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रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सी ई एन आर पी एफ - ०१/२०२४ - CEN RPF - 01/2024

Community	ST
Test Center Name	iON Digital Zone iDZ Borjhar
Test Date	12/12/2024
Test Time	4:00 PM - 5:30 PM
Subject	Recruitment of Sub Inspector Executive in Railway Protection Force and Railway Protection Special Force

*** 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 The value of

$$\frac{4}{6}+\frac{4}{6}+\frac{2}{12}+\frac{4}{6}-4=$$

Ans
✗ 1. $-\frac{25}{12}$
✗ 2. $-\frac{23}{12}$
✗ 3. $-\frac{18}{12}$
✓ 4. $-\frac{22}{12}$

Q.2 The sides of a triangle are 16 cm, 30 cm, and 34 cm. What is its area? (in cm^2)

Ans
✗ 1. 225
✗ 2. 270
✓ 3. 240
✗ 4. 257

Q.3 If $16 \times 8 \times 700 \div \sqrt{2500} = y + 667$, then find the value of y.

Ans
✓ 1. 1125
✗ 2. 1115
✗ 3. 1117
✗ 4. 1124

Q.4 LCM and HCF of two numbers are 108 and 9 respectively. If one of the numbers is 36, then find the other number.

Ans
✗ 1. 30
✓ 2. 27
✗ 3. 28
✗ 4. 25

Q.5 Three partners invested in a business in the ratio 2:7:8. They invested their capitals for 4 months, 1 months and 10 months, respectively. What was the ratio of their profits?

Ans
✓ 1. 8:7:80
✗ 2. 6:7:80
✗ 3. 7:7:80
✗ 4. 10:7:80

Q.6 Two trains of equal length are running on parallel lines in the same direction at speeds of 101 km/h and 65 km/h. The faster train passes the slower train in 30 seconds. The length of each train is:

Ans
✗ 1. 137 meters
✓ 2. 150 meters
✗ 3. 155 meters
✗ 4. 152 meters

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Q.7 A man walks to a viewpoint and returns to the starting point by his car maintaining constant speed and thus takes a total time of 6 hours 45 minutes. He would have gained 4 hours by driving both ways. How long would it have taken for him to walk both ways with same walking speed?

Ans
✗ 1. 10 hours 30 minutes
✓ 2. 10 hours 45 minutes
✗ 3. 11 hours 15 minutes
✗ 4. 9 hours 45 minutes

Q.8 The average price of three items of furniture is Rs 15885. If their prices are in the ratio 3:5:7, the price of the costliest item (in Rs) is

Ans
✗ 1. 7413
✗ 2. 5295
✗ 3. 3177
✓ 4. 22239

Q.9 The smallest 1-digit number to be added to the 6-digit number 638970 so that it is completely divisible by 11 is:

Ans
✓ 1. 9
✗ 2. 4
✗ 3. 5
✗ 4. 6

Q.10 A can is completely filled with milk. 6 litre of milk is taken out of the can and is filled with water. This operation is performed four more times. Now, the ratio of milk and water in the can is 32 : 211. What is the volume of the can?

Ans
✗ 1. 21 litre
✓ 2. 18 litre
✗ 3. 20 litre
✗ 4. 15 litre

Q.11 Which of the following fractions is the largest?

$\frac{7}{8}, \frac{3}{34}, \frac{21}{81}, \frac{75}{76}$

Ans
✗ 1. $\frac{3}{34}$
✗ 2. $\frac{7}{8}$
✓ 3. $\frac{75}{76}$
✗ 4. $\frac{21}{81}$

Q.12 A number when increased by 50 %', gives 3930. The number is:

Ans
✗ 1. 1310
✓ 2. 2620
✗ 3. 5240
✗ 4. 7860

Q.13 The table below shows the profit earned by five friends in four different years. Study the table carefully to answer the question that follows.

Friends	2020	2021	2022	2023
Alex	9310	7250	6523	3546
Balaji	8240	7500	6542	2563
Chand	7560	6540	5140	2580
Dinesh	3524	6000	6780	3870
Elena	4260	9170	5010	6520

Find the amount which when lent on compound interest at 15% interest being compounded annually for 2 years, gives total interest equal to profit earned by Chand in 2023.

Ans
✗ 1. ₹7,000
✗ 2. ₹9,000
✓ 3. ₹8,000
✗ 4. ₹6,000

Q.14 Which of the following fractions is the largest?

