

Rrb technician grade 3 memory based paper 8 Oct 2026

Q1. The present ages of two persons, X and Y, are in the ratio 4 : 5. Five years from now, the difference between X's age and Y's age will be 3 years. Find the sum of their present ages (in years).

- (a) 27
- (b) 25
- (c) 26
- (d) 24

Ans.(a)

Q2. The 7-digit number 84A614B is divisible by 3. What is the minimum value of (A + B)?

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

Ans.(b)

Q3. The present ages of P and Q are in the ratio 4 : 5. Eight years ago, the ratio of their ages was 2 : 3. The harmonic mean of their present ages is

- (a) $17\frac{7}{9}$ years
- (b) $19\frac{7}{9}$ years
- (c) $16\frac{7}{9}$ years
- (d) $18\frac{7}{9}$ years

Ans.(a)

Q4. In a 2100 m circular race, Amit finishes one round in 42 seconds and Sumit finishes one round in 75 seconds. How many different meeting points are there on the circumference if they are running in the opposite directions?

- (a) 29
- (b) 39
- (c) 38
- (d) 49

Ans.(b)

Q5. If $\sin \theta + \cos \theta = \sqrt{3}$, then the value of $\sin^3 \theta + \cos^3 \theta$ is

- (a) 0
- (b) -1
- (c) 3
- (d) $\sqrt{3}$

Ans.(a)

Q6. When two transversal lines intersect three parallel lines, and the segments formed by the first transversal line are in the ratio 3:4, find the ratio of the segments formed by the second transversal line.

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

Ans.(c)

Q7. Two numbers are in the ratio 4 : 5. If their LCM is 240, what is the sum of the two numbers?

- (a) 108
- (b) 96
- (c) 120
- (d) 100

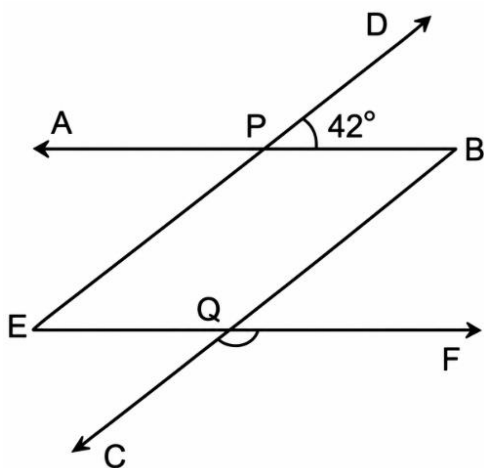
Ans.(a)

Q8. Jatin and Kiran start a business by investing ₹1,20,000 and ₹80,000, respectively. After 8 months, Jatin withdraws ₹20,000. If the total profit at the end of the year is ₹29,000, find Kiran's share of the profit.

- (a) ₹14,000
- (b) ₹17,000
- (c) ₹12,000
- (d) ₹18,000

Ans.(c)

Q9. In the given figure, $AB \parallel EF$, $ED \parallel CB$ and $\angle BPD$ is 42° . What is the measure of $\angle CQF$?



- (a) 42°
- (b) 142°
- (c) 138°
- (d) 38°

Ans.(c)

Q10. The population of a village was 1,60,000. It increased by 15% in the first year and increased by 30% in the second year. Its population after two years will be _____.

- (a) 2,08,000
- (b) 1,84,000
- (c) 2,39,200
- (d) 2,32,000

Ans.(c)

Q11. One person travels three sides of an equilateral triangle at a speed of 12 km/hr, 24 km/hr and 8 km/hr. Find his average speed (in km/hr).

- (a) 12.6
- (b) 13.8
- (c) 12
- (d) 13.4

Ans.(c)

Q12. Arvind bought an article for ₹x. He sold it to Biru at a loss of 19%. Biru spent ₹166 on its transportation and sold it to Minu at a profit of 35%. If Minu bought it for ₹1,755, then what is the value of x?

