

RRB Technician G-III Exam Day Based paper 6 Oct 2026

Q1. The price of a laptop increases by 20% in the first year and again by 10% in the second year. If the original price was ₹50,000, find the final price after two years.

- (a) ₹65,000
- (b) ₹66,000
- (c) ₹68,000
- (d) ₹67,000

Ans.(b)

Q2. The diagonals of a rectangle PQRS meet at O. If $\angle QOR = 36^\circ$, then find $\angle OPS$.

- (a) 144°
- (b) 72°
- (c) 108°
- (d) 54°

Ans.(b)

Q3. The sum of the modes of the data sets $\{1, 7, 3, 7, 3, x\}$ and $\{4, 8, 9, 8, 4, y\}$ is 11. If $x > y$, then find the possible correct relation between x and y.

- (a) $x - y = 5$
- (b) $x - y = 3$
- (c) $x + y = 10$
- (d) $x + y = 9$

Ans.(b)

Q4. Pipe A can fill a tank in 6 hours, pipe B can fill the same tank in 36 hours and pipe C can fill the same tank in 18 hours. The time taken (in hours) by them to fill one-fourth of the same tank if they operate together is:

- (a) 2
- (b) 1
- (c) 3
- (d) 4

Ans.(b)

Q5. In a circular race of length 1530 m, Shahrukh and Amir start simultaneously from the same point and run in the same direction. Shahrukh completes one round in 85 seconds, while Amir completes one round in 90 seconds. How many different meeting points are there on the circumference of the track?

- (a) 1
- (b) 35
- (c) 11
- (d) 2

Ans.(a)



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Q6. What is the compound interest on ₹3,000 for 2 years at 20% per annum, interest compounded annually?

- (a) ₹1,200
- (b) ₹1,300
- (c) ₹1,440
- (d) ₹1,320

Ans.(d)

Q7. If $\cos A = \frac{4}{5}$, find the value of $\frac{\sin^2 A - 5\cos^2 A + \sec^2 A}{\tan^2 A}$

- (a) -451/225
- (b) 23/225
- (c) 109/225
- (d) -511/225

Ans.(d)

Q8. The marked price of a refrigerator is ₹4,884. The shopkeeper allows a discount of 10% and gains 8%. If no discount is allowed, his gain percentage would be:

- (a) 20%
- (b) 40%
- (c) 30%
- (d) 10%

Ans.(a)

Q9. The marked price of a machine is ₹16,000. The shopkeeper gives two successive discounts of 15% and N% to the customer. If the customer paid ₹12,240 for the machine, the value of N is:

- (a) 12.5%
- (b) 15%
- (c) 10%
- (d) 13.5%

Ans.(c)

Q10. The 7-digit number 92A224B is divisible by 3. What is the minimum value of (A + B)?

- (a) 1
- (b) 3
- (c) 2
- (d) 6

Ans.(c)

Q11. If the median of a data is 46.36 less than its mode, then the median of the data exceeds its mean by _____. (Use the empirical formula)

- (a) 20.83
- (b) 23.18
- (c) 19.14
- (d) 18.76

Ans.(b)

Q12. Eight years ago, the age of Mr Gupta was four times that of his nephew, Rohit. After 6 years, Mr Gupta's age will be twice that of Rohit. Find the present age of Mr Gupta.

- (a) 42 years
- (b) 36 years
- (c) 38 years
- (d) 40 years

Ans.(b)

Q13. The area of a square is $81x^2 + 72x + 16$. Find the measure of each side of the square, where $x > 0$.

- (a) $9x + 2$
- (b) $\left(\frac{9x}{2} + 2\right)$
- (c) $2\left(\frac{9x}{2} + 2\right)$
- (d) $2\left(\frac{9x}{2} + 1\right)$

Ans.(c)

Q14. The compound interest (in ₹, rounded off to the nearest tens) on ₹12,000 at the rate of 10% per annum for 1.5 years, if interest is compounded half-yearly, is:

- (a) 1,870
- (b) 1,890
- (c) 1,970
- (d) 1,980

Ans.(b)

Q15. The mean proportional of 0.15 and 0.000135 is ____.

- (a) 0.00045
- (b) 0.045
- (c) 0.0045
- (d) 0.000045

Ans.(c)

Q16. Aman covers a certain distance between his house and his office on a scooter. At an average speed of 30 km/h, he is late by 10 min. However, at a speed of 40 km/h he reaches his office 5 min earlier. Find the distance between his house and his office.