$\frac{4}{9}, \frac{4}{26}, \frac{56}{71}, \frac{28}{81}$

Ans
- ✗ 1. $\frac{4}{9}$
- ✗ 2. $\frac{28}{81}$
- ✗ 3. $\frac{4}{26}$
- ✓ 4. $\frac{56}{71}$

Q.15 At what rate per cent per annum will a certain sum of money multiply itself by 97 times in 2 years, the interest being compounded annually? [Give your answer correct to 1 decimal place.]

Ans
- ✗ 1. 887.2
- ✗ 2. 884.6
- ✗ 3. 881.8
- ✓ 4. 884.8

Q.16 A sum, when invested at 10% simple interest per annum, amounts to ₹9600 after 2 years. What is the simple interest (in ₹) on the same sum at the same rate in 1 year?

Ans
- ✓ 1. 800
- ✗ 2. 1600
- ✗ 3. 400
- ✗ 4. 3200

Q.17 During sale, Raghav bought a notebook marked for ₹100 at 53% discount and a pen marked for ₹40 at 85% discount. How much (in ₹) did he save due to sale?

Ans
- ✗ 1. 89
- ✗ 2. 85
- ✓ 3. 87
- ✗ 4. 90

Q.18 Isha and Anshu together invested ₹44300 in a business. At the end of the year, out of a total profit of ₹7000, Isha's share was ₹1400. What was the investment of Anshu?

Ans
- ✗ 1. ₹35190
- ✗ 2. ₹33845
- ✗ 3. ₹37060
- ✓ 4. ₹35440

Q.19 In a cluster, 3 weavers can make 12 sarees in 4 days. Find the average number of sarees that can be made by each weaver in a day.

Ans
- ✗ 1. 2.5
- ✗ 2. 2
- ✗ 3. 1.5
- ✓ 4. 1

Q.20 A train runs at a speed of 96 kmph to cover a distance of 288 km and then at a speed of 126 kmph to cover a distance of 252 km. Find the average speed of the train for the entire distance.

Ans
- ✓ 1. 108 kmph
- ✗ 2. 86 kmph
- ✗ 3. 158 kmph
- ✗ 4. 90 kmph

Q.21 A dishonest vendor claims that he is selling goods at their cost price. But he is weighing 918 grams for 1000 grams. What is his profit percentage (rounded off to 2 decimal places)?

Ans
- ✗ 1. 5
- ✗ 2. 14.5
- ✗ 3. 5.68
- ✓ 4. 8.93

Q.22 The smallest natural number which is divisible by 15, 60, 6 and 17 is:

Ans
- ✗ 1. 1065
- ✓ 2. 1020
- ✗ 3. 1106
- ✗ 4. 1030

Q.23 Raghav's average earning per month in the first three months of a year was ₹22560. In April, his earning was 50% more than the average earning in the first three months. If his average earning per month for the whole year is ₹90078, then what will be Raghav's average earning (in ₹) per month from May to December?

Ans
✗ 1. 122423
✓ 2. 122427
✗ 3. 122430
✗ 4. 122428

Q.24 LCM and HCF of two numbers are 180 and 12 respectively. If one of the numbers is 36, then find the other number.

Ans
✗ 1. 61
✗ 2. 62
✓ 3. 60
✗ 4. 58

Q.25 Three partners invested in a business in the ratio 6:3:2. They invested their capitals for 7 months, 4 months and 3 months, respectively. What was the ratio of their profits?

Ans
✗ 1. 8:2:1
✓ 2. 7:2:1
✗ 3. 10:2:1
✗ 4. 6:2:1

Q.26 If 25% of a number is added to 72, then the result is the same number. 70% of the same number is:

Ans
✗ 1. 97.2
✗ 2. 87.2
✗ 3. 37.2
✓ 4. 67.2

Q.27 A shopkeeper lists the price of a fan at 25% above its cost price and offers a 16% discount on its list price. If he earns a profit of ₹141, then what is the list price (in ₹) of the fan?

