रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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

Exam Date	02/03/2025
Centre Name	
Exam Time	9:00 AM - 10:30 AM

*** 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 **Two banks, A and B, offered loans at 3.5% and 6% per annum, respectively. David borrowed an amount of ₹360000 from each bank. Find the positive difference between the amounts of simple interest paid to the two banks by David after 3 years.**

Ans
✗ 1. 28500
✗ 2. 28000
✓ 3. 27000
✗ 4. 26500

Q.2 **A 120 m long train crosses a man walking at a speed of 8.5 km/h in the opposite direction in 12 seconds. What is the speed (in km/h) of the train?**

Ans
✗ 1. 23.3
✓ 2. 27.5
✗ 3. 29.1
✗ 4. 31.5

Q.3 Two pipes A and C can fill a tank in 10 hours and 15 hours respectively. If A is open all the time and C is open for 30 minutes, then find the time needed for the tank to be filled.

Ans
✗ 1. $9\frac{1}{3}$ hours
✗ 2. $8\frac{4}{3}$ hours
✓ 3. $9\frac{2}{3}$ hours
✗ 4. $8\frac{2}{3}$ hours

Q.4 **A number when increased by 50 %, gives 2490. The number is:**

Ans
✗ 1. 4980
✗ 2. 830
✗ 3. 3320
✓ 4. 1660

Q.5 Find the value of $\left(\frac{1}{7}\right)^{-4} + \left(\frac{1}{9}\right)^{-4} + \left(\frac{1}{5}\right)^{-4}$.

Ans
✗ 1. 9584
✗ 2. 9578
✓ 3. 9587
✗ 4. 9596

Q.6 Pinky bought 25 books at the rate of ₹14 each, 40 pens at the rate of ₹7 each and 15 pencils at the rate of ₹6 each. Calculate the average price (in ₹) of all the stationery goods.

Ans
✗ 1. 6
✗ 2. 7
✗ 3. 8
✓ 4. 9

Q.7 What is the smallest number which when divided by 36, 45 and 54, gives a remainder of 3 each time?

Ans
✗ 1. 537
✗ 2. 529
✗ 3. 547
✓ 4. 543

Q.8 Evaluate: 41 - [36 - {48 ÷ 2 - (4 - 8 ÷ 2) ÷ 3}]

Ans
✗ 1. 28
✗ 2. 31
✓ 3. 29
✗ 4. 30

Q.9 A pipe can fill a tank in 6 hours. Another pipe can empty the filled tank in 30 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. 15
✗ 2. 10
✗ 3. 20
✓ 4. 5

Q.10 A wholesaler purchases goods worth ₹25,000. The manufacturer offers a trade discount of 10% and an additional scheme discount of 5%. Calculate the net price of the goods after both discounts.

Ans
✓ 1. ₹21,375
✗ 2. ₹22,375
✗ 3. ₹21,275
✗ 4. ₹21,365

Q.11 Which of the following is the smallest fraction?

Ans
✓ 1. $\frac{17}{25}$
✗ 2. $\frac{31}{45}$
✗ 3. $\frac{24}{35}$
✗ 4. $\frac{11}{16}$

Q.12 Ravi bought a camera and paid 18% less than its original price. He sold it at 30% profit on the price he had paid. How much was the profit percentage earned by Ravi on the original price?

Ans
- ✗ 1. 6.2%
- ✗ 2. 5.9%
- ✗ 3. 5.7%
- ✓ 4. 6.6%

Q.13 The price of a TV was ₹55,000 last year, and this year it is ₹42,500. Find the percentage decrease in price. (Rounded up to two decimal places)

Ans
- ✓ 1. 22.73%
- ✗ 2. 25.42%
- ✗ 3. 15.50%
- ✗ 4. 72.23%

Q.14 The sum of five numbers is 655. The average of the first two numbers is 78 and the third number is 104. Find the average of the remaining two numbers?

Ans
- ✗ 1. 198.5
- ✗ 2. 182
- ✗ 3. 183
- ✓ 4. 197.5

Q.15 The perimeter of an equilateral triangle ABC is 10.2 cm. What is the area of the triangle ?

