रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सी ई एन आर पी एफ - ०२/२०२४ - CEN RPF - 02/2024

Exam Date	10/03/2025
Centre Name	
Exam Time	12:30 PM - 2:00 PM

*** 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 : **Arithmetic**

Q.1 Find the value of $37^{-14} \div 37^{4} \times 37^{-12}$

Ans
✔ 1. 37^{-30}
✘ 2. 37^{-20}
✘ 3. 37^{-38}
✘ 4. 37^{-24}

Q.2 In a race, an athlete covers a distance of 312 m in 156 sec in the first lap. He covers the second lap of the same length in 52 sec. What is the average speed (in m/sec) of the athlete?

Ans
✔ 1. 3
✘ 2. 2
✘ 3. 6
✘ 4. 12

Q.3 A man can row 12 km/hr in still water. When the river is running at 2.2 km/hr, it takes him 1.2 hours to row to a place and come back. How far is the place?

Ans
✘ 1. 6.758 kilometres
✔ 2. 6.958 kilometres
✘ 3. 6.858 kilometres
✘ 4. 6.658 kilometres

Q.4 A fruit seller bought 6 apples for ₹315 and sold 4 apples for ₹140. Find his gain or loss percentage.

Ans
✘ 1. $25\frac{1}{2}\%$ loss
✔ 2. $33\frac{1}{3}\%$ loss
✘ 3. $25\frac{1}{2}\%$ gain
✘ 4. $33\frac{1}{3}\%$ gain

Q.5 What is the value of p such that 579p46 is divisible by 11?

Ans
✗ 1. 8
✗ 2. 6
✗ 3. 9
✓ 4. 5

Q.6 Pipe A can fill a tank in 5 hours. Pipe B can empty it in 12 hours. If both the pipes are opened simultaneously, how much time will it take to fill the tank?

Ans
✗ 1. $8\frac{2}{7}$ hours
✓ 2. $8\frac{4}{7}$ hours
✗ 3. $8\frac{1}{7}$ hours
✗ 4. $8\frac{3}{7}$ hours

Q.7 A pipe can fill a tank in 7 hours. Another pipe can empty the filled tank in 9 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be two-third filled, is:

Ans
✗ 1. 63
✓ 2. 21
✗ 3. 42
✗ 4. 84

Q.8 Anjali can do a certain piece of work in 20 days. Anjali and Ayushi can together do the same work in 16 days, and Anjali, Ayushi and Ankita can do the same work together in 10 days. In how many days can Anjali and Ankita do the same work?

Ans
✓ 1. $\frac{80}{7}$
✗ 2. $\frac{78}{9}$
✗ 3. $\frac{85}{8}$
✗ 4. $\frac{87}{7}$

Q.9 The average of first 122 even numbers is

Ans
✗ 1. 123.5
✗ 2. 124
✗ 3. 122.5
✓ 4. 123

Q.10 The monthly incomes of two friends Rupesh and Manjit, are in the ratio 5 : 7 respectively and each of them saves ₹84000 every month. If the ratio of their monthly expenditure is 2 : 3, find the monthly income of Rupesh(in ₹).

Ans
✓ 1. 420000
✗ 2. 588000
✗ 3. 421000
✗ 4. 419000

Q.11 Three partners invested in a business in the ratio 5:9:1. They invested their capitals for 1 months, 9 months and 6 months, respectively. What was the ratio of their profits?

Ans
- ✗ 1. 3:81:6
- ✗ 2. 6:81:6
- ✓ 3. 5:81:6
- ✗ 4. 7:81:6

Q.12 Evaluate:

$$\sqrt{\left(7+\sqrt{\left((71+\sqrt{\left(93+\sqrt{\left(40+\sqrt{(81)}\right)}\right)}\right)}\right)}$$

Ans
- ✗ 1. 5
- ✗ 2. 8
- ✓ 3. 4
- ✗ 4. 3

Q.13 The marked price of a watch is ₹6,420, available at a discount of 17%. Find the amount paid by the customer when he purchased the watch.

Ans
- ✗ 1. ₹5,425.25
- ✓ 2. ₹5,328.60
- ✗ 3. ₹5,248.85
- ✗ 4. ₹5,368.78

Q.14 Tushar bought 52 books for Rs 1125 from one shop and 48 books for Rs 910 from another. What is the average price (in Rs) he paid per book ?

