रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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

Community	OBC CL
Test Center Name	Dewa Mahila Mahavidyalaya
Test Date	13/12/2024
Test Time	9:00 AM - 10:30 AM
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 $\frac{(a^5 \times b^5 \times c^8)}{(a^8 \times b^5 \times c^1)}$ in simplified form is:

Ans
✗ 1. $(a^{-6}) \times (b^{-6}) \times (c^{-6})$
✓ 2. $(a^{-3}) \times (b^{0}) \times (c^{7})$
✗ 3. $(a^{-10}) \times (b^{-2}) \times (c^{0})$
✗ 4. $(a^{3}) \times (b^{-1}) \times (c^{-9})$

Q.2 *The difference between the smallest and the largest fractions among* $\frac{4}{9}, \frac{3}{7}, \frac{31}{37}, \frac{12}{20}$ *is:*

Ans
✗ 1. $\frac{106}{255}$
✗ 2. $\frac{106}{258}$
✓ 3. $\frac{106}{259}$
✗ 4. $\frac{106}{261}$

Q.3 **If the average of the three consecutive even numbers is 42, find the sum of the smallest and largest of these numbers.**

Ans
✗ 1. 86
✗ 2. 40
✗ 3. 82
✓ 4. 84

Q.4 **Manav's average earning per month in the first three months of a year was ₹41944. 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 ₹63849, then what will be Manav's average earning (in ₹) per month from May to December?**

Ans
✗ 1. 72179
✗ 2. 72182
✓ 3. 72180
✗ 4. 72175

Q.5 **If 25% of a number is added to 66, then the result is the same number. 80% of the same number is:**

Ans
✗ 1. 90.4
✗ 2. 40.4
✓ 3. 70.4
✗ 4. 100.4

Q.6 **Three partners invested in a business in the ratio 8:4:6. They invested their capitals for 10 months, 4 months and 12 months, respectively. What was the ratio of their profits?**

Ans
✗ 1. 11:2:9
✓ 2. 10:2:9
✗ 3. 8:2:9
✗ 4. 12:2:9

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 15 minutes. He would have gained 2 hours by driving both ways. How long would it have taken for him to walk both ways with same walking speed?

Ans
- ✗ 1. 8 hours 45 minutes
- ✗ 2. 7 hours 15 minutes
- ✓ 3. 8 hours 15 minutes
- ✗ 4. 9 hours 30 minutes

Q.8 What time (in seconds) is required for a 953 m long train to cross a 532 m long tunnel, if the train travels at a speed of 54 km/h?

Ans
- ✗ 1. 107
- ✗ 2. 106
- ✗ 3. 96
- ✓ 4. 99

Q.9 Anushka invested a sum of ₹6400 at 5% per annum compound interest, componded annually. If she received an amount of ₹7056 after n years, the value of n is:

Ans
- ✓ 1. 2
- ✗ 2. 2.40000009536743
- ✗ 3. 3
- ✗ 4. 1.20000004768372

Q.10 The average of eight numbers is 20. The average of five of these numbers is 13. The average of the remaining three numbers is

Ans
- ✗ 1. 32.67
- ✗ 2. 30.67
- ✗ 3. 33.67
- ✓ 4. 31.67

Q.11 The population of a village was 130000. It increased by 15% in the first year and increased by 20% in the second year. Its population after two years is _____.

Ans
- ✗ 1. 156000
- ✗ 2. 149500
- ✗ 3. 175500
- ✓ 4. 179400

Q.12 The smallest 1-digit number to be added to the 6-digit number 459039 so that it is completely divisible by 11 is:

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

Q.13 The average of 7 numbers is 43. If each number is decreased by 3, what will the new average be?

Ans
- ✗ 1. 37
- ✗ 2. 43
- ✓ 3. 40
- ✗ 4. 7

Q.14 Trupti and Suhani invest in a business in the ratio 2 : 6. If total profit is Rs. 2480, then what is difference between the profit (in Rs.) of Trupti and Suhani?

Ans
- ✗ 1. 1190
- ✗ 2. 1340
- ✗ 3. 1390
- ✓ 4. 1240

Q.15 If the volume of cube is 29791 m^3, then find the total surface area of cube in m^2.

Ans
- ✗ 1. 5733
- ✓ 2. 5766
- ✗ 3. 5794
- ✗ 4. 5784

Q.16 A 976 m long train crosses a man walking at a speed of 3.5 km/h in the opposite direction in 18 seconds. What is the speed (in km/h) of the train?