Ans
- ✗ 1. $1.89\sqrt{3}\ \text{cm}^2$
- ✓ 2. $2.89\sqrt{3}\ \text{cm}^2$
- ✗ 3. $28.9\sqrt{3}\ \text{cm}^2$
- ✗ 4. $18.9\sqrt{3}\ \text{cm}^2$

Q.16 Prem sells an article to Ria at a profit of 20%. Ria sells the article back to Prem at a loss of 20%. In this transaction:

Ans
- ✗ 1. Ria makes a profit of 24%
- ✗ 2. Ria incurs a loss of 12%
- ✓ 3. Prem makes a profit of 25%
- ✗ 4. Prem makes a profit of 12%

Q.17 The difference of two numbers is $\frac{1}{5}$ of their sum, and their sum is 45. Find the LCM.

Ans
- ✗ 1. 27
- ✓ 2. 54
- ✗ 3. 45
- ✗ 4. 36

Q.18 If two successive discounts of 8% and 9% are given, find the total discount percentage.

Ans
- ✗ 1. 15.28%
- ✗ 2. 18.28%
- ✓ 3. 16.28%
- ✗ 4. 20.28%

Q.19 An amount of ₹165 is divided among three persons in the ratio of 5 : 7 : 3. The difference between the largest and the smallest shares (in ₹) in the distribution is:

Ans
- ✔ 1. 44
- ✘ 2. 130
- ✘ 3. 11
- ✘ 4. 139

Q.20 There are 4182 students in a school and the ratio of boys to girls in the school is 23 : 28, then find the number of boys in school.

Ans
- ✘ 1. 1867
- ✔ 2. 1886
- ✘ 3. 1890
- ✘ 4. 1903

Q.21 Calculate the compound interest on ₹72,000 at the rate of 9% per annum for 18 months when interest is compounded half yearly (rounded off up to the nearest ₹).

Ans
- ✔ 1. ₹10,164
- ✘ 2. ₹10,557
- ✘ 3. ₹10,475
- ✘ 4. ₹10,361

Q.22 Which of the following statements is NOT correct?

Ans
- ✔ 1. A number is divisible by 11 if the sum of its digits is divisible by 11.
- ✘ 2. A number is divisible by 3 or 9 if the sum of digits is divisible by 3 or 9, respectively.
- ✘ 3. A number is divisible by 6 if the sum of its digits is divisible by 3 and the digit at unit place is an even digit.
- ✘ 4. A number is divisible by 5 if the digit at unit place is 5 or 0.

Q.23 The sum of five numbers is 655. The average of the first two numbers is 76 and the third number is 110. Find the average of the remaining two numbers?

Ans
- ✘ 1. 197.5
- ✘ 2. 186
- ✔ 3. 196.5
- ✘ 4. 187

Q.24 The volume of a cube is 6,58,503 cm^3. What is twice the length (in cm) of its side?

Ans
- ✔ 1. 174
- ✘ 2. 84
- ✘ 3. 86
- ✘ 4. 166

Q.25 In a race, an athlete covers a distance of 366 m in 61 sec in the first lap. He covers the second lap of the same length in 183 sec. What is the average speed (in m/sec) of the athlete?

Ans
- ✘ 1. 11
- ✘ 2. 10
- ✔ 3. 3
- ✘ 4. 8

Q.26 The average of first 111 even numbers is

Ans
- ✘ 1. 111.5
- ✘ 2. 112.5
- ✔ 3. 112
- ✘ 4. 113

Q.27 A bus travelling at 55 km/h completes a journey in 8 hours. At what speed will it have to cover the same distance in 20 hours?

Ans
- ✗ 1. 15 km/h
- ✓ 2. 22 km/h
- ✗ 3. 32 km/h
- ✗ 4. 30 km/h

Q.28 The sum of 10 numbers is 276. Find their average.

Ans
- ✓ 1. 27.6
- ✗ 2. 28.6
- ✗ 3. 26.6
- ✗ 4. 25.6

Q.29 The value of

$$6^3 - 5^2 + \left(\frac{24}{3}\right)^2 - 2 + 6 \times 1 = _____$$

Ans
- ✗ 1. 265
- ✓ 2. 259
- ✗ 3. 261
- ✗ 4. 264

Q.30 A 250 m long train overtakes a man moving at a speed of 7 km/h (in same direction) in 36 seconds. How much time (in seconds) will it take this train to completely cross another 415 m long train, moving in the opposite direction at a speed of 82 km/h?