Ans
- ✗ 1. 1031.8
- ✗ 2. 1036.8
- ✗ 3. 1011.8
- ✓ 4. 1021.8

Q.15 A merchant offers a discount of 25% on the list price, due to which she makes a loss of 13%. What percent profit or percent loss will she make if she sells at a discount of 10% of the list price?

Ans
- ✗ 1. 4.8% Loss
- ✗ 2. 4.8% Profit
- ✓ 3. 4.4% Profit
- ✗ 4. 4.4% Loss

Q.16 Two banks, A and B, offered loans at 3.5% and 6% per annum, respectively. Sachin borrowed an amount of ₹460000 from each bank. Find the positive difference between the amounts of simple interest paid to the two banks by Sachin after 2 (in ₹) years.

Ans
- ✗ 1. 24000
- ✗ 2. 24500
- ✓ 3. 23000
- ✗ 4. 22500

Q.17 How many seconds will a boy take to run one complete round around a square field of side 53 metres, if he runs at a speed of 8 km/h?

Ans
- ✗ 1. 102
- ✗ 2. 101
- ✓ 3. 95.4
- ✗ 4. 88

Q.18 The cost of decorating the curved surface area of a cone is ₹6,270. If its base diameter is 42 cm and slant height is 19 cm, then what is the per cm^2 cost (in ₹) of decoration? (Use $\pi = 22/7$)

Ans
✗ 1. 9
✓ 2. 5
✗ 3. 7
✗ 4. 3

Q.19 What is the area (in cm^2) of a right-angled triangle having a hypotenuse of 89 cm and one side measuring 39 cm?

Ans
✗ 1. 1260
✗ 2. 1150
✗ 3. 1650
✓ 4. 1560

Q.20 A cylindrical rod has an outer curved surface area of 9900 cm^2. If the length of the rod is 82 cm, then the outer radius (in cm) of the rod, correct to two places of decimal, is:

$Take\ \pi = \frac{22}{7}$

Ans
✗ 1. 17.09
✓ 2. 19.21
✗ 3. 20.39
✗ 4. 17.55

Q.21 If 40% of k is 10 less than 2400% of 10, then k is:

Ans
✗ 1. 535
✓ 2. 575
✗ 3. 615
✗ 4. 555

Q.22 Find the value of 2.35 + 0.56 − 1.89 − 2.85 + 4.26.

Ans
✓ 1. 2.43
✗ 2. 2.33
✗ 3. 2.24
✗ 4. 2.04

Q.23 What is the greatest number that will divide 651 and 1110 leaving the remainders 5 and 8, respectively?

Ans
✓ 1. 38
✗ 2. 36
✗ 3. 18
✗ 4. 19

Q.24 A bike goes 47 meters in a second. Find its speed in km/hr.

Ans
✗ 1. 162.6
✗ 2. 175.3
✓ 3. 169.2
✗ 4. 162.5

Q.25 The average of the marks of 14 students in a class is 62. If the marks of each student are doubled, find the new average?

Ans
- ✗ 1. 14
- ✗ 2. 62
- ✗ 3. 28
- ✓ 4. 124

Q.26 A fraction r is equivalent to 18.75%. What is the value of the expression $\frac{8^2}{9}(2r)^2$?

Ans
- ✓ 1. 1
- ✗ 2. 0.75
- ✗ 3. 0.5
- ✗ 4. 0.25

Q.27 Simplify

$$14 \times \left(14 \times (3^2)\right) \div 17 + 25 - 89$$

Ans
- ✗ 1. $\frac{672}{17}$
- ✓ 2. $\frac{676}{17}$
- ✗ 3. $\frac{671}{17}$
- ✗ 4. $\frac{681}{17}$

Q.28 On an amount, the difference in interests is ₹225 at 10% per annum rate when the interest is compounded semi-annually and annually, respectively, in a year. The amount (in ₹) is:

Ans
- ✓ 1. 90,000
- ✗ 2. 80,000
- ✗ 3. 1,00,000
- ✗ 4. 75,000

Q.29 An amount of ₹905 is divided among three persons in the ratio of 9 : 10 : 16. The difference between the largest and the smallest shares (in ₹) in the distribution is:

Ans
- ✗ 1. 110
- ✓ 2. 181
- ✗ 3. 205
- ✗ 4. 274

Q.30 A bottle is filled with a mixture of water and syrup in ratio 2 : 5, respectively. How much of the mixture must be replaced with water so that the mixture has half water and half syrup?