- (a) 30 km
- (b) 35 km
- (c) 20 km
- (d) 40 km

Ans.(a)

Q17. The difference in simple interest on a sum of money invested at 4% per annum for five years and for three years is ₹784. Find the simple interest (in ₹) on the same sum invested at the same rate of interest for eight years.

- (a) 3136
- (b) 2352
- (c) 3920
- (d) 4144

Ans.(a)

Q18. The distance between the centres of two circles having radii 11 cm and 5 cm, is 10 cm. The length of the direct common tangent of the two circles is:

- (a) 12 cm
- (b) 8 cm
- (c) 4 cm
- (d) 16 cm

Ans.(b)

Q19. In a business, P invests ₹2,00,000 for 8 months, Q invests ₹1,50,000 for 9 months and R invests ₹1,20,000 for some complete months. After a year, out of the profit, R gets a higher profit amount than Q but less than P. If R gets ₹72,000 as profit, then the profit of P is ₹_____.

- (a) 80,000
- (b) 90,000
- (c) 1,00,000
- (d) 1,20,000

Ans.(a)

Q20. Priya invested ₹3200 in a bank at a simple interest rate of 12% per annum. If she kept her money in the bank for 5 years, what will be the total interest earned?

- (a) ₹1910
- (b) ₹1930
- (c) ₹1920
- (d) ₹1940

Ans.(c)

Q21. Evaluate:

$$22^3 + (-6)^3 + (-16)^3$$

- (a) 6127
- (b) 6147
- (c) 6336
- (d) 6099

Ans.(c)

Q22. A metallic sphere of radius 6 units is melted and recast into 27 smaller identical spheres. Find the ratio of the surface area of the larger sphere to the sum of the surface areas of all the smaller spheres.

- (a) 2:3
- (b) 1:4
- (c) 2:5
- (d) 1:3

Ans.(d)

Q23. The value of $\tan^2\theta + \cot^2\theta - \sec^2\theta \operatorname{cosec}^2\theta + 2$ is:

- (a) -1
- (b) 0
- (c) 1
- (d) 2

Ans.(b)

Q24. How many positive integers less than 30 are co-prime to 30?

- (a) 7
- (b) 5
- (c) 6
- (d) 8

Ans.(d)

Q25. A, B and C can do a piece of work in 3, 12 and 12 days, respectively. How long (in days) will they take to do twice the same work, working together?

- (a) 12
- (b) 8
- (c) 5
- (d) 4

Ans.(d)

Q26. What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$215 - 147 \div 110 + 1604 \times 4 = ?$$

- (a) 18588
- (b) 15984
- (c) 14948
- (d) 19584

Ans.(b)

Q27. In a certain code language,

A + B means 'A is the daughter of B'

A - B means 'A is the brother of B'

A × B means 'A is the wife of B'

$A \div B$ means 'A is the father of B'

Based on the above, how is E related to K if ' $E - F + G \div H \times K$ '?

- (a) Wife's brother
- (b) Wife's father
- (c) Brother
- (d) Father

Ans.(a)

Q28. If 'A' stands for ' $\div$ ', 'B' stands for ' $\times$ ', 'C' stands for ' $+$ ' and 'D' stands for ' $-$ ', what will come in place of the question mark '?' in the following equation?

$$4 \text{ B } 5 \text{ D } 20 \text{ A } 2 \text{ C } 17 = ? \text{ D } 3$$

- (a) 50
- (b) 35
- (c) 20
- (d) 30

Ans.(d)

Q29. In a row of 35 people facing the north, Geeta is 15th from the right end. If Nalini sits 14th to the left of Geeta, what is Nalini's position from the left end of the row?

- (a) 9th
- (b) 7th
- (c) 4th
- (d) 5th

Ans.(b)

Q30. Town X is to the south of Town Y. Town Z is to the west of Town X. Town P is to the north of Town Z. Town Q is to the east of Town P. Town Y is to the north-west of Town Q. What is the position of Town X with respect to Town Q?

- (a) North-east
- (b) North-west
- (c) South-east
- (d) South-west

Ans.(d)

Q31. Mr. Vasu starts from Point A and drives 25 km towards the West. He then takes a left turn, drives 15 km, turns left and drives 51 km. He then takes a left turn, drives 28 km, turns left and drives 14 km. He then takes a left turn and drives 6 km. He takes a final right turn, drives 12 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-degree turns only unless specified.)