- (a) 1,450
- (b) 1,350
- (c) 1,400
- (d) 1,500

Ans.(c)

Q13. At what rate per cent per annum will a sum of money multiply itself by 46 times in 2 years, interest being compounded annually? (Give your answer correct to one decimal place)

- (a) 578.2
- (b) 570.4
- (c) 582.2
- (d) 588.5

Ans.(a)

Q14. An amount of ₹432 is divided among three persons in the ratio of 5 : 14 : 17. The difference between the largest and the smallest shares (in ₹) in the distribution is:

- (a) 144
- (b) 62
- (c) 178
- (d) 132

Ans.(a)

Q15. The price of a laptop was initially \$1,200. During a sale, the price was first reduced by 20%, and then an additional discount of 15% was applied to the new price. What is the final price of the laptop?

- (a) \$780
- (b) \$816
- (c) \$899
- (d) \$799

Ans.(b)

Q16. Find the simple interest (in ₹) if a sum of ₹550 is borrowed for 3.5 years at 8% per annum rate of interest.

- (a) 134
- (b) 254
- (c) 204
- (d) 154

Ans.(d)

Q17. Pipes, A and B, can fill a tank in 10 hours. Pipes, B and C, can fill the same tank in 20 hours. If pipe B alone can fill the same tank in 30 hours, how much time will the pipes A and C take together to fill the same tank.

- (a) 13 hours
- (b) 14 hours
- (c) 12 hours
- (d) 16 hours

Ans.(c)

Q18. A is 4 years older than B. After 5 years, the sum of their ages will be 50. Find B's present age.

- (a) 8 years
- (b) 18 years
- (c) 16 years
- (d) 26 years

Ans.(b)

Q19. The mean and the mode of a set of data are 17.9 and 24.7, respectively. Find the median of the data, using the empirical formula (correct to one decimal place).

- (a) 19.9
- (b) 21.4
- (c) 20.2
- (d) 20.3

Ans.(c)

Q20. The monthly incomes of two friends Chetan and Vipul are in the ratio 5 : 9 respectively and each of them saves ₹45,000 every month. If the ratio of their monthly expenditure is 2 : 4, then find the monthly income of Chetan (in ₹).

- (a) 2,26,000
- (b) 3,15,000
- (c) 2,24,000

(d) 2,25,000

Ans.(d)

Q21. A 5-member family consists of grandparents, parents, and one grandchild. The average age of the grandparents is 76 years, that of the parents is 40 years, and the age of the grandchild is 8 years. What is the average age of the family?

(a) 42 years

(b) 46 years

(c) 48 years

(d) 44 years

Ans.(c)

Q22. The radius and slant height of a cone are 59.5 cm and 85 cm, respectively. Find its total surface area.

(Take $\pi=22/7$)

(a) 30,021.5

(b) 28,021.5 sq. cm.

(c) 27,021.5 sq. cm.

(d) 27,000.5 sq. cm.

Ans.(c)

Q23. A hollow hemispherical steel bowl can contain $686\pi/3$ cubic units of liquid. The outer radius of the bowl is 9 units. How much steel (in cubic units) was used to make the bowl?

(a) $772\pi/3$

(b) $769\pi/3$

(c) $767\pi/3$

(d) $770\pi/3$

Ans.(a)

Q24. Find the simple interest (in ₹) if a sum of ₹550 is borrowed for 3.5 years at 16% per annum rate of interest.

(a) 308

(b) 288

(c) 408

(d) 358

Ans.(a)

Q25. If 45% of a number exceeds 20% of it by 48, then the number is:

(a) 192

(b) 232

(c) 172

(d) 212

Ans.(a)

Q26. If @ means -, * means +, # means x, and \$ means $\div$, then find the value of: $120 \$ 8 \# 5 * 28 @ 17$

- (a) 86
- (b) 84
- (c) 88
- (d) 82

Ans.(a)

Q27. Find the odd number out:

- (a) 625
- (b) 144
- (c) 168
- (d) 196

Ans.(c)

Q28. 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' and

A & B means 'A is the father of B'.

How is N related to V if 'N @ K # S & R ! V'?