Ans
✗ 1. 3305
✗ 2. 3321
✗ 3. 3268
✓ 4. 3525

Q.28 $\frac{(a^8 \times b^6 \times c^9)}{(a^4 \times b^9 \times c^9)}$ in simplified form is:

Ans
✗ 1. $(a^{-6}) \times (b^{-1}) \times (c^6)$
✓ 2. $(a^4) \times (b^{-3}) \times (c^0)$
✗ 3. $(a^{10}) \times (b^{-1}) \times (c^{-4})$
✗ 4. $(a^{-7}) \times (b^{-8}) \times (c^1)$

Q.29 The average price of three items of furniture is Rs 15975. If their prices are in the ratio 3:5:7, the price of the costliest item (in Rs) is

Ans
✗ 1. 5325
✗ 2. 3195
✗ 3. 7455
✓ 4. 22365

Q.30 Vishal covers 104 km in a boat in 30 hours against the stream and he takes 12 hours with the stream then find the speed of the stream?

Ans
✓ 1. 2.6 km/h
✗ 2. 11.35 km/h
✗ 3. 7.52 km/h
✗ 4. 6.65 km/h

Q.31 A shopkeeper sells an item for ₹583.2 after giving two successive discounts of 25% and 40% on its marked price. Had he not given any discount, he would have earned a profit of 62%. What is the cost price (in ₹) of the item?

Ans
✗ 1. 838
✗ 2. 831
✓ 3. 800
✗ 4. 824

Q.32 The LCM of 27, 48, 276 and 368 is:

Ans
✗ 1. 9855
✓ 2. 9936
✗ 3. 9927
✗ 4. 9988

Q.33 Tarika has a decorative wall – hanging in the shape of a regular hexagon having side 10 cm. What is the area (in cm^2) of the decor
(Take $\sqrt{3} = 1.7$)

Ans
✗ 1. 265
✗ 2. 250
✗ 3. 260
✓ 4. 255

Q.34 Suman invested a sum of ₹8000 at 5% per annum compound interest, componded annually. If she received an amount of ₹9261 after n years, the value of n is:

Ans
✗ 1. 3.5
✗ 2. 4
✗ 3. 2.79999995231628
✓ 4. 3

Q.35 The ratio of the heights of a right circular cone and a right circular cylinder is 3 : 8 and the ratio of the radii of their bases is 8 : 5. If the volume of the cylinder is 400 cm^3, then the volume (in cm^3) of the cone is:

Ans
✗ 1. 131
✗ 2. 134
✗ 3. 124
✓ 4. 128

Section : **General Intelligence and Reasoning**

Q.36 Y, X, D, E, U, G and P have different ages. X is younger than U. Only Y is elder than G. Only one person is aged between X and G. D is elder than E but younger than P. Who is the third youngest?

Ans
✗ 1. G
✗ 2. U
✗ 3. D
✓ 4. P

Q.37 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: AGJ :: GMP : %

Ans
✓ 1. # = WCF; % = KQT
✗ 2. # = XCF; % = KQT
✗ 3. # = WCF; % = KQI
✗ 4. # = WYF; % = KQT

Q.38 Stu starts from Point A and drives 31 km towards south. He then takes a right turn, drives 36 km, turns right and drives 11 km. He then takes a right turn and drives 12 km. He then takes a right turn, drives 16 km, turns left and drives 9 km. He takes a final left turn, drives 36 km and stops at Point P. How far (the 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. 11 km towards east
✗ 2. 13 km towards south
✓ 3. 15 km towards east
✗ 4. 17 km towards south

Q.39 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: LFI :: SMP : %

Ans
✗ 1. # = RTM, % = MKL
✗ 2. # = BJM, % = LPI
✓ 3. # = PJM, % = OIL
✗ 4. # = GHT, % = LJH

Q.40 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. XUS
✗ 2. JGE
✗ 3. LIG
✓ 4. AYV

Q.41 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1378564, what will be difference between the highest and lowest digits in the new number thus formed?

Ans
✗ 1. 8
✗ 2. 2
✗ 3. 4
✓ 4. 6

Q.42 Which numbers should come in place of the question mark (?) in the same sequence to make the series logically complete?

7 24 58 126 262 ?

Ans
✔ 1. 534
✘ 2. 484
✘ 3. 492
✘ 4. 593

Q.43 Refer to the following number, symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 2 & 4 6 % 7 $ & 1 # 3 Ω @ 8 * £ 5 9 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by another number?

Ans
✘ 1. None
✔ 2. More than two
✘ 3. Two
✘ 4. One

Q.44 Based on the English alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that DOES NOT belong to that group?

Ans
✘ 1. AVF
✘ 2. MHR
✔ 3. JFO
✘ 4. UPZ

Q.45 Seven boxes O, P, Q, R, S, T and D are kept one over the other but not necessarily in the same order. Only three boxes are kept above T. Only one box is kept between O and T. Only three boxes are kept between O and D. D is kept at some place above T. P is kept immediately below D. S is kept at one of the places above R. Q is not kept immediately above or below O. How many boxes are kept between Q and R?

