 ✔

Q.13 **Libia Lobo Sardesai, who was honoured with the Padma Shri In January 2025, is known for her contribution to which of the following causes?**

Ans

1. Promotion of Konkani literature
2. Women's education in coastal India
3. Goa's liberation struggle ✔
4. Environmental conservation in Western Ghats

Q.14 **A total profit of ₹14,500 is to be distributed amongst A, B, and C such that A : B = 16 : 3 and B : C = 6 : 20. The share (in ₹) of C in the profit is:**

Ans

1. 5,100
2. 5,000 ✔
3. 4,950
4. 4,850

Q.15 **Which form of nationalist protest emerged in response to the Partition of Bengal in 1905 that integrated economic, social, and political action?**

Ans

1. Pursuing constitutional agitation within legislative councils
2. Submitting petitions to the British Parliament for reversal
3. Boycotting British goods and promoting indigenous industries ✔
4. Organising armed resistance against colonial authorities

Q.16 A man, 1.8 m tall, is standing on a 1.0 m high platform near its edge, to observe the top of a building. The building is at distance of $25\sqrt{3}$ m away from the platform. The angle of elevation from his eye to the top of the building is 30°. The height (in m) of the building is:

Ans

1. 25.8
2. 27.8 ✔
3. 26.8
4. 28.8

Q.17 **Which of the following is an example of membrane bound little structures present in a cell?**

Ans
1. Cytoplasm
✔ 2. Lysosome
3. Nucleoplasm
4. Ribosome

Q.18 **Seven people, A, L, M, I, R, H and S, are sitting in a row, facing north.**
No one sits to the right of S. Only three people sit between S and H. Only two people sit between H and R. M sits third to the left of L. I sits to the immediate right of L.
How many people sit between A and R?

Ans
1. Four
2. Two
3. One
✔ 4. Three

Q.19 **A security mirror in a store is required to provide a wide field of view and always form diminished, upright images regardless of the position of objects. Which type of mirror and principle should be used for its design?**

Ans
1. Plane mirror for undistorted images
2. Concave mirror using the mirror formula for real, inverted images
3. Concave mirror for magnification
✔ 4. Convex mirror using the mirror formula for virtual, diminished images

Q.20 **A shopkeeper bought six identical mobile phones for ₹45,000. He sold two of these mobile phones for ₹42,000. Find his gain percentage.**

Ans
1. 178%
2. 179%
✔ 3. 180%
4. 181%

Q.21 **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 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.)
124, 232
107, 215

Ans
1. 178, 276
2. 153, 271
✔ 3. 136, 244
4. 181, 288

Q.22 **Which international agreement aims to limit global temperature rise below 2°C?**

Ans
✔ 1. Paris Agreement
2. Montreal Protocol
3. Kyoto Protocol
4. Rio Declaration

Q.23 **Chloroplast is present in which of the following parts of a cell?**

Ans
1. Nucleoplasm
2. Peroxisome
✔ 3. Cytoplasm
4. Endoplasmic reticulum

Q.24 Refer to the following letter, number and symbol series and answer the question that follows.

(Left) K 6 & M 4 @ R 7 ! F ^ N $ Q 8 # T @ P 9 * Y 3 & Z 2 $ L ^ W (Right)

If all the letters are dropped, which of the following will be fifth from the right?

Ans

1. &
2. 3 ✔
3. 9
4. *

Q.25 Which of the following does NOT define the motion of a pendulum swinging back and forth?

Ans

1. The pendulum exhibits accelerated motion
2. The pendulum exhibits periodic motion
3. The pendulum exhibits uniform motion ✔
4. The pendulum exhibits non-uniform motion

Q.26 The list price of a washing machine is ₹87,200. It is sold to a retailer after two successive discounts of 9% and 50%. The retailer wants to earn a profit of 25% on his cost after allowing a 48% discount (on its new list price) to the customer. At what price should he list the washing machine?