- (a) Wife's father
- (b) Husband
- (c) Wife's brother
- (d) Son

Ans.(c)

Q29. Six animals, Bear, Fox, Giraffe, Lion, Panda and Tiger, are sitting around a circular table facing the centre. Fox is an immediate neighbour of both Tiger and Bear. Tiger is sitting second to the left of Lion. Giraffe is sitting second to the left of Panda. Who is sitting between Lion and Tiger, when counted from the left of Lion?

- (a) Giraffe
- (b) Panda
- (c) Bear
- (d) Fox

Ans.(a)

Q30. 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 one out is not based on the number of consonants/vowels or their position in the letter cluster.)

- (a) UX-QR
- (b) OR-KM
- (c) QT-MO
- (d) SV-OQ

Ans.(a)

Q31. A, B, C, D, E, F and G live on seven different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 7. Only one person lives above C. Only two persons live between G and C. Only one person lives between D and G, but D does not live on the lowermost floor. F lives immediately below E. Only two persons live between F and B. On which floor number does B live?

- (a) Floor number 4
- (b) Floor number 2
- (c) Floor number 3
- (d) Floor number 5

Ans.(a)

Q32. What should come in place of the question mark (?) in the given series based on the English alphabetical order?

PRY WYF DFM KMT ?

- (a) RTA
- (b) RAT
- (c) RTY
- (d) ERT

Ans.(a)

Q33. If '%' means '+', '@' means '÷', '#' means '×' and '!' means '-', find the value of: $15 \# 4 \% 5 @ 5 ! 3$

- (a) 68
- (b) 58
- (c) 54
- (d) 64

Ans.(b)

Q34. Each of A, B, C, D, E, F and G play a game on a different day of a week starting from Monday and ending on Sunday of the same week. C plays the game on Friday. Only one person plays between C and B but B does not play on the last day. A plays immediately before D but D does not play on the last day. F plays immediately after G. On which day does E play the game?

- (a) Sunday
- (b) Tuesday
- (c) Thursday
- (d) Saturday

Ans.(c)

Q35. If $5 + 3 = 40$, $6 + 4 = 60$, then $3 + 2 = ?$

- (a) 25
- (b) 20
- (c) 16
- (d) 15

Ans.(d)

Q36. This question is based on the words given below.

IRE AWE DAY FUR

In each of the words, each vowel is changed to the second letter preceding it in the English alphabetical order, and each consonant is changed to the letter immediately following it in the English alphabetical order. In how many letter-clusters thus formed will no vowel appear?

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

Ans.(a)

Q37. Directions: Pick the correct options from below.

5, 10.5, 18, 27.5, 39. __

- (a) 48.5
- (b) 52.5
- (c) 56
- (d) 61.5

Ans.(b)

Q38. LEMO is related to RJST in a certain way based on the English alphabetical order. In the same way, JYKI is related to PDQN. To which of the following options is BNCX related, following the same logic?

- (a) SHIK
- (b) HSIC
- (c) KISH
- (d) CISH

Ans.(b)

Q39. Which two signs should be interchanged to make the equation correct?

$$40 \div 5 + 8 \times 2 - 6 = 54$$

- (a) $\div$ and $+$
- (b) 5 and 8
- (c) 2 and 6
- (d) $\div$ and $\times$

Ans.(c)

Q40. MJ 8 is related to OM -6 in a certain way. In the same way, RW 12 is related to TZ -2. To which of the following is UR 1 related, following the same logic?

- (a) KKO -12
- (b) YT -10
- (c) WU -13
- (d) UH -5

Ans.(c)

Q41. 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 one out is not based on the number of consonants/vowels or their position in the letter-cluster pairs.)

- (a) ZB – PH
- (b) SU-KA
- (c) UW-MC
- (d) MO – EU

Ans.(a)

Q42. If 'LEMON' is coded as 'KDLNM', then how is 'MANGO' coded in the same way?