Ans
- ✗ 1. 17
- ✗ 2. 30
- ✓ 3. 21
- ✗ 4. 31

Q.31 What is the rate percentage per annum if ₹4,800 amounts to ₹5,043 in 2 years when interest is compounded yearly?

Ans
- ✗ 1. 5%
- ✓ 2. 2.5%
- ✗ 3. 3%
- ✗ 4. 2.0%

Q.32 Which of the following numbers is the greatest of all?

Ans
- ✗ 1. $0.\overline{07}$
- ✗ 2. $0.0\overline{7}$
- ✗ 3. 0.7
- ✓ 4. $0.\overline{7}$

Q.33 The monthly incomes of two friends Amit and Gopal, are in the ratio 5 : 7 respectively and each of them saves ₹72000 every month. If the ratio of their monthly expenditure is 2 : 3, find the monthly income of Amit(in ₹).

Ans
- ✓ 1. 360000
- ✗ 2. 359000
- ✗ 3. 504000
- ✗ 4. 361000

Q.34 **Abhay and Bharat can complete a certain piece of work in 9 and 11 days, respectively, They started to work together, and after 3 days, Bharat left. In how many days will Abhay complete the remaining work?**

Ans

✔ 1. $\frac{117}{33}$

✘ 2. $\frac{117}{35}$

✘ 3. $\frac{116}{34}$

✘ 4. $\frac{115}{33}$

Q.35 **A solid sphere of diameter 6 cm is melted and then cast into cylindrical wire of radius 0.3 cm. Find the length of the wire.**

Ans

✘ 1. 50 cm

✘ 2. 3 m

✘ 3. 65 cm

✔ 4. 4 m

Section : **General Intelligence and Reasoning**

Q.36 **What should come in place of '?' in the given series based on the English alphabetical order?**

PZN, MXJ, JVF, GTB,?

Ans

✘ 1. DQX

✘ 2. DRD

✔ 3. DRX

✘ 4. DRC

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 shirts are jeans.
All jeans are ties.
No tie is a watch.

Conclusions:
I: All shirts are ties.
II: No jeans is a watch.

Ans

✘ 1. Neither conclusion I nor II follows.

✔ 2. Both conclusions I and II follow.

✘ 3. Only conclusion I follows.

✘ 4. Only conclusion II follows.

Q.38 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 pears are candles.
All foams are candles.
Conclusions:
(I): Some pears are foams.
(II): All candles are foams.

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

Q.39 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. NTP
✓ 2. TZU
✗ 3. QWS
✗ 4. KQM

Q.40 Seven people, A, B, C, D, E, F and G are sitting in a row, facing north. Only two people sit between D and B. Only C sits to the right of F. Only one person sits between B and F. E sits at some place to the right of A but at some place to the left of G. How many people sit between A and B?

Ans
✗ 1. 2
✗ 2. 3
✓ 3. 1
✗ 4. 4

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Q.41 What will come in the place of '?' in the following equation, if '+' and '÷' are interchanged and '×' and '–' are interchanged?
15 ÷ 27 x 14 + 7 - 10 = ?

Ans
✓ 1. 22
✗ 2. 42
✗ 3. 12
✗ 4. 32

Q.42 This question is based on the five, three-digit numbers given below.

(Left) 325 846 483 215 468 (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 second digit of the lowest number?

Ans
✓ 1. 5
✗ 2. 9
✗ 3. 7
✗ 4. 3

Q.43 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 waffles are corianders.
All foams are corianders.
Conclusions:
(I): Some waffles are foams.
(II): Some corianders are foams.

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

Q.44 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

MVR : NWS
DWE : EXF

Ans
✓ 1. OLS : PMT
✗ 2. GTR : HLO
✗ 3. BSI : DGY
✗ 4. WCH : XDL

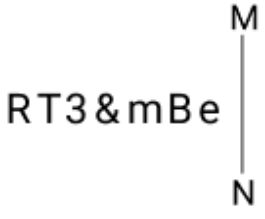
Q.45 A, F, J, K, P and Q live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. K lives immediately above P. Only two people lives between F and P. F lives on an odd numbered floor below P. Q lives immediately above J. How many people live below A?