Ans
✗ 1. $\frac{21}{10}$
✗ 2. $\frac{3}{2}$
✗ 3. $\frac{3}{5}$
✓ 4. $\frac{3}{10}$

Q.31 The sum of five numbers is 655. The average of the first two numbers is 75 and the third number is 129. Find the average of the remaining two numbers?

Ans
✗ 1. 189
✗ 2. 205
✓ 3. 188
✗ 4. 204

Q.32 The difference (in ₹) between C.I. and S.I. on a certain sum at 12 % per annum compounded annually for 2 years is ₹360. Find the sum (in ₹).

Ans
✗ 1. 25,060
✗ 2. 23,560
✗ 3. 23,650
✓ 4. 25,000

Q.33 The price of an item is increased by ₹25 and in percentage, its price is increased by 10%. The price of the item now is ₹____.

Ans
✓ 1. 275
✗ 2. 225
✗ 3. 250
✗ 4. 200

Q.34 If the cost price is 60% of the selling price, then what is the profit percentage?

Ans
✗ 1. $33\frac{1}{3}\%$
✗ 2. 40%
✓ 3. $66\frac{2}{3}\%$
✗ 4. $56\frac{1}{3}\%$

Q.35 Six bells start ringing simultaneously and ring at an interval of 2, 4, 6, 8, 10 and 12 seconds, respectively. How many times do they ring together in 50 minutes?

Ans
✗ 1. 15
✓ 2. 26
✗ 3. 30
✗ 4. 21

Section : **General Intelligence and Reasoning**

Q.36 Seven people, K, L, M, N, O, P, and Q are sitting in a straight line, facing north. Only three people sit between L and O. Only two people sit to the right of O. K sits second to the right of P. K is not an immediate neighbour of Q. O sits to the immediate left of M. Who sits at the extreme left end of the line?

Ans
- ✗ 1. N
- ✗ 2. P
- ✗ 3. M
- ✓ 4. L

Q.37 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 conclusion(s) logically follow(s) from the given statements.

Statements:
All coats are pants.
All pants are sneakers.
All sneakers are jackets.

Conclusions:
(I) All coats are sneakers.
(II) All pants are jackets.

Ans
- ✗ 1. Only I follows
- ✓ 2. Both I and II follow
- ✗ 3. Only II follows
- ✗ 4. Neither I nor II follows

Q.38 In a certain code language,
A * B means 'A is the brother of B',
A @ B means 'A is the son of B',
A + B means 'A is the wife of B',
A - B means 'A is the father of B'.

Based on the above, how is R related to D if 'R @ O - U + N * D'?

Ans
- ✗ 1. Brother's sister's daughter
- ✓ 2. Brother's wife's brother
- ✗ 3. Brother's sister's son
- ✗ 4. Brother's wife's husband

Q.39 Ram starts from Point A and drives 12 km towards the south. He then takes a right turn, drives 13 km, turns right and drives 14 km. He then takes a right turn and drives 15 km. He takes a final right turn, drives 2 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.)

Ans
- ✓ 1. 2 km to the west
- ✗ 2. 1 km to the west
- ✗ 3. 4 km to the east
- ✗ 4. 3 km to the east

Q.40 XCHB is related to ZEJD in a certain way based on the English alphabetical order. In the same way, WOJQ is related to JQLS. To which of the given options is UMGT related, following the same logic?

Ans
- ✓ 1. WOIV
- ✗ 2. SKER
- ✗ 3. VNHU
- ✗ 4. TLFS

Q.41 What should come in place of the question mark (?) in the given series?

16 32 80 240 ? 3360

Ans
✗ 1. 850
✗ 2. 820
✓ 3. 840
✗ 4. 830

Q.42 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.)

201 - 302
3 - 104

Ans
✓ 1. 90 - 191
✗ 2. 103 - 205
✗ 3. 40 - 142
✗ 4. 23 - 125

Q.43 In a certain code language, 'its my life' is coded as 'io tr we' and 'life is precious' is coded as 'ew oi tr'. How is 'life' coded in the given language?