- (a) LZMFN
- (b) LZMNF
- (c) NZNGB
- (d) LZMEN

Ans.(a)

Q43. In this type of questions, question is provided with substitutes for various mathematical symbols, followed by a question involving calculation of an expression or choosing the correct/incorrect equation. You have to put the real signs in the given equation and then solve the questions as required.

If '#' stands for ' $\div$ ', '^' stands for '+', '%' stands for ' $\times$ ', '!' stands for '-', then find the value of: $9 \% 8 \wedge 5 \# 4 = ?$

- (a) $77/4$
- (b) $289/4$
- (c) $297/4$
- (d) $293/4$

Ans.(d)

Q44. 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 conclusions logically follow(s) from the statements.

Statements: Some poets are writers. All writers are dreamers.

Conclusions:

- (I) Some dreamers are poets.
- (II) All poets are dreamers.
- (a) Neither conclusion (I) nor (II) follows
- (b) Both conclusions (I) and (II) follow
- (c) Only conclusion (II) follows
- (d) Only conclusion (I) follows

Ans.(d)

Q45. In a certain code, INDIA is coded as JOEJB, how is DELHI coded?

- (a) EFMJI
- (b) EFMIJ
- (c) EFNHJ
- (d) EFPJI

Ans.(b)

Q46. Select the option that is related to the second number in the same way as the third number is related to the fourth number and fifth number is related to sixth number.

(Note: operations should be performed on the whole numbers...)

? : 7309 :: 9935 : 10889 :: 6802 : 7756

- (a) 6398
- (b) 6333
- (c) 6345
- (d) 6355

Ans.(d)

Q47. If MONDAY is coded as 1315144125 , how is SUNDAY coded?

- (a) 1921124125
- (b) 1821124126
- (c) 1921144125
- (d) 1921144127

Ans.(c)

Q48. Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) T O W A Q D F H G U K S I C X Z O F H G U K I S (Right)

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

- (a) Three
- (b) Two
- (c) None
- (d) One

Ans.(b)

Q49. R walks 32 meters in east direction. He turns left and walks 8 meters. He turns right and walks 26 meters. He finally turns right and walks 8 meters. How far (in meters) and in which direction is he now from the starting point?

- (a) 58, east
- (b) 62, east
- (c) 58, west
- (d) 62, west

Ans.(a)

Q50. In a certain code language,

A + B means 'A is the son 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 D related to J if 'D ÷ F – G x H + J'?

- (a) Wife's father
- (b) Son's wife's father
- (c) Wife's brother
- (d) Son's wife's brother

Ans.(b)

Q51. What do you understand of the term "Hypersonic Speed" ?

- (a) Speed that exceeds two times the speed of sound
- (b) Speed that exceeds three times the speed of sound
- (c) Speed that exceeds four times the speed of sound
- (d) Speed that exceeds five times the speed of sound

Ans.(d)

Q52. Match Column-I with Column-II.

Column-I	Column-II
{A} Frequency	{i} Loudness
{B} Amplitude	{ii} Pitch
{C} Time Period	{iii} Reciprocal of frequency
{D} Echo	{iv} Reflection of sound

- (a) {A}–{ii}, {B}–{i}, {C}–{iii}, {D}–{iv}
- (b) {A}–{iii}, {B}–{ii}, {C}–{i}, {D}–{iv}
- (c) {A}–{ii}, {B}–{iii}, {C}–{iv}, {D}–{i}
- (d) {A}–{i}, {B}–{ii}, {C}–{iii}, {D}–{iv}

Ans.(a)

Q53. Newton (N) is the SI unit of force. Which of the following correctly expresses one Newton (N) in base SI units (kilogram, metre and second)?

- (a) kg·m·s
- (b) kg/m²·s
- (c) kg·m/s²
- (d) kg·m²/s

Ans.(c)

Q54. A 500 g substance requires 2000 J of heat to increase its temperature from 20°C to 30°C. What is its specific heat capacity?