- (a) 10 km to the East
- (b) 7 km to the South
- (c) 9 km to the West
- (d) 8 km to the North

Ans.(b)

Q32. Seven people, T, E, A, R, I, N and G, are sitting in a row, facing north. Only three people sit to the left of R. Only G sits to the right of E. Only three people sit between E and A. I sits at some place to the left of T but at some place to the right of N. How many people sit between N and T?

- (a) Three
- (b) Two
- (c) Four
- (d) One

Ans.(a)

Q33. 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?

- (a) Sister's son
- (b) Brother's son
- (c) Father's son
- (d) Brother

Ans.(b)

Q34. In this question, a group of number/symbol is coded using letter codes as per the codes given below and the conditions which follow. The correct combination of codes following the conditions is your answer. If none of the conditions follow, then codes for the respective Number/Symbol to be followed directly as given in the table.

NUMBER/SYMBOL	7	\$	8	6	&	#	3	+	5	4	2	9	@	*
CODE	A	E	R	T	H	U	K	L	P	Z	C	V	N	Q

- A. If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
- B. If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©
- C. If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?

7 4 9 @ \$

- (a) A Z Z R E
- (b) E Z Z N E
- (c) A V Z N E
- (d) A Z Z N E

Ans.(d)

Q35. What should come in place of the question mark (?) in the given series?

6, 19, 45, 97, 201, ?

- (a) 400
- (b) 406
- (c) 403
- (d) 409

Ans.(d)

Q36. If '+' means '-', '-' means '×', '×' means '÷', '÷' means '+', then what will come in place of the question mark (?) in the following equation?

$18 - 3 \div 9 + 15 \times 3 = ?$

- (a) 49
- (b) 50
- (c) 58
- (d) 57

Ans.(c)

Q37. In a certain code language, 'MOPS' is coded as '5863' and 'POEM' is coded as '8765'. What is the code for 'E' in the given code language?

- (a) 6
- (b) 8
- (c) 7
- (d) 5

Ans.(c)

Q38. R, E, A, D, I, N and G are sitting around a circular table, facing the centre of the table. Only two people sit between R and G when counted from the right of R. Only three people sit between D and N when counted from the right of N. G sits to the immediate right of N. A sits to the immediate right of I. Who sits fourth to the right of E?

- (a) R
- (b) A
- (c) N
- (d) G

Ans.(b)

Q39. HEGK is related to DBEJ in a certain way based on the English alphabetical order. In the same way, ILNP is related to EILO. To which of the following is FMRT related, following the same logic?

- (a) AIOS
- (b) DLRS
- (c) CKQS
- (d) BJPS

Ans.(d)

Q40. All 37 students in a class are standing in a row facing north. Nisha is 13th from the left end while Manasa is 15th from the right end. How many people stand between Nisha and Manasa?

- (a) 9
- (b) 10
- (c) 7
- (d) 12

Ans.(a)

Q41. R, E, A, D, I, N and G are sitting around a circular table, facing the centre of the table. D sits third to the left of R. A sits second to the left of G. Only R sits between I and A. E is not an immediate neighbor of D.

How many people sit between N and A when counted from the right of N?

- (a) Two
- (b) Four
- (c) One
- (d) Three

Ans.(a)

Q42. What should come in place of '?' in the given series?

145, 129, 113, 97, 81, ?

- (a) 64
- (b) 61
- (c) 63
- (d) 65

Ans.(d)

Q43. In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

WQK, AUO, EYS, ICW, MGA, QKC

- (a) ICW
- (b) QKC
- (c) MGA
- (d) EYS

Ans.(b)

Q44. What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$123 \div 4 - 4277 \times 7 + 54 = ?$$

- (a) 1140
- (b) 1103
- (c) 1023
- (d) 1049

Ans.(d)