Ans

1. ₹95,375 ✔
2. ₹95,333
3. ₹95,434
4. ₹95,476

Q.27 Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

IL - GJ - DF
NQ - LO - IK

Ans

1. PS - NQ - KL
2. OS - NQ - KL
3. OS - NR - KL
4. PS - NQ - KM ✔

Q.28 The price of fuel decreases by 55%, 55% and 30% in three successive months, but increases by 50% in the fourth month. What is the percentage increase/decrease in the price of fuel in the fourth month as compared to its original price?
[Give your answer correct to two places after decimal.]

Ans

1. Decreases by 81.55%
2. Increases by 75.63%
3. Decreases by 78.74% ✔
4. Increases by 76.66%

Q.29 Diwakar starts from Point A and drives 8 km towards West. He then takes a left turn, drives 6 km, turns left and drives 11 km. He then takes a left turn and drives 9 km. He takes a final left turn, drives 3 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 degrees turns only unless specified)

Ans

1. 3 km to the south ✔
2. 2 km to the north
3. 2 km to the south
4. 3 km to the north

Q.30 **In a redox reaction, what is the role of a 'reducing agent'?**

Ans

1. It is a catalyst that speeds up the reaction.
2. It is an agent that helps other substances to be oxidized.
3. ✔ It is a substance that causes reduction and itself gets oxidized.
4. It is a substance that only participates in decomposition reactions.

Q.31 **Sujit is three times as old as his son, and his daughter is 3 years younger than the son. If the sum of the ages of these three people 3 years ago from now was 88 years, then Sujit's present age (in years) is**

Ans

1. 48
2. 66
3. 56
4. ✔ 60

Q.32 **Suman's earnings in a month are five-sevenths of Meera's. In the next month, Meera's earnings become five-eighths of Suman's previous month earnings. By what percent are Meera's current earnings less than Suman's current earnings?**

Ans

1. 20%
2. ✔ 37.5%
3. 35.5%
4. 25%

Q.33 **Which Indian actor has been officially named as 'Fit India Icon' by Union Sports Minister Mansukh Mandaviya in March 2025?**

Ans

1. Shahid Kapoor
2. ✔ Ayushmann Khurrana
3. Hrithik Roshan
4. Allu Arjun

Q.34 **Which of the following statements is correct regarding the storage of grains?**

Ans

1. Abiotic factors responsible for losses in stored grains are temperature, rodents and fungi.
2. Biotic factors responsible for losses in stored grains are insects, rodents and moisture.
3. ✔ Biotic factors responsible for losses in stored grains are insects, rodents and fungi.
4. Storage losses in agriculture produce can be very low.

Q.35 **X people were given a contract for doing a piece of work in 18 days. 2 people did not turn up to work due to sickness, and the rest of the people completed the work in 27 days. What is the value of X?**

Ans

1. ✔ 6
2. 14
3. 10
4. 2

Q.36 **The difference between compound interest, compounded annually, and simple interest for 3 years at a rate of 20% per annum is ₹256. What is the principal lent?**

Ans

1. ₹1,000
2. ✔ ₹2,000
3. ₹3,000
4. ₹4,000

Q.37 Three persons, A, B and C, took part in a 2000 m race. To reach the finish line at the same time, A can give to B a start of 500 m and to C a start of 300 m. How many metres of start can C give to B in a 3400 m race?

Ans
1. 800
2. 200
✔ 3. 400
4. 600

Q.38 If $x + \frac{1}{17x} = 3$, then the value of $17x^3 + \frac{1}{289x^3}$ is:

Ans
✔ 1. 450
2. 345
3. 435
4. 534

Q.39 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, 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.)

(13,22,2)
(4,26,15)

Ans
✔ 1. (23,43,13)
2. (13,35,14)
3. (25,8,6)
4. (1,22,5)

Q.40 Monthly income of Mohit is ₹12800 and his monthly expenditure is ₹ 4000. If his income is decreased by 25% and expenditure is decreased by ₹ 1000, then find the decrease in his monthly savings?