- (a) 200 J/kg°C
- (b) 400 J/kg°C
- (c) 500 J/kg°C
- (d) 800 J/kg°C

Ans.(b)

Q55. A ray of light passes from air into glass at an angle of incidence of 45° . If the refractive index of glass with respect to air is $\sqrt{2}$, the angle of refraction is approximately

- (a) 15°
- (b) 30°
- (c) 45°
- (d) 60°

Ans.(b)

Q56. Consider the following statements with reference to a plane mirror:

1. The image formed by a plane mirror is erect, virtual and of the same size as the object.
2. In the image formed by a plane mirror, the left side of the object appears as the right side of the image and the right side of the object appears as the left side of the image.

Which of the statements given above is/are correct?

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Ans.(c)

Q57. Consider the following statements with reference to the various uses of a concave mirror:

1. It is used by doctors for examining eyes, ears, nose and throat.
2. It is used in the side mirrors of vehicles by drivers to see behind them.

Which of the statements given above is/are correct?

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Ans.(a)

Q58. A convex lens of focal length 20 cm forms a real image at a distance of 60 cm from the lens. What is the magnification produced by the lens?

- (a) -2
- (b) $-1/2$
- (c) +2
- (d) $+1/2$

Ans.(a)

Q59. Through which of the following processes does alternating current (AC) get converted to direct current (DC)

- (a) Rectification
- (b) Gentrification
- (c) Cornification
- (d) Amplification

Ans.(a)

Q60. If a ball is thrown vertically up at a speed of 3 ms^{-1} then find the maximum height the ball will reach. ($g = 10 \text{ ms}^{-2}$)

- (a) 0.45 m
- (b) 0.60 m
- (c) 0.75 m
- (d) 1.00 m

Ans.(a)

Q61. You are given n resistors, each of resistance r . They are first combined to get minimum possible resistance, then they are connected to get maximum possible resistance. The ratio between minimum to maximum resistance is:

- (a) $1/n$
- (b) n
- (c) n^2
- (d) $1/n^2$

Ans.(d)

Q62. A wire has resistance 10Ω at 20°C . Its temperature coefficient of resistance is 0.004°C^{-1} . Assuming a linear variation, its resistance at 70°C will be:

- (a) 10.2Ω
- (b) 11.0Ω
- (c) 12.0Ω
- (d) 12.5Ω

Ans.(c)

Q63. Which of the following is an example of uniform circular motion in daily life?

- (a) A bus accelerating on a straight road
- (b) A ceiling fan rotating at constant speed
- (c) A ball rolling down an inclined plane
- (d) A person walking in a straight line

Ans.(b)

Q64. If the velocity–time graph is parallel to the time axis, then

- (a) Body is moving with uniform velocity
- (b) Its acceleration is zero
- (c) Its displacement can be found by finding the area of the graph
- (d) All the above

Ans.(d)

Q65. A car moves with uniform speed along a straight road. Its distance–time graph is:

- (a) A straight line parallel to the time-axis
- (b) A curve concave downwards
- (c) A straight line inclined to the time-axis
- (d) A curve concave upwards

Ans.(c)

Q66. During puberty, a woman's first menstrual flow is known as

- (a) menorrhagia
- (b) amenorrhea
- (c) menopause
- (d) menarche

Ans.(d)

Q67. _____ connects muscle to the bones.

- (a) Cartilage
- (b) Areolar
- (c) Ligaments
- (d) Tendons

Ans.(d)

Q68. Which connective tissue smoothens the joints of bones and is present in the ear and trachea?

- (a) Areolar
- (b) Cartilage
- (c) Adipose
- (d) Ligament

Ans.(b)

Q69. Consider the following statements regarding photosynthesis:

Statement {I}: Photosynthesis occurs in chloroplasts.

Statement {II}: Carbon dioxide is converted into glucose.

Statement {III}: Oxygen is consumed during photosynthesis.

Statement {IV}: Light energy is converted into chemical energy.

- (a) Statement {I}, {II}, and {IV} are correct
- (b) Statement {I} and Statement {III} are correct
- (c) Statement {II} and Statement {III} are correct
- (d) All Statement {I}, {II}, {III}, and {IV} are correct

Ans.(a)

Q70. Name the tube which connects the kidney to the urinary bladder ?