Ans
✗ 1. io
✗ 2. ew
✗ 3. we
✓ 4. tr

Q.44 Seven students, Q, R, S, T, W, X and Y, are sitting in a straight line facing north. Only four people sit to the right of T. Only one person sits between S and W. Only three people sit between T and S. X sits to the immediate left of Y. Q is not an immediate neighbour of S. How many people sit to the right of R?

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

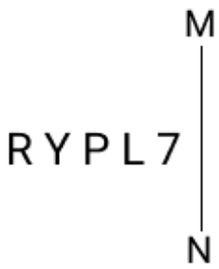
Q.45 In a certain code language, 'watch less tv' is coded as 'mb tb km' and 'tv is boring' is coded as 'zb km ab'. How is 'tv' coded in the given language?

Ans
✗ 1. tb
✗ 2. zb
✗ 3. mb
✓ 4. km

Q.46 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7735821, what will be difference between the highest and lowest digits in the new number thus formed?

Ans
✗ 1. 7
✗ 2. 1
✓ 3. 8
✗ 4. 4

Q.47 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans
1. ⅂⅃ ꟻ Y Я
2. ⅂ ⅃ ꟻ Y Я
3. ⅂ P L Y Я
4. 7⅃ ꟻ Y Я

Q.48 Six people, A, B, C, D, E and F are sitting in a row, facing north. F sits to the immediate left of B. C sits third to the left of B. D is an immediate neighbour of B. E sits to the immediate right of C. D sits to the immediate left of A. Who sits at the extreme right end of the line?

Ans
1. D
2. A
3. E
4. B

Q.49 What should come in place of the question mark (?) in the given series?

55 60 59 64 63 ?

Ans
1. 58
2. 64
3. 68
4. 54

Q.50 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

SUF : WYJ
CAL : GEP

Ans
1. EKO : INS
2. AFL : GJM
3. DVB : HZF
4. QST : NKH

Q.51 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. OJN
2. LGJ
3. RMP
4. UPS

Q.52 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

UZG XCJ AFM DIP ?

Ans
✔ 1. GLS
✘ 2. GSL
✘ 3. GHY
✘ 4. GYH

Q.53 M, N, O, R, S and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. N lives on the topmost floor. Only three people live between N and S. O lives on a floor below S. M lives on an even numbered floor. Z lives on an odd numbered floor but not on floor number 5. How many people live between R and S?

Ans
✘ 1. Four
✔ 2. Two
✘ 3. Three
✘ 4. One

Q.54 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 pets are wild.
All wild are animals.

Conclusions:
(I) Some pets are animals.
(II) All pets are animals.

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

Q.55 In a certain code language,

'A + B' means 'A is the sister 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 P related to T if 'P + Q – R ÷ S × T'?

Ans
✔ 1. Wife's father's sister
✘ 2. Wife's mother's mother
✘ 3. Wife's father's mother
✘ 4. Wife's mother's sister

Q.56 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3178546, what will be difference between the highest and lowest digits in the number thus formed?

Ans
✘ 1. 7
✔ 2. 6
✘ 3. 5
✘ 4. 8

Q.57 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. DK-LU
✓ 2. FM-NU
✗ 3. GN-OX
✗ 4. BI-JS

Q.58 Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. B is kept second from the bottom. Only three boxes are kept between B and G. F is kept at one of the positions below B. Only E is kept between G and D. A is kept at one of the positions above G. How many boxes are kept between A and E?

Ans
✓ 1. 1
✗ 2. 4
✗ 3. 2
✗ 4. 3

Q.59 This question is based on the five, three-digit numbers given below.

(Left) 567 248 351 946 846 (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 third digit of the highest number is added to the second digit of the lowest number?

Ans
✗ 1. 7
✗ 2. 8
✗ 3. 9
✓ 4. 10

Q.60 Refer to the following number series and answer the question that follows (all numbers are single digit numbers only). Counting to be done from left to right only.

(Left) 3 6 2 8 7 4 3 1 6 9 2 5 8 1 3 4 8 7 5 4 7 9 5 7 2 4 1 (Right)

How many such even digits are there each of which is immediately preceded by a perfect square and immediately followed by an odd digit?
(NOTE: 1 is also a perfect square.)

Ans
✗ 1. More than three
✓ 2. Three
✗ 3. Two
✗ 4. One

Q.61 In a certain code language, 'love your enemies' is coded as 'tq fs rt' and 'love conquers all' is coded as 'ps nt tq'. How is 'love' coded in the given language?