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

Q.46 In a certain code language, ‘cakes are delicious’ is written as ‘su do ku’ and ‘I like cakes’ is coded as ‘mu su ru’. How is ‘cakes’ coded in the given language?

Ans
✗ 1. mu
✓ 2. su
✗ 3. ku
✗ 4. ru

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



Ans
✗ 1. ɘBɯ&3TЯ
✗ 2. Bem&ƐTЯ
✗ 3. ɘBm&ƐTR
✓ 4. ɘBm&ƐTЯ

Q.48 In a certain code language, ‘KIND’ is coded as ‘2861’, ‘SAND’ is coded as ‘9658’ and ‘SICK’ is coded as ‘7932’. What is the code for ‘A’ in the given code language?

Ans
- ✗ 1. 8
- ✗ 2. 9
- ✗ 3. 6
- ✓ 4. 5

Q.49 What should come in place of '?' in the given series based on the English alphabetical order?

MOR KMP IKN GIL ?

Ans
- ✗ 1. EGK
- ✗ 2. EHK
- ✓ 3. EGJ
- ✗ 4. EHJ

Q.50 What should come in place of the question mark (?) in the given series?

150 132 112 90 66 ?

Ans
- ✗ 1. 50
- ✗ 2. 20
- ✗ 3. 30
- ✓ 4. 40

Q.51 What should come in place of the question mark (?) in the given series?

47 56 74 101 137 ? 236

Ans
- ✗ 1. 184
- ✓ 2. 182
- ✗ 3. 180
- ✗ 4. 186

Q.52 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.)
11 - 121
1 - 1

Ans
- ✓ 1. 9 - 81
- ✗ 2. 4 - 64
- ✗ 3. 2 - 8
- ✗ 4. 14 - 169

Q.53 In a row of students in annual school parade, Adarsh is standing 8^{th} from the right end and 15^{th} from the left end. How many students are there in the parade line?

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

Q.54 What should come in place of the question mark (?) in the given series?

22 32 43 55 68 ?

Ans
✔ 1. 82
✘ 2. 102
✘ 3. 72
✘ 4. 92

Q.55 What will come in the place of the question mark (?) in the following equation if '2' and '5' are interchanged and '9' and '3' are interchanged?

2 – 12 ÷ 9 × 3 + 5 =?

Ans
✘ 1. -19
✔ 2. -29
✘ 3. -11
✘ 4. 3

Q.56 What will come in the place of the question mark (?) in the following equation if '4' and '5' are interchanged?

20 ÷ 4 + 5 × 10 = ?

Ans
✔ 1. 44
✘ 2. 100
✘ 3. 55
✘ 4. 80

Q.57 QTUY is related to WZAE in a certain way based on the English alphabetical order. In the same way, WZAE is related to CFGK. To which of the given options is ILMQ related, following the same logic?

Ans
✘ 1. ORRW
✘ 2. OQRW
✘ 3. OSRT
✔ 4. ORSW

Q.58 Seven friends C, D, E, P, Q, R and S are sitting in a straight line facing north. Only three people sit to the right of Q. Only C sits to the right of P. Only three people sit between P and E. D sits at some place to the left of R but at some place to the right of S. How many people sit between S and R?

Ans
✘ 1. Two
✘ 2. None
✔ 3. Three
✘ 4. One

Q.59 Seven people, E, F, G, H, X, Y and Z, are sitting in a row, facing north. Only two people sit to the left of G. Only three people sit between G and X. Only one person sits between X and Z. E sits to the immediate left of H. Y is not an immediate neighbor of X. How many people sit to the right of F?

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

Q.60 In a certain code language,
A + B means 'A is the mother of B'
A – B means 'A is the father of B'
A X B means 'A is the sister of B'
A / B means 'A is the brother of B'
A > B means 'A is the husband of B'
A * B means 'A is the wife of B'

How is K related to J if K – L – J X P * T?