Ans
- ✗ 1. 189.9
- ✗ 2. 192.6
- ✓ 3. 191.6
- ✗ 4. 188.7

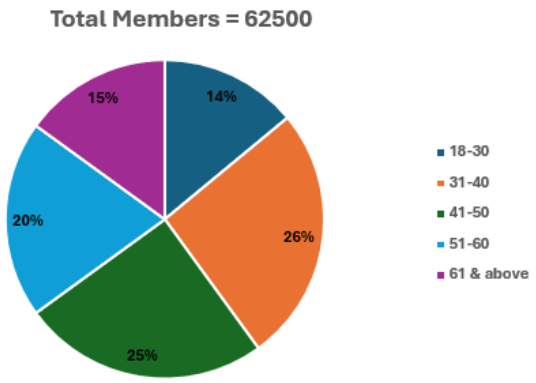
Q.17 Express the following into a vulgar fraction.

$0.\overline{001} + 0.\overline{01} + 0.\overline{1}$

Ans
- ✗ 1. $\frac{1211}{9990}$
- ✗ 2. $\frac{1212}{9900}$
- ✗ 3. $\frac{1211}{9999}$
- ✓ 4. $\frac{1211}{9900}$

Q.18 Study the given graph and answer the question that follows.

The given pie chart shows the number of members in Hyderabad Gymkhana Club of various age groups.



If 24% of the total members in the age group 18-30 are aged 21 years or below, find the members in the age group 18-21.

Ans
- ✓ 1. 2100
- ✗ 2. 2250
- ✗ 3. 2300
- ✗ 4. 1980

Q.19 If x varies inversely as $y^3 - 1$ and is equal to 8 when y = 3, find x when y = 6.

Ans
- ✗ 1. $\frac{208}{216}$
- ✗ 2. $\frac{210}{215}$
- ✗ 3. $\frac{209}{216}$
- ✓ 4. $\frac{208}{215}$

Q.20 Find the remainder when 49 × 51 × 54 × 37 × 123 is divided by 24.

Ans
- ✗ 1. 8
- ✗ 2. 4
- ✗ 3. 10
- ✓ 4. 6

Q.21 400 guavas were bought at ₹1420 per hundred and were sold at a profit of ₹820. Find the selling price (in ₹) per dozen of guavas.

Ans
- ✗ 1. 205
- ✗ 2. 210
- ✗ 3. 185
- ✓ 4. 195

Q.22 During sale, Raghav bought a notebook marked for ₹12 at 25% discount and a pen marked for ₹75 at 20% discount. How much (in ₹) did he save due to sale?

Ans
- ✗ 1. 17
- ✗ 2. 19
- ✓ 3. 18
- ✗ 4. 20

Q.23 Suraj covers 598 km in a boat in 39 hours against the stream and he takes 12 hours with the stream then find the speed of the stream?

Ans
- ✓ 1. 17.25 km/h
- ✗ 2. 10.58 km/h
- ✗ 3. 16.23 km/h
- ✗ 4. 15.63 km/h

Q.24 A shopkeeper sells an item for ₹855.4 after giving two successive discounts of 90% and 75% on its marked price. Had he not given any discount, he would have earned a profit of 40%. What is the cost price (in ₹) of the item?

Ans
✗ 1. 24400
✓ 2. 24440
✗ 3. 24471
✗ 4. 24427

Q.25 Lalit's average earning per month in the first three months of a year was ₹37096. 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 ₹87305, then what will be Lalit's average earning (in ₹) per month from May to December?

Ans
✗ 1. 110089
✓ 2. 110091
✗ 3. 110094
✗ 4. 110095

Q.26 Find the value of $76^{-15} \div 76^{4} \times 76^{-5}$

Ans
✗ 1. 76^{-20}
✗ 2. 76^{-31}
✗ 3. 76^{-22}
✓ 4. 76^{-24}

Q.27 Four litres of paint was required to paint the surface of a solid sphere. If 4 identical pieces were made of this solid sphere, then how many litres of paint would be required to paint all the surfaces of these 4 pieces?

Ans
✗ 1. 7
✗ 2. 10
✗ 3. 6
✓ 4. 8

Q.28 A sum, when invested at 20% simple interest per annum, amounts to ₹2400 after 3 years. What is the simple interest (in ₹) on the same sum at the same rate in 1 year?