Ans
✓ 1. tq
✗ 2. rt
✗ 3. nt
✗ 4. fs

Q.62 Manoj starts from Point A and drives 11 km towards the east. He then takes a left turn, drives 9 km, turns left and drives 12 km. He then takes a left turn and drives 15 km. He takes a final left turn, drives 1 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° turns only unless specified.)

Ans
- ✗ 1. 5 km to the north
- ✗ 2. 6 km to the south
- ✗ 3. 5 km to the south
- ✓ 4. 6 km to the north

Q.63 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7436518, how many digits will appear more than once in the new number thus formed?

Ans
- ✗ 1. 1
- ✗ 2. 0
- ✓ 3. 3
- ✗ 4. 2

Q.64 What should come in place of the question mark (?) in the given series?

782 780 776 770 762 ?

Ans
- ✗ 1. 756
- ✗ 2. 750
- ✗ 3. 754
- ✓ 4. 752

Q.65 This question is based on the five, three-digit numbers given below.

(Left) 276 468 583 314 529 (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 second digit of the highest number is added to the first digit of the lowest number?

Ans
- ✓ 1. 10
- ✗ 2. 12
- ✗ 3. 15
- ✗ 4. 11

Q.66 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

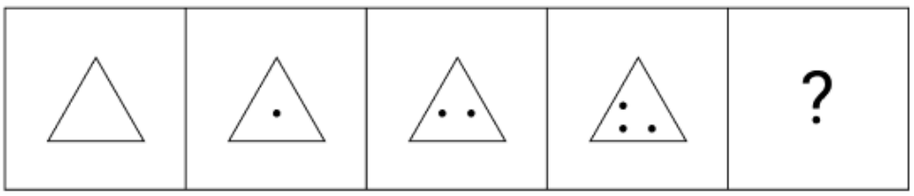
XPR UMO RJL OGI ?

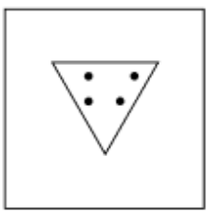
Ans
- ✓ 1. LDF
- ✗ 2. LCE
- ✗ 3. LCF
- ✗ 4. LDE

Q.67 **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:
All peas are onions.
No pea is a tomato.
No tomato is a brinjal.
Conclusions:
(I): No onion is a tomato.
(II): No pea is a brinjal.

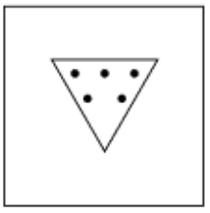
Ans
✗ 1. Both conclusions (I) and (II) follow.
✓ 2. Neither conclusion (I) nor (II) follows.
✗ 3. Only conclusion (I) follows.
✗ 4. Only conclusion (II) follows.

Q.68 **Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.**



Ans
✗ 1.

✓ 2.

✗ 3.

✗ 4.


Q.69 **Select the pair that follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.**
YAB−DFG
RTU−WYZ

Ans
✗ 1. WYZ−ADD
✓ 2. ACD−FHI
✗ 3. WXX−ACD
✗ 4. WXX−BDE

Q.70 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
PET 23, TJN 32, XOH 41, BTB 50, ?

Ans
✗ 1. GZV 57
✓ 2. FYV 59
✗ 3. GYU 59
✗ 4. FZV 57

Section : **General Awareness**

Q.71 The Constitution was drafted in 1947 by how many representatives of different castes, regions, religions, genders, etc.?

Ans
✗ 1. 201
✓ 2. 299
✗ 3. 222
✗ 4. 159

Q.72 Aus, Aman and Boro, mainly grown in Assam, West Bengal and Odisha, are varieties of which of the following crops?

Ans
✗ 1. Tea
✗ 2. Wheat
✗ 3. Potato
✓ 4. Paddy

Q.73 Who appoints the Governor of a state in India?

Ans
✗ 1. Election Commission
✓ 2. President
✗ 3. Chief Minister
✗ 4. Prime Minister

Q.74 As of October 2024, which of the following statements is correct regarding repo and reverse repo rates?

Ans
✓ 1. The repo rate of the Reserve Bank of India (RBI) was 6.50%.
✗ 2. The reverse repo rate of the Reserve Bank of India (RBI) was 6.50%.
✗ 3. The reverse repo rate of the Reserve Bank of India (RBI) was 9.50%.
✗ 4. The repo rate of the Reserve Bank of India (RBI) was 1.50%.