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

Q.46 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

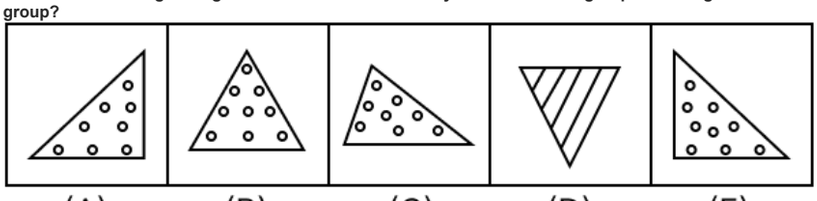
SVX QTV ORT MPR ?

Ans
✔ 1. KNP
✘ 2. KNO
✘ 3. KMP
✘ 4. KMO

Q.47 This question is based on the five, three-digit numbers given below.
(Left) 759 843 719 857 735 (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. 4
✘ 2. 5
✘ 3. 7
✔ 4. 6

Q.48 Four of the following five figures are alike in a certain way and thus form a group. Which figure DOES NOT belong to that group?



Ans
✘ 1. C
✘ 2. E
✘ 3. B
✔ 4. D

Q.49 Refer to the given letter, number, symbol series and answer the question that follows.

(Left) 5 4 D * S R + 6 3 % 7 Y # K E G 2 C & T @ (Right)

How many such numbers are there, that are immediately preceded by a letter and also immediately followed by a symbol?

Ans
✘ 1. 3
✘ 2. 1
✘ 3. 2
✔ 4. 0

Q.50 Select the term from among the given options that can replace the question mark (?) in the following series.

RXU 34 TUQ 23 VRM 12 XOI 1 ?

Ans
✗ 1. ZFE -15
✗ 2. VNT -13
✓ 3. ZLE -10
✗ 4. XKE -14

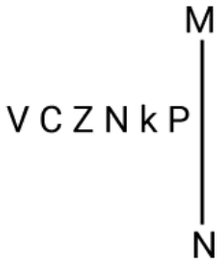
Q.51 Refer to the following letter, number and symbol series and answer the question that follows. Counting to be done from left to right only.

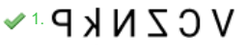
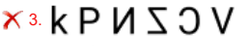
(Left) Y # 3 R 6 C & T % 7 2 K & 5 G E * S D 4 @ (Right)

How many such letters are there which are immediately preceded by a symbol and also immediately followed by a number?

Ans
✓ 1. 0
✗ 2. 1
✗ 3. 3
✗ 4. 2

Q.52 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown.



Ans
✓ 1. 
✗ 2.
✗ 3. 
✗ 4.

Q.53 In a certain code language, 'SKEW' is coded as '1836' and 'WOKE' is coded as '6283'. What is the code for 'O' in the given code language?

Ans
✗ 1. 8
✗ 2. 6
✗ 3. 3
✓ 4. 2

Q.54 A, B, C, D, E and F 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. E lives on a floor that is a prime number. The product of the floors on which E and C live is 8. F lives immediately above A. The sum of floors on which C and B live is 7. How many people live between E and F?

Ans
✗ 1. 4
✗ 2. 1
✗ 3. 2
✓ 4. 3

Q.55 Seven people, B, C, D, E, F, G and Q, are sitting around a circular table facing the centre of the table. D sits fourth to the right of B. Only D sits between Q and E. Only F sits between B and E. E sits third to the left of G. How many people sit between F and C when counted from the right of F?

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

Q.56 In a certain code language, 'believe in yourself' is coded as 'mb tk jb' and 'in the middle' is coded as 'ab jb wt'. How is 'in' coded in the given language?

Ans
✓ 1. jb
✗ 2. tk
✗ 3. ab
✗ 4. mb

Q.57 35 is related to 42 following a certain logic. Following the same logic, 80 is related to 96. To which of the following is 65 related, following the same logic?
(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.)

Ans
✓ 1. 78
✗ 2. 72
✗ 3. 76
✗ 4. 84

Q.58 All 38 people are standing in a row facing north. Vikash is 18th from the right end while Kerisha is 12th from the left end. How many people are there between Vikash and Kerisha?