Ans
✗ 1. Son
✗ 2. Brother
✓ 3. Father's father
✗ 4. Father

Q.61 Jeevan starts from Point A and drives 2 km towards the north. He then takes a left turn, drives 5 km, turns left and drives 3 km. He then takes a left turn and drives 6 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 degree turns only unless specified.)

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

Q.62 This question is based on the five, three-digit numbers given below.

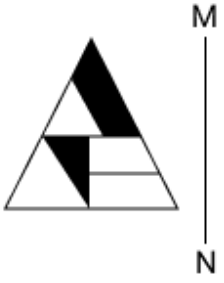
(Left) 482 254 371 273 463 (Right)

(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. 6
✗ 3. 9
✗ 4. 8

Q.63 **Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.**



Ans

✔ 1. 

✘ 2. 

✘ 3. 

✘ 4. 

Q.64 **Which of the following terms will replace the question mark (?) in the given series to make it logically complete?**

TBL 29, YYQ 26, DVV 23, ISA 20, ?

Ans

✘ 1. NVF 19

✔ 2. NPF 17

✘ 3. DVP 19

✘ 4. DPV 17

Q.65 **Suraj starts from Point A and drives 6 km towards north. He then takes a right turn, drives 5 km, turns right and drives 9 km. He then takes a right turn and drives 11 km. He takes a final right 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° turns only unless specified.)**

Ans

✔ 1. 6 km to the east

✘ 2. 5 km to the east

✘ 3. 5 km to the west

✘ 4. 6 km to the west

Q.66 **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.**
JIM : HKI
DCJ : BEF

Ans

✘ 1. OBL : MEH

✘ 2. QGT : OIW

✘ 3. VEF : THB

✔ 4. OHW : MJS

Q.67 In a certain code language, ‘CAGE’ is coded as ‘4982’, ‘GAIN’ is coded as ‘7418’ and ‘NILE’ is coded as ‘3179’. What is the code for ‘L’ in the given code language?

Ans
- ✗ 1. 1
- ✗ 2. 9
- ✗ 3. 7
- ✓ 4. 3

Q.68 In a certain code language,
A * B means ‘A is the brother of B’
A ? B means ‘A is the father of B’
A : B means ‘A is the son of B’
A = B means ‘ A is the wife of B’
Based on the above, how is M related to E if 'M : A = R * K ? E’?

Ans
- ✗ 1. Father's sister's sister
- ✗ 2. Father's mother's son
- ✓ 3. Father's brother's son
- ✗ 4. Father's son's brother

Q.69 Refer to the following series and answer the question (all numbers are single digit numbers only).
(Left) 5 6 9 7 4 5 3 7 8 3 4 2 1 5 7 9 8 1 2 3 4 3 6 2 1 5 7 (Right)
How many such odd digits are there each of which is immediately preceded by an even digit and also immediately followed by an odd digit?

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

Q.70 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. DI:KQ
- ✗ 2. MR:TY
- ✗ 3. WB:DI
- ✗ 4. TY:AF

Section : General Awareness

Q.71 Who was responsible for District administration in the Maurya empire?

Ans
- ✓ 1. Pradeshika
- ✗ 2. Yukta
- ✗ 3. Koshadhyaksha
- ✗ 4. Purohit

Q.72 Malwa plateau lies to the north of the _____ river.

Ans
- ✗ 1. Luni
- ✗ 2. Son
- ✓ 3. Narmada
- ✗ 4. Beas

Q.73 In October 2024, HDFC Bank officially announced the divestment of its entire 100% stake in HDFC Education and Development Services Pvt. Ltd (HDFC Edu) to Vama Sundari Investments for ₹192 crore. What is the price per share for this transaction?

Ans
- ✗ 1. ₹5.60 per share
- ✗ 2. ₹8.40 per share
- ✓ 3. ₹9.60 per share
- ✗ 4. ₹10.80 per share

Q.74 On 22 October 2024, the Reserve Bank updated its 'alert list' of unauthorised forex trading platforms by adding how many more entities?

Ans
- ✗ 1. 9
- ✗ 2. 16
- ✓ 3. 13
- ✗ 4. 11

Q.75 At which place was a resolution declared, demanding the immediate end of British rule which was passed by the All-India Congress Committee on 8 August 1942?