Ans
1. ₹ 2600
2. ₹ 2800
3. ₹ 2400
✔ 4. ₹ 2200

Q.41 What will come in the place of '?' in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

16 ÷ 2 + 22 × 2 − 8 = ? + 3

Ans
1. 28
2. 31
✔ 3. 32
4. 34

Q.42 **Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusions logically follow(s) from the given statements.**

Statements:
All rabbits are mats.
All rabbits are zebras.
All zebras are lamps.

Conclusions:
(I): All rabbits are lamps.
(II): Some zebras are mats.

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

Q.43 **Which statement is INCORRECT regarding prokaryotic organism?**

Ans
✔ 1. Nuclear region is defined
2. Primitive form of organism
3. Membrane-bound organelles are absent
4. Single chromosome is present

Q.44 **Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group.**
Which is the one that does not belong to that group?
(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
1. GFI
✔ 2. MMO
3. ZYB
4. QPS

Q.45 **Which statement best explains why blood cells are NOT found in the urine of a healthy person?**

Ans
1. They are broken down in the kidneys
✔ 2. They are too large to pass through glomerular pores
3. They are reabsorbed in tubules
4. They are filtered and returned to the blood

Q.46 **P and Q together can fill a cistern with water in 24 hours. If P alone can fill the cistern with water in 72 hours, then in how many hours will Q alone fill three-fourth of the same cistern with water?**

Ans
1. 54
2. 28
✔ 3. 27
4. 55

Q.47 **Which of the following will diffuse slowest in air?**

Ans
1. Oxygen
2. Hydrogen
3. Ammonia
✔ 4. Chlorine

Q.48 When magnesium reacts with oxygen to form magnesium oxide, which of the following statements is NOT correct?

Ans

1. Magnesium loses electrons to form Mg^{2+} ions.
2. ✔ Magnesium loses electrons to form Mg^{3+} ions.
3. The compound formed contains ionic bonds.
4. Oxygen gains electrons to form O^{2-} ions.

Q.49 The 7-digit number 57A001B is divisible by 9. What is the minimum value of (A + B)?

Ans

1. ✔ 5
2. 8
3. 3
4. 2

Q.50 What role does the earth wire play in the safety of domestic appliances with metallic bodies?

Ans

1. It controls the current flow
2. It prevents the fuse from melting
3. It increases the appliance's voltage
4. ✔ It provides a low-resistance path for leakage current

Q.51 Which combination best represents essential life processes for maintaining an individual organism?

Ans

1. ✔ Nutrition, respiration, transportation and excretion
2. Reproduction, variation, heredity and adaptation
3. Locomotion, feeding, communication and defence
4. Growth, movement, reproduction and response

Q.52 This question is based on the five, three-digit numbers given below.
(Left) 857 329 417 628 751 (Right)
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

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

Ans

1. 14
2. 17
3. ✔ 16
4. 15

Q.53 What is it called when the government sells part of its share in public sector companies to the public?

Ans

1. Nationalisation
2. Globalisation
3. ✔ Disinvestment
4. Industrialisation

Q.54 Each of B, Q, C, N, X, U and M has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. Only two people have exams before Q. Only one person has the exam after N. B has the exam before U but after Q. X has the exam immediately before C. M does not have the exam before U. How many people have exams between U and X?