Ans
✔ 1. 8
✘ 2. 5
✘ 3. 6
✘ 4. 7

Q.59 In a certain code language, 'WIDE' is coded as '6879' and 'DOGS' is coded as '4318'. What is the code for 'D' in that language?

Ans
✔ 1. 8
✘ 2. 7
✘ 3. 1
✘ 4. 4

Q.60 Naman starts from Point A and drives 8 km towards East. He then takes a right turn, drives 5 km, turns right and drives 10 km. He then takes a right turn and drives 12 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. 6 km to the North
✘ 2. 7 km to the North
✔ 3. 7 km to the South
✘ 4. 6 km to the South

Q.61 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?

Ans
✘ 1. BW : ZU
✘ 2. HC : FA
✔ 3. EZ : DX
✘ 4. UP : SN

Q.62 If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '−' and 'S' stands for '+', what will come in place of the question mark '?' in the following equation?
(32 S 32) S (24 S 24) P 2 R 60 S 108 Q 2 = ?

Ans
✘ 1. 190
✘ 2. 150
✔ 3. 154
✘ 4. 170

Q.63 A, B, C, D, E, F and G sit around a circular table facing centre. Only three people sit between A and C when counted from the left of A. Only three people sit between E and G when counted from the right of G.B sits to the immediate right of E. D is an immediate neighbour of G as well as C. How many people sit between B and F when counted from the right of F?

Ans
✘ 1. 4
✘ 2. 3
✔ 3. 1
✘ 4. 2

Q.64 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 spoons are forks.
All forks are jars.
Some jars are plates.

Conclusions:
(I): Some forks are plates.
(II): Some spoons are plates.

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

Q.65 23 is related to 21.7 following a certain logic. Following the same logic, 29.4 is related to 28.1. To which of the following is 26.8 related, following the same logic?

(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.)

Ans
✘ 1. 24.5
✘ 2. 25.7
✔ 3. 25.5
✘ 4. 25.1

Q.66 C is the son of F. F is the brother of E. E is the son of G. G is the wife of H. How is C related to H?

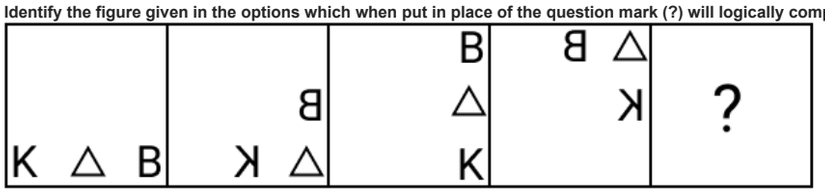
Ans
✘ 1. Son's daughter
✘ 2. Son
✘ 3. Son's wife
✔ 4. Son's son

Q.67 Select the triad that follows the same pattern as the one followed by the two triads given below. Both triads follow the same pattern.

KG-NI-PS
NJ-QL-SV

Ans
1. RM-TP-VZ
2. QM-TO-VY
3. QM-TO-VZ
4. RM-TO-VZ

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

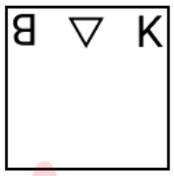


Ans

1.

2.

3.

4. 

Q.69 Each of the digits in the number 7832145 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

Ans
1. 9
2. 6
3. 8
4. 10

Q.70 S is the wife of D. D is the brother of F. F is the mother of G. G is the father of H. How is S related to H?

Ans
1. Mother's mother's brother's wife
2. Mother's father's brother's wife
3. Father's father's brother's wife
4. Father's mother's brother's wife

Section : **General Awareness**

Q.71 Which of the following international sports event was NOT held in the year 2023?

Ans
1. World Wrestling Championship
2. Commonwealth Games
3. Asian Games
4. ICC Mens's Cricket World Cup

Q.72 Which Article of the Indian Constitution provides for an independent Election Commission for the 'superintendence, directions and control of the electoral roll and the conduct of the elections of India?

Ans
1. Article 321
2. Article 333
3. Article 322
4. Article 324

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Q.73 In which of the following years was Rajiv-Longowal Peace accord signed by Indian Prime Minster Rajeev Gandhi and Akali leader Harchand Singh Longowal?

Ans
- ✗ 1. 1984
- ✗ 2. 1986
- ✓ 3. 1985
- ✗ 4. 1987

Q.74 In November 2023, generic drugs for four rare diseases were made available in India, out of which 'Nitisinone' is used for the treatment of:

Ans
- ✓ 1. Tyrosinemia Type 1
- ✗ 2. Gaucher's Disease
- ✗ 3. Wilson's Disease
- ✗ 4. Dravet and Lennox-Gastaut syndromes

Q.75 Which of the following Articles of the Indian Constitution deals with the administration of Union Territories?