Ans
- ✓ 1. Bombay
- ✗ 2. Nagpur
- ✗ 3. Ahmedabad
- ✗ 4. Amritsar

Q.76 Which Schedule of the Indian Constitution outlines the allocation of seats in the Council of States?

Ans
- ✗ 1. Sixth Schedule
- ✗ 2. Seventh Schedule
- ✗ 3. Fifth Schedule
- ✓ 4. Fourth Schedule

Q.77 Which state was the largest producer of sugarcane in India during 2023-24 according to the Directorate of Sugarcane Development?

Ans
- ✗ 1. Maharashtra
- ✗ 2. Karnataka
- ✗ 3. Tamil Nadu
- ✓ 4. Uttar Pradesh

Q.78 Which of the following countries signed a bilateral Customs Cooperation Arrangement agreement in August 2024?

Ans
- ✗ 1. India and Singapore
- ✓ 2. India and New Zealand
- ✗ 3. New Zealand and Bhutan
- ✗ 4. Singapore and New Zealand

Q.79 The Swaran Singh Committee recommendation added which of the following to the Indian Constitution?

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

Q.80 What was the major impact of British policies on Indian handicrafts?

Ans
- ✔ 1. Decline due to competition with British goods
- ✘ 2. Support for indigenous industries
- ✘ 3. Modernisation of traditional crafts
- ✘ 4. Flourishing export markets

Q.81 In November 2024, RBI cancelled the certificate of registration of which of the following non-banking financial companies?

Ans
- ✘ 1. LIC and Ulhas Investment Ltd.
- ✔ 2. Ulhas Securities Pvt. Ltd. and Sikar Investment Co. Ltd.
- ✘ 3. Bajaj Finserv and CITI Bank
- ✘ 4. CITI Bank and LIC

Q.82 On 3 February 1925, the first electric train in India ran between which two stations?

Ans
- ✘ 1. Delhi and Agra
- ✘ 2. Howrah and Raniganj
- ✘ 3. Chennai and Bangalore
- ✔ 4. Bombay VT and Kurla Harbour

Q.83 Which of the following Articles of the Constitution was amended to include the Right to Education as a Fundamental Right?

Ans
- ✘ 1. Article 19
- ✔ 2. Article 21
- ✘ 3. Article 18
- ✘ 4. Article 30

Q.84 Which of the following mountain passes connects India with China?

Ans
- ✘ 1. Zoji La
- ✘ 2. Thal Ghat
- ✘ 3. Rohtang Pass
- ✔ 4. Nathula

Q.85 The Gangaur festival of Rajasthan, which is devoted to Goddess Parvati, lasts for _____ days.

Ans
- ✘ 1. 12
- ✘ 2. 15
- ✘ 3. 21
- ✔ 4. 18

Q.86 In which of the following regions is the Karakoram Range located?

Ans
- ✘ 1. North-eastern India
- ✘ 2. Eastern India
- ✔ 3. Northern India
- ✘ 4. Southern India

Q.87 The areas in which children grow are _____.
1. Physical
2. Psychological
3. Social Cultural
4. Sexual

Ans
✔ 1. 1, 2 and 4 only
✘ 2. 2, 3 and 4 only
✘ 3. 1, 2 and 3 only
✘ 4. 1, 2, 3 and 4

Q.88 10^{-9} m = _____ Å.

Ans
✔ 1. 10
✘ 2. 0.1
✘ 3. 100
✘ 4. 1

Q.89 Which agency in India is responsible for formulating the Five Year Plans?

Ans
✘ 1. Reserve Bank of India
✘ 2. Ministry of Finance
✔ 3. Planning Commission (up to 2014)
✘ 4. National Development Council

Q.90 Keeping the linear velocity of a particle moving in a circular path constant, as the radius of the circular path decreases, the centripetal acceleration:

Ans
✘ 1. remains the same
✘ 2. decreases
✘ 3. decreases initially and then increases
✔ 4. increases

Q.91 Which Finance Minister in 1991 initiated a series of reforms that freed up the Indian economy and put the country on a strong growth path?