Ans

1. Two
2. ✔ Three
3. One
4. Four

Q.55 **A cyclist increases her speed from 6 m/s to 12 m/s in 3 seconds on a straight road. What is her acceleration during this period?**

Ans

✔ 1. 2 m/s²

2. 3 m/s²

3. 6 m/s²

4. 0.5 m/s²

Q.56 **C, H, A, N, G and E, each have a different age. C's age is 21 years, and C is younger than H and older than A. Four people have ages less than 21 years. Only one person is younger than N. G is not the youngest. G is younger than A. Who is the youngest?**

Ans

1. N

2. G

✔ 3. E

4. A

Q.57 **Match the tobacco practice with the long-term consequences of consuming it.**

	Column A		Column B
(a)	Cigarette smoking	(i)	Oral cancer
(b)	Chewing tobacco	(ii)	Emphysema
(c)	Passive smoking	(iii)	Respiratory infections
(d)	Long-term nicotine exposure	(iv)	Cardiovascular disorders

Ans

✔ 1. a–ii, b–i, c–iv, d–iii

2. a–iv, b–ii, c–i, d–iii

3. a–ii, b–i, c–iii, d–iv

4. a–i, b–iii, c–ii, d–iv

Q.58 **A solid sphere is melted and recast into 18 identical cones, each having a base radius of 3 cm and height of 18 cm. Find the radius of the sphere.**

Ans

✔ 1. 9 cm

2. 10 cm

3. 7 cm

4. 8 cm

Q.59 **Let a and b be roots of the equation $x^2 - 7x + c = 0$, and the roots of the equation $x^2 - dx + 216 = 0$ are a^2b and b^2a. The value of d is _____.**

Ans

1. 48

✔ 2. 42

3. 45

4. 40

Q.60 **Why do wet clothes dry faster when spread out?**

Ans

1. Clothes become hotter

2. Water escapes faster due to sunlight

✔ 3. Surface area is increased

4. Water boils off

Q.61 **Simplify: 52 - {38 ÷ (4 × 7 - 9)}**

Ans

✔ 1. 50

2. 46

3. 55

4. 57

Q.62 Why is nitrogen gas used to prevent oxidation in bags containing foods such as chips?

Ans

1. Nitrogen gas makes chips crispier.
2. ✔ Nitrogen gas inhibits oxidation by replacing oxygen.
3. Nitrogen gas accelerates oxidation.
4. Nitrogen gas enhances the taste of the food.

Q.63 A is faster than B. In a 2500 m race, A gives B a start of 200 meters. A runs at 25 m/s. Who wins and by how much if B runs at 23 m/s?

Ans

1. ✔ They finish together
2. A wins by 50 meters
3. B wins by 100 meters
4. A wins by 100 meters

Q.64 O and C are respectively the orthocentre and the circumcentre of an acute angled triangle $\triangle PQR$. $\angle QCR = 138°$. A perpendicular PM is dropped from P on side QR. If $\angle PQR = 52°$, what is the degree measure of $\angle RPM$?

Ans

1. 38
2. 42
3. 69
4. ✔ 31

Q.65 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 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.)

(14, 12, 168)
(16, 13, 208)

Ans

1. ✔ (19, 11, 209)
2. (17, 13, 224)
3. (18, 14, 262)
4. (15, 14, 220)

Q.66 A cyclic compound that contains only single bonds is classified as:

Ans

1. Aliphatic
2. Aromatic
3. ✔ Saturated
4. Unsaturated

Q.67 What should come in place of the '?' in the given series, based on the English alphabetical order?

PJL OIK NHJ MGI ?

Ans

1. ✔ LFH
2. LEH
3. LFG
4. LEG

Q.68 In a certain code language,
A + B means ‘A is the daughter of B’
A – B means ‘A is the brother of B’
A x 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 K if ‘E – F + G ÷ H x K’?

Ans
✔ 1. Wife's brother
2. Wife's father
3. Brother
4. Father

Q.69 Which of the following irrigation methods leads to the least wastage of water?

Ans
1. Furrow irrigation
2. Flood irrigation
✔ 3. Drip irrigation
4. Sprinkler irrigation

Q.70 In a certain code,
'cracking lame jokes' is coded as 'kt vs fm'
'cracking colourful fireworks' is coded as 'fi ye kt'
'lame but colourful' is coded as 'vs xc ye'
(all the codes are two letter coded only)
What is the possible code for ‘fireworks lame’?