Q.75 Which commission was appointed to study the reforms of the Government of India Act, 1919, and suggest further measures for constitutional reforms?

Ans
✗ 1. Floud Commission
✗ 2. Hunter Commission
✗ 3. Chatfield Commission
✓ 4. Simon Commission

Q.76 Mundari is a ritualistic dance form of the Munda tribes prevalent in _____.

Ans
✓ 1. Jharkhand
✗ 2. Tamil Nadu
✗ 3. Punjab
✗ 4. Uttarakhand

Q.77 Which of the following is the highest peak of the Himalayas located in India?

Ans
- ✔ 1. Kangchenjunga
- ✘ 2. Nanda Devi
- ✘ 3. Mount Everest
- ✘ 4. Annapurna

Q.78 Which of the following places did Kunwar Amar Singh of Arrah make his battlefield in the revolt of 1857?

Ans
- ✘ 1. Rohilkhand
- ✘ 2. Gwalior and Jhansi
- ✔ 3. Azamgarh and Ghazipur
- ✘ 4. Lucknow

Q.79 Articles 153 to 167 in the Indian Constitution deal with which aspect of governance?

Ans
- ✘ 1. The Judiciary
- ✘ 2. The Union Executive
- ✔ 3. The State Executive
- ✘ 4. The Panchayati Raj System

Q.80 Standard Capital Markets issued Non-Convertible Debentures (NCDs) worth _____ in 2024.

Ans
- ✔ 1. ₹500 crore
- ✘ 2. ₹300 crore
- ✘ 3. ₹700 crore
- ✘ 4. ₹200 crore

Q.81 Which of the following statements is/are correct in the context of the religious development during the Gupta Empire?
I. Nalanda University was founded by Kumargupta I of the Gupta dynasty in the 5th century CE.
II. Narasimhagupta Baladitya was influenced by Mahayana Buddhism.

Ans
- ✘ 1. Only II
- ✔ 2. Both I and II
- ✘ 3. Only I
- ✘ 4. Neither I nor II

Q.82 Bimbavati Devi is a famous _____ dancer.

Ans
- ✔ 1. Manipuri
- ✘ 2. Kuchipudi
- ✘ 3. Sattriya
- ✘ 4. Kathak

Q.83 Which of the following acids is primarily present in vinegar?

Ans
- ✘ 1. Lactic acid
- ✘ 2. Citric acid
- ✔ 3. Acetic acid
- ✘ 4. Oxalic acid

Q.84 Who fought in the famous Battle of Chinhat with the Britishers during the Revolt of 1857?

Ans
- ✗ 1. Shah Mal
- ✓ 2. Maulvi Ahmadullah Shah
- ✗ 3. Maulana Azad
- ✗ 4. Rani Laxmibai

Q.85 Which of the following stages of the 2024 Hyundai Archery World Cup was held in Antalya, Turkey from 18 June to 23 June, 2024?

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

Q.86 Indian tennis player Rohan Bopanna and his Australian partner Matthew Ebden have qualified for the men's doubles event of which tournament that was scheduled to take place in November 2024?

Ans
- ✗ 1. French Open
- ✗ 2. US Open
- ✗ 3. China Open
- ✓ 4. ATP Finals 2024

Q.87 How many Memorandum of Understanding (MoU) was signed by India and Singapore in September 2024 to strengthen the cooperation between the two nations?

Ans
- ✗ 1. Two
- ✗ 2. Five
- ✓ 3. Four
- ✗ 4. Three

Q.88 What does MSME stand for in the context of the industrial sector?

Ans
- ✗ 1. Medium, Scale and Micro Enterprises
- ✗ 2. Major, Small and Medium Enterprises
- ✓ 3. Micro, Small and Medium Enterprises
- ✗ 4. Medium, Small and Micro Enterprises

Q.89 Who appoints the Chairman and members of a Joint Administrative Tribunal (JAT)?

Ans
- ✗ 1. The Union Cabinet
- ✓ 2. The President of India, after consultation with the Governors of the concerned states
- ✗ 3. The concerned state governments
- ✗ 4. The Chief Justice of India, in consultation with the Chief Ministers of the concerned states

Q.90 Organisation of Village Panchayats is included in which of the following?