Ans
- ✗ 1. Article 245
- ✗ 2. Article 260
- ✗ 3. Article 255
- ✓ 4. Article 239

Q.76 In 1309, who invaded the Kakatiya kingdom?

Ans
- ✗ 1. Vir Pandya
- ✗ 2. Sunder Pandya
- ✗ 3. Ballala Deva
- ✓ 4. Malik Kafur

Q.77 Which of the following games made its maiden participation at National Games 2023?

Ans
- ✗ 1. Yachting
- ✗ 2. Squash
- ✓ 3. Beach Handball
- ✗ 4. Wushu

Q.78 Which of the following periods was considered as the second phase of the Green Revolution in India?

Ans
- ✗ 1. Mid-1960s to mid-1970s
- ✗ 2. 1970s to 1980s
- ✗ 3. 1960s to 1970s
- ✓ 4. Mid-1970s to mid-1980s

Q.79 Which of the following styles of Thumri singing is meant to be fairly slow and staid?

Ans
- ✗ 1. Agra
- ✗ 2. Punjab
- ✓ 3. Benaras
- ✗ 4. Assam

Q.80 The type of stress that acts coplanar along a given cross-section of the material is defined as _____.

Ans
- ✓ 1. Shear stress
- ✗ 2. Bulk stress
- ✗ 3. Radial stress
- ✗ 4. Compressive stress

Q.81 Which of the following states has benefited from the 'Sirhind' canal?

Ans
- ✓ 1. Punjab
- ✗ 2. West Bengal
- ✗ 3. Uttar Pradesh
- ✗ 4. Bihar

Q.82 Which of the following winds govern the climate of India during winter?

Ans
- ✗ 1. Southwest monsoon winds
- ✗ 2. Westerlies
- ✓ 3. Northeast trade winds
- ✗ 4. Northeast monsoon winds

Q.83 Which adulterant is added to increase the solids-not-fat (SNF) content in milk and the yield of dairy products?

Ans
- ✗ 1. Hydrogen peroxide
- ✗ 2. Potassium bicarbonate
- ✗ 3. Melamine
- ✓ 4. Maltodextrin

Q.84 When several factors affect any [bio] chemical process, Law of Limiting Factors comes into effect. This law is given by:

Ans
- ✗ 1. Priestley
- ✗ 2. Calvin
- ✓ 3. Blackman
- ✗ 4. Engelmann

Q.85 Who among the following is the Chairman of the Defence Research and Development Organisation (DRDO) as on December, 2023?

Ans
- ✗ 1. Dr Y Sreenivas Rao
- ✗ 2. Dr B K Das
- ✗ 3. Dr Upendra Kumar Singh
- ✓ 4. Dr Samir V Kamat

Q.86 The Indian men's hockey team beat the team of which country to win the bronze medal at the Paris 2024 Olympics?

Ans
- ✗ 1. Belgium
- ✓ 2. Spain
- ✗ 3. Australia
- ✗ 4. Germany

Q.87 Which of the following is NOT a function of the Governor of the State?

Ans
- ✓ 1. Appointing the District Collectors
- ✗ 2. Nomination of members to the State Legislative Council
- ✗ 3. Assenting to bills passed by the State Legislature
- ✗ 4. Appointing the Chief Minister

Q.88 Qutb ud-Din Aibak was fond of which of the following outdoor sports?

Ans
- ✓ 1. Polo
- ✗ 2. Wrestling
- ✗ 3. Kabaddi
- ✗ 4. Hockey

Q.89 Who among the following established the Atmiya Sabha in 1814?

Ans
- ✗ 1. Debendranath Tagore
- ✓ 2. Raja Rammohan Roy
- ✗ 3. Ishwarchandra Vidyasagar
- ✗ 4. Keshub Chandra Sen

Q.90 If the court finds that a person is holding office but not entitled to hold that office, it issues the writ of _____ and restricts that person from acting as an office holder.

Ans
- ✗ 1. Habeas Corpus
- ✓ 2. Quo-Warranto
- ✗ 3. Prohibition
- ✗ 4. Mandamus

Q.91 Which of the following articles of Indian Constitution deals with the executive power of the Union?