Ans
✔ 1. fi vs
2. fm ye
3. kt xc
4. fm xc

Q.71 In a certain code,
'blue pen write' is coded as 'ka tu re'
'red pen draw' is coded as 'mo tu si'
'blue brush draw' is coded as 'ka lo si'
(all the codes are two letter coded only)
What is the code for “blue pen”?

Ans
1. lo si
2. re ka
3. mo lo
✔ 4. ka tu

Q.72 MU 11 is related to OY -2 in a certain way. In the same way, PQ 10 is related to RU -3. To which of the following is UR 14 related, following the same logic?

Ans
✔ 1. WV 1
2. WW 3
3. WX 1
4. VW 3

Q.73 A device operates at 2 amperes current and 220 volts potential difference for 5 hours. How much electrical energy does it consume, expressed in kilowatt hours (kWh)?

Ans
✔ 1. 2.2 kWh
2. 0.22 kWh
3. 5 kWh
4. 1.1 kWh

Q.74 Who was honoured with the Lata Deenanath Mangeshkar Award in April 2025 for his contributions to education and nation-building?

Ans

✔ 1. Kumar Mangalam Birla

2. Alakh Pandey

3. Anand Mahindra

4. Narayana Murthy

Q.75 Why do gases exert pressure on the walls of the container?

Ans

1. Gas particles attract the container walls strongly

✔ 2. Gas particles move randomly and strike the walls

3. Gas particles stay fixed inside the container

4. Gas particles possess very low kinetic energy

Q.76 What should come in place of the question mark (?) in the given series?

6 19 45 97 201 ?

Ans

1. 400

2. 406

3. 403

✔ 4. 409

Q.77 According to the law of constant proportions, the compound in which hydrogen and oxygen are present in a fixed mass ratio of 1:8 is:

Ans

1. Methane

2. Ammonia

✔ 3. Water

4. Hydrogen peroxide

Q.78 A man bought two types of apples, one at ₹2 for 3 apples and the other at ₹6 per apple. He purchased an equal number of each type and sold all the apples at ₹6 per apple. Find his percentage profit.

Ans

1. 78%

✔ 2. 80%

3. 77%

4. 75%

Q.79

The value of $\sqrt{\left(17+\sqrt{\left((57+\sqrt{\left(45+\sqrt{\left(7+\sqrt{(81)}\right)}\right)}\right)}\right)}$ is:

Ans

1. 7

✔ 2. 5

3. 1

4. 2

Q.80 In a seminar, 5 teachers and 7 students spent money on books. The average spending of all of them together was ₹260. The average spending of the teachers alone was ₹400. Find the average spending amount of the students.

Ans

✔ 1. ₹160

2. ₹180

3. ₹120

4. ₹140

Q.81 A and B jointly start a business. The investment of A is equal to three times the investment of B. Find the share of A in the annual profit of ₹55204.

Ans

✔ 1. ₹41,403

2. ₹40,403

3. ₹43,403

4. ₹42,403

Q.82 A low platelet count may lead to _____.

Ans

1. Anemia

✔ 2. Excessive bleeding

3. Fever

4. Infection

Q.83 An object is placed on a shelf 2 m above the ground. If the shelf is raised to 4 m, what happens to the potential energy of the object?

Ans

✔ 1. The potential energy doubles

2. The potential energy remains the same

3. The potential energy halves

4. The potential energy triples

Q.84 H is the brother of A. R is the sister of K. P is the son of K. K is the wife of A. How is P related to H?

Ans

1. Sister's son

✔ 2. Brother's son

3. Father's son

4. Brother

Q.85 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements carefully and decide the appropriate answer.

Six people, A, B, C, D, E and F, are sitting in a straight line facing north. How many people sit to the right of D?
I: No one sits to the right of F. Only two people sit between F and B.
II: D sits to the immediate left of F. E sits to the immediate left of B.