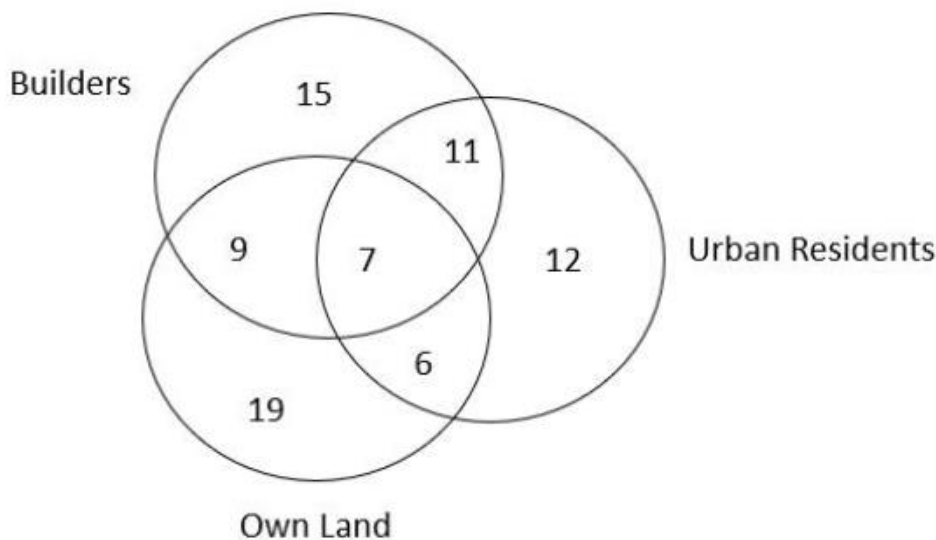
Q45. Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster.)

- (a) RF – NB
- (b) MJ – IF
- (c) UG – QC
- (d) PT – LG

Ans.(d)

Q46. 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 builders are urban residents and own land?

- (a) 11
- (b) 6
- (c) 7
- (d) 9

Ans.(c)

Q47. In a certain code language, 'DOLT' is coded as '4963' and 'LOTS' is coded as '6435'. What is the code for 'S' in the given code language?

- (a) 6
- (b) 5
- (c) 4
- (d) 3

Ans.(b)

Q48. SGYU is related to UJAX in a certain way based on the English alphabetical order. In the same way, ASGG is related to CVIJ. To which of the following options is GBMP related, following the same logic?

- (a) SOMK
- (b) IEOS
- (c) SOMI
- (d) EIKO

Ans.(b)

Q49. D, R, A, W and S have different marks. Only one person has scored between A and R. Only one person has scored between R and W. S has scored more than R and W. How many people have scored less than D?

- (a) One
- (b) Two
- (c) Four
- (d) Three

Ans.(a)

Q50. What should come in place of '?' in the given series based on the English alphabetical order?
MFJ, JCG, GZD, DWA, ?

- (a) AKR
- (b) ATZ
- (c) ATX
- (d) ASY

Ans.(c)

Q51. Which of the following statements is/are correct regarding the atomic number of an element?

Statement I: The atomic number of an element represents the number of protons present in the nucleus of an atom.

Statement II: The atomic number of an element represents the number of neutrons present in the nucleus of an atom.

- (a) Neither statement I nor II is correct.
- (b) Only statement I is correct.
- (c) Only statement II is correct.
- (d) Both statements I and II are correct.

Ans.(b)

Q52. Which of the following is an example of a displacement reaction

- (a) $\text{CaCO}_3 \rightarrow \text{CaO} + \text{CO}_2$
- (b) $\text{AgNO}_3 + \text{NaCl} \rightarrow \text{AgCl} + \text{NaNO}_3$
- (c) $\text{Fe} + \text{CuSO}_4 \rightarrow \text{FeSO}_4 + \text{Cu}$
- (d) $2\text{H}_2 + \text{O}_2 \rightarrow 2\text{H}_2\text{O}$

Ans.(c)

Q53. Which of the following changes represents an oxidation process

- (a) $\text{Cu}^{2+} + 2\text{e}^- \rightarrow \text{Cu}$
- (b) $\text{Fe}^{2+} \rightarrow \text{Fe}^{3+} + \text{e}^-$
- (c) $\text{Cl}_2 + 2\text{e}^- \rightarrow 2\text{Cl}^-$
- (d) $\text{O}_2 + 4\text{e}^- \rightarrow 2\text{O}^{2-}$

Ans.(b)

Q54. Consider the following reactions:

- (I) $\text{CaCO}_3[\text{s}] \xrightarrow{\text{Heat}} \text{CaO}[\text{s}] + \text{CO}_2[\text{g}]$
- (II) $2\text{AgCl}[\text{s}] \xrightarrow{\text{Sunlight}} 2\text{Ag}[\text{s}] + \text{Cl}_2[\text{g}]$
- (III) $2\text{H}_2\text{O}[\text{l}] \xrightarrow{\text{Electric current}} 2\text{H}_2[\text{g}] + \text{O}_2[\text{g}]$
- (IV) $\text{Fe}[\text{s}] + \text{CuSO}_4[\text{aq}] \rightarrow \text{FeSO}_4[\text{aq}] + \text{Cu}[\text{s}]$

Which of the above reactions correctly represent decomposition reactions?