Ans
- ✗ 1. Fundamental Rights
- ✓ 2. Directive Principles of State Policy
- ✗ 3. Preamble
- ✗ 4. Fundamental Duties

Q.91 Protection of life and personal liberty is contained under which Article of the Indian Constitution?

Ans
- ✓ 1. Article 21
- ✗ 2. Article 24
- ✗ 3. Article 23
- ✗ 4. Article 22

Q.92 Which fiscal year's Budget is noted for introducing a 'taxation budget' with a revision of income tax slabs?

Ans
- ✗ 1. 2022-23
- ✗ 2. 2025-26
- ✓ 3. 2024-25
- ✗ 4. 2023-24

Q.93 Which of the following sectors saw major reforms in the 1991 economic liberalisation?

Ans
- ✗ 1. Agriculture
- ✓ 2. Industry and Trade
- ✗ 3. Education
- ✗ 4. Healthcare

Q.94 Rahul Acharya is a famous _____ dancer.

Ans
- ✗ 1. Bharatnatyam
- ✗ 2. Kathak
- ✓ 3. Odissi
- ✗ 4. Sattriya

Q.95 The shift in the position of the Inter-Tropical Convergence Zone (ITCZ) in the summer season in India is related to which of the following phenomena?

Ans
- ✗ 1. Formation of the easterly jet stream along 25°N latitude
- ✓ 2. Withdrawal of the westerly jet stream from the north Indian plain
- ✗ 3. Formation of the westerly jet stream in the north Indian plain
- ✗ 4. Withdrawal of the easterly jet stream along 15°N latitude

Q.96 Which of the following is NOT one of the four holy pilgrimage destinations where the Kumbh Mela is held by rotation?

Ans
- ✓ 1. Varanasi
- ✗ 2. Nashik
- ✗ 3. Prayagraj
- ✗ 4. Haridwar

Q.97 In June 2024, Raja Venugopal Naik of Congress won the assembly constituency by-election in which state?

Ans
- ✗ 1. Andhra Pradesh
- ✗ 2. Telangana
- ✓ 3. Karnataka
- ✗ 4. Maharashtra

Q.98 The distance (in cm) covered by particle in time t sec is given by $x = 10t^2 + 6t + 3$. How much distance will it cover after 2 sec?

Ans
- ✗ 1. 52 cm
- ✗ 2. 15 cm
- ✓ 3. 55 cm
- ✗ 4. 3 cm

Q.99 Modulus of elasticity has the dimensions _____.

Ans
- ✓ 1. $[ML^{-1}T^{-2}]$
- ✗ 2. $[MLT^{-2}]$
- ✗ 3. $[ML^{-2}T^{-2}]$
- ✗ 4. $[ML^{-1}T^{-1}]$

Q.100 According to the 2023-2024 Human Development Report (HDR), India's Human Development Index (HDI) value is _____.

Ans
- ✗ 1. 2.763
- ✗ 2. 1.109
- ✓ 3. 0.644
- ✗ 4. 0.984

Q.101 How many Fundamental Duties were mentioned at the time of Constitution enforcement in 1950?

Ans
- ✓ 1. 0
- ✗ 2. 8
- ✗ 3. 11
- ✗ 4. 10

Q.102 Who was the chief commissioner of Awadh in 1857?

Ans
- ✗ 1. Major John Sherbroke Banks
- ✗ 2. Major General Sir James Outram
- ✓ 3. Sir Henry Lawrence
- ✗ 4. Colville Coverly Jackson

Q.103 Which of the following schemes focuses on rural employment?

Ans
- ✗ 1. GST
- ✗ 2. Digital India
- ✗ 3. Swachh Bharat Mission
- ✓ 4. MNREGA

Q.104 Which organisation(s) is/are known for providing microfinance to rural communities in India?

Ans
- ✓ 1. Regional Rural Banks
- ✗ 2. Reserve Bank of India
- ✗ 3. UNESCO
- ✗ 4. World Health Organization

Q.105 In October 2024, in the State of Uttar Pradesh v. Lalta Prasad Vaish, the Supreme Court upheld the power of state governments to regulate which of the following?

Ans
- ✗ 1. Goods and Service Tax (GST)
- ✗ 2. Royality of mines
- ✓ 3. Industrial alcohol
- ✗ 4. Foreign trade

Q.106 According to the Economic Survey 2024, which sector is emphasised as the primary area for job creation in India?