Ans
✘ 1. P Chidambaram
✘ 2. Chandra Shekhar
✘ 3. Yashwant Sinha
✔ 4. Manmohan Singh

Q.92 In which city of UAE is IIT Madras set to launch its first international flagship centre for research, innovation and entrepreneurship as early as 2025?

Ans
✘ 1. Sharjah
✘ 2. Abu Dhabi
✔ 3. Dubai
✘ 4. Fujairah

Q.93 Who was one of the British officers whose forces defeated Nana Sahib's rebel force during the First War of Independence in 1857?

Ans
✘ 1. Henry Lawrence
✔ 2. Major General Havelock
✘ 3. John Nicholson
✘ 4. General Hugh Rose

Q.94 Presently, which of the following advanced molecular methods is used to develop crops with enhanced traits and resilience?

Ans

✗ 1. Artificial pollination

✗ 2. Hybrid seed technology

✓ 3. CRISPR-Cas9 gene editing

✗ 4. Natural selection

Q.95 On 21 September 2024, the fourth Quad Leaders' Summit was hosted by President Joseph R Biden, Jr. in Wilmington, Delaware. Which of the following areas was NOT a focus of the Quad's initiatives discussed during the Summit?

Ans

✗ 1. Cybersecurity development

✗ 2. Climate change response

✓ 3. Military defense cooperation

✗ 4. Strengthening maritime security

Q.96 On which day did Union Home Minister Amit Shah inaugurate the 'Run for Unity' event in New Delhi as part of National Unity Day?

Ans

✓ 1. 29 October 2024

✗ 2. 21 October 2024

✗ 3. 31 October 2024

✗ 4. 25 October 2024

Q.97 Which festival is dedicated to the worship of Lord Jagannath?

Ans

✗ 1. Shivratri

✗ 2. Vasant Panchami

✓ 3. Rath Yatra

✗ 4. Deepawali

Q.98 What was the average (median) Cash Reserve Ratio (CRR) in India from September 1962 to 30 October 2024?

Ans

✗ 1. 4.200%

✓ 2. 4.000%

✗ 3. 4.500%

✗ 4. 3.000%

Q.99 The term of office for the Chief Election Commissioner of India is:

Ans

✗ 1. 5 years or up to 65 years of age, whichever is earlier

✓ 2. 6 years or up to 65 years of age, whichever is earlier

✗ 3. 5 years or up to 70 years of age, whichever is earlier

✗ 4. 6 years or up to 70 years of age, whichever is earlier

Q.100 Which of the following editions of India-Australia Maritime Security Dialogue was held on 13 August 2024 in Canberra?

Ans

✗ 1. 4^{th}

✗ 2. 1^{st}

✓ 3. 6^{th}

✗ 4. 3^{rd}

Q.101 In which month is the Elephanta festival organised every year by the Maharashtra Tourism Development Corporation (MTDC) to promote Mumbai tourism and culture?

Ans

✗ 1. July

✗ 2. January

✗ 3. August

✓ 4. February

Q.102 The Reserve Bank of India (RBI) established an eight-member committee to develop a Framework for Responsible and Ethical AI (FREE-AI) adoption in the financial sector in December 2024. Who is the chairperson of this committee?

Ans

✗ 1. Raghuram Rajan

✗ 2. Arvind Subramanian

✗ 3. Urjit Patel

✓ 4. Pushpak Bhattacharyya

Q.103 Slash and Burn agriculture is known as _____ in Madhya Pradesh.

Ans

✗ 1. Koman

✗ 2. Pama Dabi

✗ 3. Bringa

✓ 4. Dahiya

Q.104 Which of the following statements about the role of women is correct, in the revolt of 1857?

Ans

✗ 1. Women did not take part in the revolt at any level.

✗ 2. Only Rani Lakshmibai of Jhansi participated in the revolt.

✓ 3. Women like Rani Lakshmibai and Begum Hazrat Mahal played key roles.

✗ 4. Women were forced to support the British in the revolt.

Q.105 When cotton and rubber are rubbed together, it will result in which of the following?

Ans

✓ 1. Cotton will be positively charged and rubber negatively charged.

✗ 2. Rubber will be positively charged and cotton negatively charged.

✗ 3. Cotton and rubber will be positively charged.