- (a) Only I, II and III reactions
- (b) Only II and III reactions
- (c) Only I and II reactions
- (d) Only III and IV reactions

Ans.(a)

Q55. The pair of compounds that are functional isomers is:

- (a) Ethanol and dimethyl ether
- (b) Propanoic acid and ethyl acetate
- (c) Acetone and propanal
- (d) 1-Butene and 2-Butene

Ans.(a)

Q56. Compounds of carbon containing carbon-carbon double bond are known as:

- (a) alkynes
- (b) alkanes
- (c) unsaturated compounds
- (d) saturated compounds

Ans.(c)

Q57. A new Carbon–Carbon bond formation is possible in

- (a) Clemmensen Reduction
- (b) Wurtz Reaction
- (c) Friedel–Craft Reaction
- (d) Cannizzaro's Reaction

Ans.(b)

Q58. Generally, the valency of electropositive elements is:

- (a) 2,1,0
- (b) 4,3,2

(c) 1,2,3

(d) 0,1,2

Ans.(c)

Q59. Variable valency is exhibited by_____.

(a) Valence elements

(b) Transition element

(c) Group elements

(d) Alkaline elements

Ans.(b)

Q60. What is the chemical name of washing soda?

(a) Sodium bicarbonate

(b) Sodium carbonate decahydrate

(c) Calcium carbonate

(d) Sodium chloride

Ans.(b)

Q61. What is the chemical formula of Plaster of Paris?

(a) $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$

(b) $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$

(c) CaCO_3

(d) CaO

Ans.(b)

Q62. Match List-I with List-II:

List-I	List-II
[A] Baking soda	[I] Sodium chloride
[B] Common salt	[II] Sodium bicarbonate
[C] Laughing gas	[III] Methyl alcohol
[D] Spirit	[IV] Nitrous oxide

Choose the correct answer from the options given below:

(a) [A]-[II]; [B]-[IV]; [C]-[I]; [D]-[III]

(b) [A]-[II]; [B]-[I]; [C]-[IV]; [D]-[III]

(c) [A]-[IV]; [B]-[I]; [C]-[II]; [D]-[III]

(d) [A]-[I]; [B]-[III]; [C]-[II]; [D]-[IV]

Ans.(b)

Q63. Which of the following statements correctly distinguishes a compound from a solution?

(a) A compound has a variable composition, while a solution has a fixed composition.

(b) A compound has a fixed composition and properties distinct from its constituent elements, unlike a solution.

(c) Both compound and solution are always homogeneous and chemically bonded.

(d) A compound can be separated into its components by physical methods, while a solution cannot.

Ans.(b)

Q64. Which of the following is true for suspension?

a. Suspension is a heterogeneous mixture.

b. The particles of a suspension scatter a beam of light passing through it.

c. The particles of a suspension can be seen by the naked eye.

(a) Only a and c

(b) Only a and b

(c) Only a

(d) a, b and c

Ans.(d)

Q65. Consider the following statements regarding a velocity-time graph.

I. The slope of a velocity-time graph represents acceleration.

II. The area under a velocity-time graph represents displacement.

III. A horizontal velocity-time graph indicates zero acceleration.

Which of the statements given above is/are correct?

(a) I and II

(b) II and III

(c) I and III

(d) I, II and III

Ans.(d)

Q66. Which of the following graphs are straight lines?

A. Distance - time graph of a body at rest B. Velocity - time graph of a body moving with uniform acceleration C. Distance - time graph of a body moving with uniform acceleration D. Velocity - time graph of a body at rest

Choose the correct option:

(a) A, B and D

(b) A, B and C

(c) C and D

(d) A and B

Ans.(a)

Q67. Consider the following statements regarding a distance-time graph.

I. The slope of a distance-time graph represents speed.

II. A horizontal distance-time graph indicates that the object is at rest.

III. A steeper graph indicates greater speed.

Which of the statements given above is/are correct?