Ans
- ✓ 1. Private sector
- ✗ 2. Government sector
- ✗ 3. Public sector
- ✗ 4. Agricultural sector

Q.107 Which city of India has the highest density, according to Census 2011?

Ans
- ✓ 1. Delhi
- ✗ 2. Bengaluru
- ✗ 3. Mumbai
- ✗ 4. Hyderabad

Q.108 Electrons are fundamental particles that make up matter. Who among the following is credited with this discovery?

Ans
- ✗ 1. Ernest Rutherford
- ✓ 2. JJ Thomson
- ✗ 3. Niels Bohr
- ✗ 4. Marie Curie

Q.109 What is the name of an AI-based tool developed by woman entrepreneur Shivani Verma in June 2024 that creates a 'robust and multi-faceted authentication system' by combining facial recognition with gait analysis?

Ans
- ✓ 1. Divya Drishti
- ✗ 2. Divya Shakti
- ✗ 3. Divya Kanti
- ✗ 4. Divya Vani

Q.110 In September 2024, the Himachal Pradesh Vidhan Sabha announced the introduction of which of the following in its monsoon session?

Ans
- ✓ 1. Zero Hour
- ✗ 2. A digital legislative portal
- ✗ 3. Transgenders' representation in Assembly
- ✗ 4. A new tourism policy

Q.111 Which of the following is NOT a feature of globalisation?

Ans
- ✗ 1. Technological advancement
- ✗ 2. Movement of labour
- ✓ 3. Protectionism
- ✗ 4. Free trade

Q.112 In March 2024, the Prime Minister inaugurated a semiconductor fabrication facility at Dholera, and two Outsourced Semiconductor Assembly and Test (OSAT) facilities in which locations?

Ans
- ✗ 1. Hyderabad and Bengaluru
- ✗ 2. Guwahati and Ahmedabad
- ✓ 3. Morigaon and Sanand
- ✗ 4. Vadodara and Lucknow

Q.113 Which type of forests are found in areas with annual rainfall above 200 cm?

Ans
- ✗ 1. Tropical Deciduous Forests
- ✗ 2. Mangrove Forests
- ✗ 3. Montane Forests
- ✓ 4. Tropical Evergreen Forests

Q.114 Who founded the Mughal Empire in India?

Ans
- ✗ 1. Taimur
- ✓ 2. Babur
- ✗ 3. Sher Shah
- ✗ 4. Akbar

Q.115 Who among the following played a pivotal role in drafting the Indian Constitution and is often referred to as the 'Father of the Indian Constitution'?

Ans

✗ 1. Mahatma Gandhi

✗ 2. Sardar Vallabhbhai Patel

✓ 3. Dr BR Ambedkar

✗ 4. Jawaharlal Nehru

Q.116 In which of the following states is the Chota Nagpur Plateau located?

Ans

✗ 1. Telangana

✓ 2. Jharkhand

✗ 3. Rajasthan

✗ 4. Maharashtra

Q.117 Double Olympic medalist in shooting in 2024, Manu Bhaker was appointed as brand ambassador of which Indian Ministry?

Ans

✓ 1. Ministry of Ports, Shipping and Waterways

✗ 2. Ministry of Railways

✗ 3. Ministry of Education

✗ 4. Ministry of Youth Affairs and Sports

Q.118 Where did India's second nuclear power station come up, the first unit of which went into operation in August 1972?

Ans

✗ 1. Uttar Pradesh

✗ 2. Karnataka

✗ 3. Maharashtra

✓ 4. Rajasthan

Q.119 India ranks _____ in the world's GDP rankings for 2024 as per Forbes.

Ans

✗ 1. seventh

✗ 2. fourth

✓ 3. fifth

✗ 4. sixth

Q.120 Which of the following options does NOT represent one of Kepler's laws of planetary motion?

Ans

✓ 1. The orbit of all planets around the Sun are coplanar.

✗ 2. The orbit of each planet around the Sun is an ellipse with the Sun at one of the two foci.

✗ 3. A line segment joining a planet and the Sun sweeps out equal areas during equal intervals of time.

✗ 4. The square of the orbital period of a planet is directly proportional to the cube of the semi-major axis of its orbit.