✗ 4. Cotton and rubber will be negatively charged.

Q.106 Which Directive Principle of State Policy focuses on the provision of just and humane conditions for work?

Ans

✓ 1. Article 42

✗ 2. Article 50

✗ 3. Article 51

✗ 4. Article 47

Q.107 What is one effect of liberalisation in the industrial sector?

Ans

✗ 1. Fewer job opportunities

✗ 2. Higher import taxes

✗ 3. Complete government control

✓ 4. Increased competition

Q.108 When did the Britishers recapture Delhi after the First War of Independence?

Ans

✗ 1. September 1859

✓ 2. September 1857

✗ 3. September 1858

✗ 4. September 1860

Q.109 **GM _____ clinched the Chennai Grand Masters 2024 title.**

Ans

✗ 1. Pentala Harikrishna

✓ 2. Aravindh Chithambaram

✗ 3. Praggnanadhaa R

✗ 4. Vidit Gujrathi

Q.110 **Which prominent Indian economist, known for his role as Chairman of the Economic Advisory Council to the Prime Minister, passed away on 1st November 2024 at the age of 69 years?**

Ans

✓ 1. Bibek Debroy

✗ 2. Raghuram Rajan

✗ 3. Manmohan Singh

✗ 4. C Rangarajan

Q.111 **The Development of Women and Children in Rural Areas (DWCRA) program was launched in the year _____.**

Ans

✗ 1. 1985

✗ 2. 1981

✓ 3. 1982

✗ 4. 1980

Q.112 **According to the Constitution of India, who conducts the Election of the Vice-President of India?**

Ans

✗ 1. The Legislature Councils of all States

✗ 2. The Legislative Assemblies of all States

✓ 3. The Election Commission of India

✗ 4. The Parliament of India

Q.113 **How many new criminal laws has the Indian Government implemented from July 1, 2024?**

Ans

✗ 1. 5

✗ 2. 4

✓ 3. 3

✗ 4. 2

Q.114 **The 3rd step of the Carnot cycle is:**

Ans

✗ 1. reversible isothermal expansion

✗ 2. reversible adiabatic expansion

✗ 3. reversible adiabatic compression

✓ 4. reversible isothermal compression

Q.115 **Magnetic field lines represent the path along which _____.**

Ans

✗ 1. a free proton would tend to move

✗ 2. a free electron would tend to move

✗ 3. a hypothetical free south pole would tend to move

✓ 4. a hypothetical free north pole would tend to move

Q.116 Match the items in List I with those in List II, and select the correct answer using the codes provided below.

List I (Elephant Corridors) List II (State)
(1) Durpong-Doimukh at Khundakhuwa (A) Andhra Pradesh
(2) Deosur Corridor (B) Assam
(3) Jamui- Jhajha- Chakayi (C) Bihar
(4) Nagdhara-Baraud (D) Chhattisgarh

Ans
- ✗ 1. 1-(D), 2-(B), 3-(C), 4-(A)
- ✗ 2. 1-(B), 2-(A), 3-(C), 4-(D)
- ✗ 3. 1-(A), 2-(B), 3-(D), 4-(C)
- ✓ 4. 1-(A), 2-(B), 3-(C), 4-(D)

Q.117 In which year did the 'Manipur Sangai Festival' start, which is named after the state animal, sangai?

Ans
- ✓ 1. 2010
- ✗ 2. 2005
- ✗ 3. 2020
- ✗ 4. 2015

Q.118 Which type of unemployment occurs when there is a mismatch between skills and job requirements?

Ans
- ✗ 1. Cyclical
- ✗ 2. Seasonal
- ✓ 3. Structural
- ✗ 4. Frictional

Q.119 Which of the following officers was known as Akaradhyaksha during the Mauryan period?

Ans
- ✗ 1. Officer in-charge of Agriculture
- ✗ 2. Superintendent of Iron
- ✓ 3. Superintendent of Mines
- ✗ 4. Superintendent of Market

Q.120 Articles 36 to 51 containing 'Directive Principles of State Policy' come under which Part of the Constitution?

Ans
- ✗ 1. Part III
- ✗ 2. Part II
- ✓ 3. Part IV
- ✗ 4. Part V