- (a) Urethra
- (b) Nephron
- (c) Tubule
- (d) Ureter

Ans.(d)

Q71. _____ acts as a blood filter by trapping the organisms in the blood produced in the brain.

- (a) Thymus
- (b) Lymph gland
- (c) Spleen
- (d) Liver

Ans.(c)

Q72. Why does the human heart have different chambers?

- (a) To regulate body temperature
- (b) To pump blood to different organs
- (c) To prevent the mixing of oxygen-rich blood with carbon dioxide-rich blood
- (d) To store blood

Ans.(c)

Q73. Rickets disease is caused by _____ deficiency.

- (a) Vitamin C
- (b) Vitamin A
- (c) Vitamin B
- (d) Vitamin D

Ans.(d)

Q74. Which of the following is a correct statement about hormones?

1. Hormones are chemical messengers produced by endocrine glands.
2. Hormones are only involved in regulating the reproductive system.

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Ans.(a)

Q75. Which of the following hormones inhibits growth in plants?

- (a) Absciscic acid
- (b) Gibberellic acid
- (c) Auxin
- (d) Ethylene

Ans.(a)

Q76. A student is solving a difficult mathematical problem and needs to remember information, reason logically and make a conscious decision. Which part of the brain is primarily involved in these higher mental functions?

- (a) Cerebellum
- (b) Medulla oblongata
- (c) Cerebrum
- (d) Spinal cord

Ans.(c)

Q77. Which of the following is a saturated hydrocarbon?

- (a) Ethyne
- (b) Propane
- (c) Butyne
- (d) Ethene

Ans.(b)

Q78. Which property most definitively distinguishes a suspension from a colloid?

- (a) Absence of light scattering under illumination
- (b) Settling of particulates under gravitational force
- (c) Homogeneity of the mixture
- (d) Formation of covalent solute-solvent bonds

Ans.(b)

Q79. In which year was the neutron discovered?

- (a) 1920
- (b) 1930
- (c) 1932
- (d) 1940

Ans.(c)

Q80. Assertion: The Tyndall effect is a characteristic property of colloidal solutions that distinguishes them from true solutions. Reason: Colloidal particles are large enough to scatter light when a beam passes through them.

- (a) Both Assertion and Reason are true and Reason is the correct explanation of Assertion
- (b) Both Assertion and Reason are true but Reason is not the correct explanation of Assertion
- (c) Assertion is true but Reason is false
- (d) Assertion is false but Reason is true

Ans.(a)

Q81. Match the following pH change and its effect.

Column A (Change) | Column B (Effect)

- A. pH ↓ from 7 to 4 | 1. Increase in acidity
- B. pH ↑ from 7 to 10 | 4. Increase in basicity
- C. pH = 7 | 3. Neutral solution
- D. pH < 5.6 in rain | 2. Acid rain forms

- (a) A-3; B-4; C-2; D-1
- (b) A-4; B-3; C-1; D-2
- (c) A-1; B-4; C-3; D-2
- (d) A-2; B-1; C-4; D-3

Ans.(c)

Q82. Sodium hydroxide is prepared by passing electricity through an aqueous solution of sodium chloride. The process is called:

- (a) Dow's
- (b) Born Haber
- (c) Chlor-alkali
- (d) Hall-Hérault

Ans.(c)

Q83. Rutherford model of an atom does NOT describe the-

- (a) Presence of nucleus
- (b) Charge of the atom
- (c) Presence of electron
- (d) Stability of the atom

Ans.(d)

Q84. What is molecular mass of carbon dioxide?

- (a) 44
- (b) 38
- (c) 42
- (d) 22

Ans.(a)

Q85. Which of the following has the largest atomic radius?

- (a) Iodine
- (b) Fluorine
- (c) Chlorine
- (d) Oxygen

Ans.(a)

Q86. Which of the following elements can form both a double bond and a single bond with a carbon atom?

- (a) F
- (b) Br
- (c) Cl
- (d) O

Ans.(d)

Q87. Which of the following has coordination bond?