Ans

1. Data in Statement I alone is sufficient to answer the question while data in statement II is not

2. Data in Statement II alone is sufficient to answer the question while data in statement I is not

✔ 3. Data in both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question

4. Data in both statements I and II together are NOT sufficient to answer the question

Q.86 Which of the following rivers originates from the Amarkantak Plateau?

Ans

✔ 1. Narmada

2. Godavari

3. Mahanadi

4. Krishna

Q.87 Refer to the following letter, number and symbol series and answer the question that follows.

(Left) % P N G @ 8 7 % 6 # $ * L C T 1 @ # 2 Z 8 E 9 (Right)

If all the numbers are dropped from the series, which of the following will be fifth from the right?

Ans
1. @
2. #
3. Z
✔ 4. T

Q.88 The length of a rectangular field is 34 m more than its breadth. Its area is 5040 m^2. Its breadth (in m) is:

Ans
1. 37
✔ 2. 56
3. 44
4. 54

Q.89 David has borrowed an amount of ₹440000 from a bank to start a business. How much simple interest (in ₹) will he pay at a rate of 6% per annum after 2 years?

Ans
✔ 1. 52800
2. 54800
3. 53800
4. 51800

Q.90 Which of the following provisions in the Indian Constitution deals with the duty of the State to separate the judiciary from the executive?

Ans
1. Article 51
✔ 2. Article 50
3. Article 44
4. Article 48A

Q.91 The harmonic mean of 4, 8 and 16 is (Rounded off to four decimal places)

Ans
1. 6.5871
2. 6.5817
3. 6.8517
✔ 4. 6.8571

Q.92 Which of the following days was observed on 21st May 2025?

Ans
1. National Human Rights Day
2. National Voters Day
✔ 3. National Anti-terrorism day
4. Indian Navy Day

Q.93 Which property correctly distinguishes liquids from solids?

Ans
1. Liquids cannot diffuse into other substances
2. Liquids are completely incompressible in nature
3. Liquids have fixed shape but no fixed volume
✔ 4. Liquids have fixed volume but no fixed shape

Q.94 The following data represents the number of goals scored by a football team in 10 matches.

2, 3, 1, 4, 2, 5, 2, 3, 2, 4

The mode of the above data is x. If one more match is played, and the team scores 3 goals, what will be the difference between the previous mode and the new mode?

Ans

1. 1
2. 3
3. 2
4. 0 ✔

Q.95 A ball initially at rest is dropped from a height and takes 5 seconds to reach the ground. What is the average speed during its fall? ($g = 10\ m/s^2$)

Ans

1. 20 m/s
2. 10 m/s
3. 50 m/s
4. 25 m/s ✔

Q.96 Seven boxes B, C, D, P, Q, R and S are kept one over the other but not necessarily in the same order. Only three boxes are kept above B. Only one box is kept between P and B. Only three boxes are kept between P and R. R is kept at some place above B. D is kept immediately below R. Q is kept at one of the places above S. C is not kept immediately above or below P. Which box is kept at the lowermost position?

Ans

1. P
2. S ✔
3. C
4. R

Q.97 What was the name of the headquarters of the Ghadar Party?

Ans

1. Bharat Ashram
2. Hindustan Ashram
3. Yugantar Ashram ✔
4. Azad Ashram

Q.98 Which company developed India's first indigenous surgical robotic system that recently performed two world-first robotic cardiac telesurgeries with an ultra-low latency of just 35–40 milliseconds?

Ans

1. Intuitive Surgical India
2. Medtronic India
3. SS Innovations ✔
4. Siemens Healthineers India

Q.99 Which of the following is a musical instrument that consists of a set of glass, metal or clay bowls, each having varying levels of water?

Ans

1. Sitar
2. Jaltarang ✔
3. Shehnai
4. Sarod

Q.100 When a light ray enters a rectangular glass slab obliquely from air, what happens to its direction at the first interface?

Ans

1. It bends away from the normal
2. It travels straight
3. It bends towards the normal ✔
4. It gets reflected back