(a) I and II

(b) II and III

- (c) I and III
(d) I, II and III

Ans.(d)

Q68. A ray of light passes from glass into air. Which of the following statements correctly describes the change in its velocity, wavelength and frequency?

- (a) Velocity increases, wavelength increases, and frequency remains unchanged
(b) Velocity decreases, wavelength decreases, and frequency remains unchanged
(c) Velocity increases, wavelength decreases, and frequency increases
(d) Velocity decreases, wavelength increases, and frequency remains unchanged

Ans.(a)

Q69. A convex lens produces a magnification of -3 for an object placed at 1.5 m from the lens. Find the image distance (with correct sign).

- (a) -4.5 m
(b) 4.5 m
(c) 0.5 m
(d) -0.5 m

Ans.(b)

Q70. A concave mirror of focal length 15 cm forms an image of an object placed 30 cm in front of it. Find nature and position of image.

- (a) Real image at 30 cm
(b) Real image at 15 cm
(c) Virtual image at 30 cm
(d) Virtual image at 15 cm

Ans.(a)

Q71. A bus sets for a journey and comes back after 2 days covering 4400 km. Its average velocity is _____.

- (a) 2200 m/s
(b) 0 m/s
(c) 100 m/s
(d) 2200 km/day

Ans.(b)

Q72. The velocity of an object at time t_1 is v_1 , and at time t_2 , it becomes v_2 . The average acceleration of the object in that time-interval is:

- (a) $v_2 / (t_2 - t_1)$
(b) $(v_2 - v_1) / (t_2 - t_1)$
(c) $(v_2 - v_1) / t_2$
(d) v_2 / t_2

Ans.(b)

Q73. Which of the following statements is correct about the equations of motion?

1. The first equation of motion relates final velocity, initial velocity, acceleration, and time.
2. The second equation of motion relates displacement, initial velocity, acceleration, and time.

- (a) Only Statement 1 is correct
- (b) Only Statement 2 is correct
- (c) Both Statement 1 and 2 are correct
- (d) Neither Statement 1 nor 2 is correct

Ans.(c)

Q74. Which among the following is an example of double class 1 lever?

- (a) Scissors
- (b) Wheelbarrow
- (c) Broom
- (d) Nut cracker

Ans.(a)

Q75. An electric lamp of 30Ω resistance and a conductor of 6Ω resistance are connected in series to a 6V battery. The total resistance of the circuit is:

- (a) 42Ω
- (b) 36Ω
- (c) 30Ω
- (d) 24Ω

Ans.(b)

Q76. Sonic boom is produced when a source of sound travels at a speed:

- (a) Greater than the speed of sound
- (b) Greater than the speed of light
- (c) Lesser than the speed of sound
- (d) Equal to the speed of sound

Ans.(a)

Q77. What do we call the lasting of sound caused by repeated reflections?

- (a) Reverberation
- (b) Quality
- (c) Echo
- (d) Resonance

Ans.(a)

Q78. Which feature most directly distinguishes meristematic tissue from permanent tissue in plants?

- (a) Meristematic cells generally have dense cytoplasm and actively undergo cell division
- (b) Meristematic cells always contain large intercellular spaces

- (c) Meristematic cells are usually dead at maturity
(d) Meristematic cells have no nucleus and cannot divide

Ans.(a)

Q79. Consider the following statements regarding different types of animal tissues:

- 1 Epithelial tissue has tightly packed cells with minimal intercellular space.
- 2 Connective tissue always lacks an extracellular matrix.
- 3 Muscular tissue is responsible for movement through contraction.
- 4 Nervous tissue transmits electrical impulses for coordination.

Which of the above statements are correct?

- (a) 1, 3 and 4 only
(b) 1 and 2 only
(c) 2 and 4 only
(d) 1, 2, 3 and 4

Ans.(a)

Q80. The tissue that stores fat is called:

- (a) connective tissue
(b) areolar tissue
(c) epithelial tissue
(d) adipose tissue

Ans.(d)

Q81. What is the difference between angiosperms and gymnosperms?

1. Angiosperm are flowering plants whereas gymnosperms are non-flowering plants.
2. Angiosperms seeds are enclosed in the fruit whereas gymnosperm have bare seeds.
3. Angiosperms are evergreen in nature whereas gymnosperms are seasonal in nature

How many of the above statements are correct?