- (a) H_2O
- (b) CaCl_2
- (c) O_2
- (d) H_3O^+

Ans.(d)

Q88. An organic compound gives a positive test with sodium bicarbonate solution, producing brisk effervescence. Which functional group is most likely present in the compound?

- (a) $-\text{OH}$ of an alcohol
- (b) $-\text{CHO}$ of an aldehyde
- (c) $-\text{CO}-$ of a ketone
- (d) $-\text{COOH}$ of a carboxylic acid

Ans.(d)

Q89. Which of the following statement is correct?

- I. Precipitation reactions produce insoluble salts.
- II. Oxidation is the gain of oxygen or loss of hydrogen.

- (a) Only II
- (b) Neither I nor II
- (c) Only I
- (d) Both I and II

Ans.(d)

Q90. Which of the following can be separated from a mixture by the process of centrifugation, but NOT by the process of filtration?

- (a) Suspension only
- (b) Solution
- (c) Both Colloid and Suspension
- (d) Colloid only

Ans.(d)

Q91. In the 2026 Cost of Living Index, which of the following Indian cities was highlighted as being among the most affordable globally?

- (a) Mumbai
- (b) Bengaluru
- (c) Indore
- (d) New Delhi

Ans.(c)

Q92. Which organisation launched India's first Accreditation Scheme for Mobile Food Testing Laboratories in August 2026?

- (a) Food Safety and Standards Authority of India (FSSAI)
- (b) National Accreditation Board for Testing and Calibration Laboratories (NABL)
- (c) Quality Council of India (QCI)
- (d) Bureau of Indian Standards (BIS)

Ans.(b)

Q93. Exercise 'Udara Shakti 2026', commenced in August 2026, is a bilateral air exercise between the Indian Air Force (IAF) and which country's air force?

- (a) Indonesia
- (b) Malaysia
- (c) Singapore
- (d) Thailand

Ans.(b)

Q94. According to the OECD Economic Outlook (June 2026), what GDP growth rate has been projected for India in FY27?

- (a) 5.8%
- (b) 6.1%
- (c) 6.3%
- (d) 6.8%

Ans.(c)

Q95. The Long-Range Glide Bomb (LRGB) 'Gaurav', recently tested by DRDO, is a 1,000 kg class bomb developed by which of the following DRDO establishments?

- (a) Research Centre Imarat (RCI), Hyderabad
- (b) Armament Research and Development Establishment (ARDE), Pune
- (c) Integrated Test Range (ITR), Chandipur
- (d) All of the above

Ans.(d)

Q96. According to NITI Aayog's Education Quality Report 2026, which state has secured the first position in school education?

- (a) Maharashtra
- (b) Punjab
- (c) Gujarat
- (d) Kerala

Ans.(b)

Q97. Which Indian journalists were honoured with the Pulitzer Prize 2026 for exposing the 'digital arrest' cybercrime racket?

- (a) Ravish Kumar and Nidhi Razdan
- (b) Anand RK and Suparna Sharma
- (c) Faye D'Souza and Barkha Dutt
- (d) Rajdeep Sardesai and Arnab Goswami

Ans.(b)

Q98. The BHAVYA (Bharat Audyogik Vikas Yojana) Scheme, for which the BHAVYA Portal was recently launched by Union Minister Shri Piyush Goyal, aims to:

- (a) Promote organic farming clusters across India
- (b) Develop investment-ready, world-class industrial parks across the country
- (c) Provide financial assistance to startups in the IT sector
- (d) Establish smart cities in rural areas

Ans.(b)

Q99. According to the SIPRI Yearbook 2026, what was India's rank among the world's largest military spenders in 2025?

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

Ans.(c)

Q100. The ISRO-NASA joint satellite mission 'NISAR', which was in the final stages of pre-launch integration in early 2026, is primarily designed for which purpose?

- (a) Deep space planetary exploration
- (b) Solar corona observation
- (c) Earth observation and mapping surface changes
- (d) Advanced military communication

Ans.(c)