Ans
✗ 1. 150
✗ 2. 600
✓ 3. 300
✗ 4. 1200

Q.29 *The difference between the smallest and the largest fractions among* $\frac{6}{7}, \frac{4}{8}, \frac{32}{39}, \frac{25}{27}$ *is:*

Ans
✓ 1. $\frac{23}{54}$
✗ 2. $\frac{23}{56}$
✗ 3. $\frac{23}{58}$
✗ 4. $\frac{23}{55}$

Q.30 By selling an article at $\frac{4}{10}$ of its actual selling price, Nirbhay incurs a loss of 17%. If he sells it at 88% of its actual selling price, then

Ans
✓ 1. 82.6%
✗ 2. 81.3%
✗ 3. 83.4%
✗ 4. 84.4%

Q.31 Given that $69^{0.07} = x$, $69^{0.67} = y$ and $x^z = y^7$, then the value of z is close to:

Ans
✗ 1. 67.51
✗ 2. 69.08
✓ 3. 67
✗ 4. 66.87

Q.32 Utsavi invested a sum of ₹2000 at 15% per annum compound interest, componded annually. If she received an amount of ₹2645 after n years, the value of n is:

Ans
✓ 1. 2
✗ 2. 2.5
✗ 3. 1.6
✗ 4. 3

Q.33 The curved surface area of a hemispherical bowl is 1232 cm^2. Find the volume (in cm^3) of the bowl. (Use $\pi = \frac{22}{7}$ and up to 2 decimal places)

Ans
- ✔ 1. 5749.33
- ✘ 2. 5049.22
- ✘ 3. 5540.33
- ✘ 4. 4049.11

Q.34 Simplify the following:

$$[\{(-0.4)+(4.6)^2+(2.3)^2\}\div 5]\times 100$$

Ans
- ✘ 1. 517
- ✘ 2. 512
- ✔ 3. 521
- ✘ 4. 571

Q.35 Which of the following fractions is the largest?

$\frac{5}{9}, \frac{6}{21}, \frac{15}{73}, \frac{18}{82}$

Ans
- ✘ 1. $\frac{18}{82}$
- ✘ 2. $\frac{6}{21}$
- ✘ 3. $\frac{15}{73}$
- ✔ 4. $\frac{5}{9}$

Section : **General Intelligence and Reasoning**

Q.36 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

Ans
- ✘ 1. ꟻ ⅃ ꓘ R G J
- ✔ 2. ꟻ ⅃ ꓘ ⅃ Ɔ Я
- ✘ 3. ꟻ K L ⅃ Ɔ Я
- ✘ 4. K L P ⅃ Ɔ Я

Q.37 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 864172, what will be the difference between the first and last digits in the number thus formed?

Ans
- ✘ 1. 7
- ✘ 2. 5
- ✘ 3. 4
- ✔ 4. 6

Q.38 In a certain code language, 'time flies fast' is coded as 'mk tu jb' and 'fast or slow' is coded as 'tb mk ab'. How is 'fast' coded in the given language?

Ans
- ✘ 1. jb
- ✘ 2. ab
- ✔ 3. mk
- ✘ 4. tu

Q.39 Seven boxes U, V, W, X, P, Q and R are kept one over the other but not necessarily in the same order.
Only three boxes are kept below V. Only two boxes are kept between V and U. Only P is kept above X. R is kept at some place below Q and at some place above W.
Which box is kept at the second position from the bottom?

Ans
- ✘ 1. R
- ✔ 2. W
- ✘ 3. U
- ✘ 4. V

Q.40 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 :: ?

: HLR :: VZF : %

Ans
✗ 1. # = DHN; % = IDJ
✗ 2. # = EHN; % = ZDJ
✗ 3. # = DHN; % = ZDI
✓ 4. # = DHN; % = ZDJ

Q.41 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

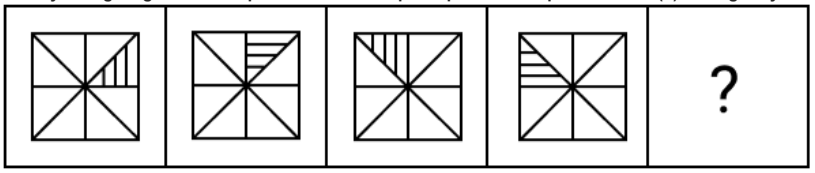
HFD KIG NLJ QOM ?