- (a) Only one
(b) Only two
(c) All three
(d) None

Ans.(b)

Q82. Consider the following statements with reference to Amoeba:

1. It is a single-celled organism found in water bodies.
2. Amoeba constantly changes its shape and position.
3. The cell of an Amoeba has a cell membrane, a rounded dense nucleus, and many bubble-like vacuoles in its cytoplasm.

Which of the statements given above is/are correct?

- (a) Only 1 and 2
(b) Only 2 and 3
(c) Only 3

(d) 1, 2 and 3

Ans.(d)

Q83. A neuron receives nerve impulse from another neuron through ____.

- (a) Cell body
- (b) Synapse
- (c) Axon
- (d) Dendrite

Ans.(d)

Q84. In which of the following situations of blood group of parents, AB- blood group is not possible among offspring?

- (A) Father with B and Mother with AB blood group.
- (B) Father with O and Mother with AB blood group.
- (C) Father with A and Mother with B blood group.

Select the correct answer from the options given below:

- (a) (A) and (B) of the above
- (b) Only (B) of the above
- (c) Only (C) of the above
- (d) (B) and (C) of the above

Ans.(b)

Q85. In humans, blood circulation follows a double circulatory path. The deoxygenated blood from the body enters the (1} _____, then moves into the (2} _____ and is pumped to the lungs. After oxygenation, the blood returns to the (3} _____ and is finally pumped out through the (4} _____ to supply the body.

- (a) (1} right atrium, (2} right ventricle, (3} left atrium, (4} left ventricle
- (b) (1} left atrium, (2} left ventricle, (3} right atrium, (4} right ventricle
- (c) (1} right ventricle, (2} right atrium, (3} left ventricle, (4} left atrium
- (d) (1} left ventricle, (2} left atrium, (3} right ventricle, (4} right atrium

Ans.(a)

Q86. The hormone that increases water reabsorption in kidney tubules is:

- (a) Aldosterone
- (b) Insulin
- (c) Thyroxine
- (d) ADH {Vasopressin}

Ans.(d)

Q87. Among the following, which structure is cup shaped at one end of coiled tube in kidney?

- (a) Collecting duct
- (b) Loop of Henley
- (c) Bowman's capsule

(d) Glomerulus

Ans.(c)

Q88. Wheat rust disease is caused by:

- (a) Bacterium
- (b) Fungus
- (c) Alga
- (d) Virus

Ans.(b)

Q89. Match List-I with List-II

List-I Disease List-II Causal Organism

- a. Filariasis I. Haemophilus influenzae
- b. Pneumonia II. Plasmodium
- c. Malaria III. Salmonella
- d. Typhoid IV. Wuchereria

Choose the most appropriate answer from the options given below:

- (a) a-I, b-III, c-II, d-IV
- (b) a- II, b- III, c- IV, d - I
- (c) a- IV, b-I, c- II, d - III
- (d) a-I, b-IV, c-III, d-II

Ans.(c)

Q90. Identify the correct pairing between a plant hormone and its primary physiological function:

- (a) Gibberellin - Stimulating cell division in roots
- (b) Ethylene - Ripening of fruits
- (c) Cytokinin - Initiating abscission of leaves
- (d) Auxin - Promoting seed dormancy

Ans.(b)

Q91. What is India's rank in the Climate Change Performance Index (CCPI) 2026?

- (a) 33rd
- (b) 13th
- (c) 23rd
- (d) 10th

Ans.(c)

Q92. Which of the following statements is/are correct regarding the Energy Transition Index (ETI) 2026 released by the World Economic Forum?

- 1. India improved its ranking to 70th position in ETI 2026.
- 2. Sweden topped the ETI 2026 rankings.
- 3. The ETI is published by the World Economic Forum in collaboration with Accenture.
- 4. Finland and Denmark secured the second and third positions respectively.

- (a) 1 and 2 only
- (b) 2, 3 and 4 only
- (c) 1, 3 and 4 only
- (d) 1, 2, 3 and 4

Ans.(d)

Q93. Which of the following statements is/are correct regarding World Press Freedom Day 2026?

1. It is observed annually on May 3 to promote freedom of expression.
2. The day was proclaimed by the United Nations General Assembly in 1993.
3. The 2026 theme was "Shaping a Future at Peace".
4. India ranked 1st in the World Press Freedom Index 2026.