Ans
- ✗ 1. Article 54
- ✓ 2. Article 53
- ✗ 3. Article 55
- ✗ 4. Article 52

Q.92 In reference to air transport of India, what is the full form of AERA?

Ans
- ✓ 1. Airports Economic Regulatory Authority of India
- ✗ 2. Agriculture Economic Regulatory Authority
- ✗ 3. Agriculture Economic Regulatory Authority of India
- ✗ 4. Aviation Economic Regulatory Authority of India

Q.93 The Central Goods and Services Tax (Second Amendment) Bill, 2023 increased the age limit for the president of the Tribunal from _____.

Ans
- ✗ 1. 65 to 67 years
- ✓ 2. 67 to 70 years
- ✗ 3. 60 to 65 years
- ✗ 4. 65 to 70 years

Q.94 Which part of the Indian Constitution is related to citizenship?

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

Q.95 Which of the following schemes was launched by Rajnath Singh to promote innovations in critical and strategic defence technologies, during DefConnect 2024 in New Delhi on 4 March 2024?

Ans
- ✔ 1. ADITI
- ✘ 2. SMRITI
- ✘ 3. STUTI
- ✘ 4. SAMSKRUTI

Q.96 Industrial Policy Resolution, 1956 was adopted in which of the following five-year plans?

Ans
- ✘ 1. 1st Five-Year Plan
- ✘ 2. 4th Five-Year Plan
- ✘ 3. 3rd Five-Year Plan
- ✔ 4. 2nd Five-Year Plan

Q.97 'Nada' is a musical sound in the Carnatic Classical Music, which is of two kinds; 'Ahata' and '_____'

Ans
- ✘ 1. Charmaja
- ✘ 2. Shariraja
- ✔ 3. Anahata
- ✘ 4. Lohaja

Q.98 What is the primary function of development banks in the context of India's industrial growth?

Ans
- ✘ 1. They serve as regulatory bodies to enforce industrial standards.
- ✔ 2. Development banks provide long-term financing and support for industrial projects and infrastructure development.
- ✘ 3. They are involved only in short-term consumer lending.
- ✘ 4. Their sole function is to manage the country's foreign exchange reserves.

Q.99 Who assumed charge as Minister of Earth Sciences in June 2024 in the newly formed union cabinet?

Ans
- ✔ 1. Jitendra Singh
- ✘ 2. Jadhav Prataprao Ganpat Rao
- ✘ 3. L Murugan
- ✘ 4. Virendra Kumar

Q.100 Quwwat-al-islam mosque is nearest to which of the following historical monuments?

Ans
- ✘ 1. Humayun Tomb
- ✘ 2. Tughlakabad Fort
- ✘ 3. Jama Masjid
- ✔ 4. Qutub Minar

Q.101 Who among the following was the Architect of the building 'St. Francis Church' in Kochi?

Ans
- ✘ 1. William Emerson
- ✘ 2. Goerge Bush
- ✘ 3. George Wittet
- ✔ 4. Pedro Alvarez De Cabral

Q.102 Which of the following is the primary reason for the high literacy rate in Kerala?

Ans
- ✘ 1. Because of large number of universities
- ✔ 2. Because of effective literacy programmes and emphasis on education
- ✘ 3. Because of high population density
- ✘ 4. Because of industrial development

Q.103 The Ganga-Brahmaputra-Meghna system is composed of which of the following main sub-basins?

Ans
- ✔ 1. Bhagirathi and Alaknanda
- ✘ 2. Yamuna and Ramganga
- ✘ 3. Bhagirathi and Yamuna
- ✘ 4. Alaknanda and Gandak

Q.104 Which of the following is also known as congenital ovarian hypoplasia syndrome which is found only in females?

Ans
- ✘ 1. Klinefelter syndrome
- ✘ 2. Ehlers-Danlos syndrome
- ✘ 3. Usher syndrome
- ✔ 4. Turner syndrome

Q.105 Which sensitive dye turns yellow in the presence of acid with pH between 6.0 – 7.6?

Ans
- ✔ 1. Bromothymol blue
- ✘ 2. Thymolphthalein
- ✘ 3. Alizarin yellow R
- ✘ 4. Methyl orange

Q.106 Who taught medicine in Taxila around 6th century BCE?

Ans
- ✗ 1. Paramhans Atreya
- ✓ 2. Punarvasu Atreya
- ✗ 3. Prakrit Atreya
- ✗ 4. Panini Atreya

Q.107 A method for measuring atmospheric pressure was first devised by _____.