- (a) 1, 2 and 3 only
- (b) 1 and 4 only
- (c) 2 and 3 only
- (d) 1, 2, 3 and 4

Ans.(a)

Q94. Which country's airport ranked first in the Skytrax World Airport Awards 2026?

- (a) UAE
- (b) Japan
- (c) Singapore
- (d) Qatar

Ans.(c)

Q95. What was the theme of International Women's Day 2026 celebrated on 8 March 2026?

- (a) DigitALL: Innovation and Technology for Gender Equality
- (b) Gender Equality Today for a Sustainable Tomorrow
- (c) Women in Leadership: Achieving an Equal Future
- (d) Rights. Justice. Action. For ALL Women and Girls

Ans.(d)

Q96. What is the theme of International Yoga Day 2026?

- (a) Yoga for Humanity
- (b) Yoga for Wellness
- (c) Yoga for Healthy Ageing
- (d) Yoga for Global Peace

Ans.(c)

Q97. What is the name of Norway's highest civilian honour conferred on Prime Minister Narendra Modi in May 2026?

- (a) Order of St. Olaf
- (b) Royal Order of the Polar Star
- (c) Grand Cross of the Royal Norwegian Order of Merit

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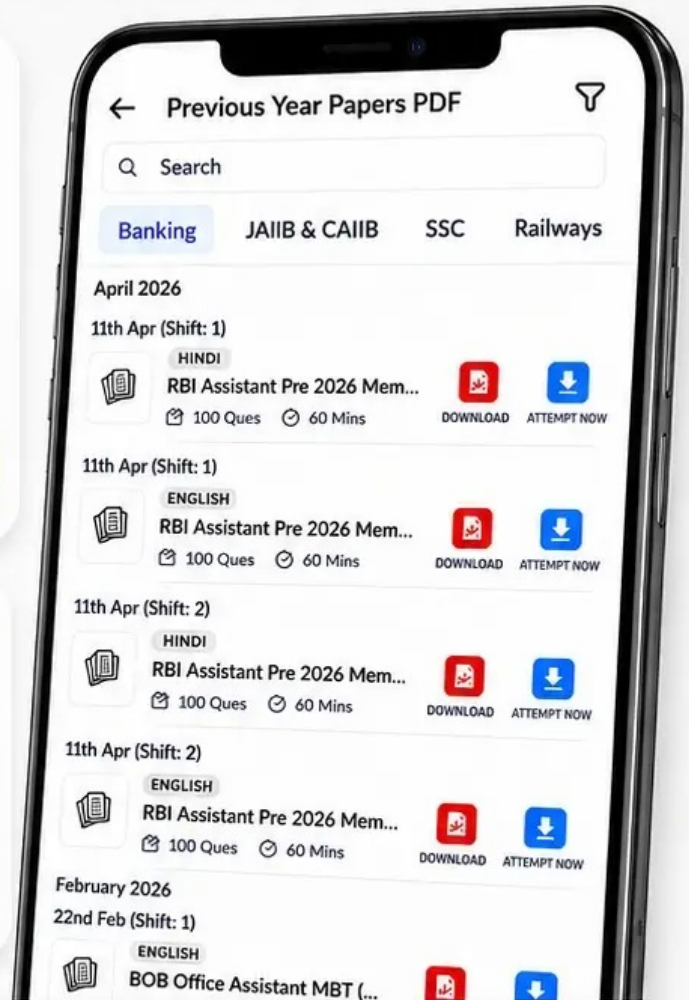
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(d) Nordic Peace Medal

Ans.(c)

Q98. Prime Minister Narendra Modi visited which historic Hindu temple complex during his state visit to Indonesia in July 2026?

- (a) Borobudur Temple
- (b) Tanah Lot Temple
- (c) Besakih Temple
- (d) Prambanan Temple

Ans.(d)

Q99. In April 2026, ISRO launched an analog mission named 'MITRA' to study crew behavior and physiological dynamics. Where is this mission being conducted?

- (a) Dehradun, Uttarakhand
- (b) Leh, Ladakh
- (c) Mahendragiri, Tamil Nadu
- (d) Jodhpur, Rajasthan

Ans.(b)

Q100. In May 2026, ISRO's Chandrayaan-3 mission received the 2026 Goddard Astronautics Award from which organization?

- (a) NASA
- (b) European Space Agency
- (c) American Institute of Aeronautics and Astronautics
- (d) International Astronomical Union

Ans.(c)