Ans
- ✗ 1. Pascal
- ✓ 2. Torricelli
- ✗ 3. Archimedes
- ✗ 4. Bernoulli

Q.108 Moved by the Swadeshi movement, _____ painted his famous image of Bharat Mata in 1905.

Ans
- ✗ 1. Bankim Chandra chatterjee
- ✓ 2. Abanindranath Tagore
- ✗ 3. Surendranath Banerjee
- ✗ 4. Anand Mohan Bose

Q.109 Who was serving as the Managing Director of the International Monetary Fund (IMF) since 1 October 2019 and has been selected by the IMF's Executive Board to serve for a second five-year term, starting 1 October 2024?

Ans
- ✓ 1. Kristalina Georgieva
- ✗ 2. Gita Gopinath
- ✗ 3. Kenji Okamura
- ✗ 4. Antoinette Sayeh

Q.110 BharatGen is a key initiative of Ministry of Science & Technology, launched in October 2024. Which of the following statements is true about this initiative?

Ans
- ✗ 1. It aims to identify dark patterns in public distribution systems.
- ✗ 2. It is focused on making India self-reliant in terms of classical computing.
- ✗ 3. It is a key initiative focused on fifth-generation bioethanol.
- ✓ 4. It focuses on developing a suite of foundational models in language, speech and computer vision.

Q.111 How are environmental defensive expenditures classified at the aggregate level in national accounting?

Ans
- ✗ 1. Final consumption expenditures
- ✓ 2. Intermediate consumption
- ✗ 3. Capital expenditures
- ✗ 4. Investment expenditures

Q.112 In which language is the book 'Amar Jiban' written?

Ans
- ✗ 1. Urdu
- ✗ 2. Hindi
- ✗ 3. English
- ✓ 4. Bengali

Q.113 As a reaction to the Muslim fundamentalism, the Hindu Mahasabha was founded in which of the following years?

Ans
- ✓ 1. 1915
- ✗ 2. 1911
- ✗ 3. 1920
- ✗ 4. 1917

Q.114 During which of the following seasons do the Southwest Monsoon winds enter the Indian Peninsula?

Ans
- ✗ 1. Summer
- ✓ 2. Rainy Season
- ✗ 3. Winter
- ✗ 4. Post-Monsoon

Q.115 How does the Indian Government finance its fiscal deficit?

Ans
- ✗ 1. By increasing taxes on essential goods
- ✗ 2. By printing more currency
- ✓ 3. By borrowing from domestic and international sources
- ✗ 4. By reducing subsidies

Q.116 At which of the following Air Force bases did the Indian Air Force (IAF) contingent participate in the Exercise Red Flag, 2024?

Ans
- ✗ 1. Andersen Air Force Base, Guam
- ✗ 2. Hickam Air Force Base, Hawaii
- ✓ 3. Eielson Air Force Base, Alaska
- ✗ 4. Nellis Air Force Base, Nevada

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Q.117 Which initiative was launched by the Union Education Minister to promote digital skill development among rural youth, particularly women, in 2023?

Ans
- ✗ 1. Digi-Skills
- ✗ 2. Digi-Skill Drive
- ✓ 3. Skills on Wheels
- ✗ 4. Skills on the Go

Q.118 Which of the following is NOT one of the broad objectives of NITI Aayog?

Ans
- ✓ 1. To promote initiatives like Make in India, Skill India, Startup India, Standup India, etc.
- ✗ 2. To evolve a shared vision of national development priorities, sectors and strategies with the active involvement of the states in the light of national objectives
- ✗ 3. To develop mechanisms to formulate credible plans at the village level and aggregate these progressively at higher levels
- ✗ 4. To design strategic and long-term policy and programme frameworks and initiatives, and monitor their progress and their efficacy

Q.119 Which of the following does the term 'household' mean according to the Census?

Ans
- ✗ 1. A group of related individuals living together under one roof
- ✗ 2. A group of unrelated individuals residing in the same locality
- ✗ 3. A group of persons engaged in common economic activities
- ✓ 4. A group of persons who share a common kitchen and take meals together

Q.120 Which of the following is the coverage provided by the 'Pradhan Mantri Suraksha Bima Yojana (PMSBY)' in case of partial disability?

Ans
- ✗ 1. ₹50,000
- ✗ 2. ₹2 lakhs
- ✗ 3. ₹5 lakhs
- ✓ 4. ₹1 lakh

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