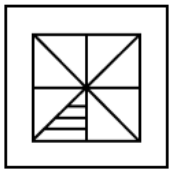
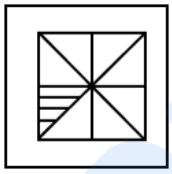
Ans
✓ 1. TRP
✗ 2. TSQ
✗ 3. STP
✗ 4. STQ

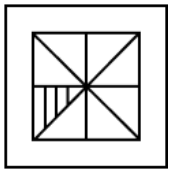
Q.42 S is the wife of D. D is the father of F. F is the mother of G. G is the brother of H. How is S related to H?

Ans
✓ 1. Mother's Mother
✗ 2. Mother's Sister
✗ 3. Father's Sister
✗ 4. Father's Mother

Q.43 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.44 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.
D lives on a floor which is a prime number. The product of floors on which D and A live is 8. E lives immediately above B. The sum of floors on which A and C lives is 7. How many people live between D and E?

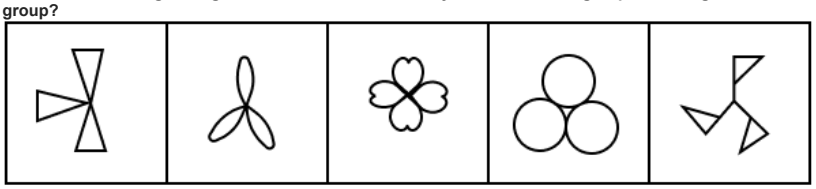
Ans
✗ 1. 2
✓ 2. 4
✗ 3. 3
✗ 4. 1

Q.45 Select the number from among the given options that can replace the question mark (?) in the following series.

3 23 ? 1143 8003

Ans
✗ 1. 179
✗ 2. 174
✓ 3. 163
✗ 4. 166

Q.46 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?



(A) (B) (C) (D) (E)

Ans
✗ 1. B
✗ 2. D
✓ 3. C
✗ 4. A

Q.47 Seven boxes U, V, W, X, P, Q and R are kept one over the other but not necessarily in the same order.
Only two boxes are kept below X. Only one box is kept above Q. Only one box is kept between Q and U. V is kept immediately above P. R is kept at some place below W.
How many boxes are kept between W and V?

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

Q.48 Seven people, D, E, F, G, H, I and T, are sitting around a circular table facing the centre of the table. Only two people sit between T and D when counted from the right of T. Only three people sit between H and F when counted from the right of F. D sits to the immediate right of F. I sits to the immediate left of G. Who sits second to the right of E?

Ans
✗ 1. T
✗ 2. I
✗ 3. G
✓ 4. D

Q.49 This question is based on the five, three-digit numbers given below.

(Left) 538 745 317 153 276 (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. 9
✗ 2. 11
✓ 3. 10
✗ 4. 8

Q.50 Each of the digits in the number 7381465 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

Ans
✗ 1. NONE
✗ 2. TWO
✗ 3. THREE
✓ 4. ONE

Q.51 Three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the letter-cluster that does NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their positions in the letter-cluster.)

Ans
✗ 1. HQYD
✗ 2. UDLQ
✗ 3. ENVA
✓ 4. JSAE

Q.52 This question is based on the five, three-digit numbers given below.
(Left) 365 742 234 567 835 (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 second digit of the highest number is added to the first digit of lowest number?

Ans
✗ 1. 11
✗ 2. 6
✓ 3. 5
✗ 4. 8

Q.53 Select the term from among the given options that can replace the question mark (?) in the following series.

QNF -3 OLI -6 ? KHO -12 IFR -15

Ans
✗ 1. MJL -8
✗ 2. MJL -10
✗ 3. MJL -11
✓ 4. MJL -9

Q.54 In a certain code language, 'APES' is coded as '6819' and 'PAGE' is coded as '6928'. What is the code for 'G' in that language?

Ans
✔ 1. 2
✘ 2. 6
✘ 3. 9
✘ 4. 8

Q.55 VPMG is related to NHEY in a certain way based on the English alphabetical order. In the same way, PJGA is related to HBYS. To which of the following options is RLIC related, following the same logic?

Ans
✘ 1. JDUA
✔ 2. JDAU
✘ 3. JAUD
✘ 4. JADU

Q.56 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 conclusion(s) logically follow(s) from the statements.

Statements:
All pins are lions.
Some lions are rats.
Some rats are hens.

Conclusions:
(I) Some hens are pins.
(II) Some rats are pins.

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.57 G is the mother of H. H is the mother of J. J is the brother of K. K is the son of L. How is G related to L?

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

Q.58 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '–', what will be come in place of question mark '?' in the following equation?
28 C 22 D 32 B 2 A 8 = ?

Ans
✘ 1. 44
✘ 2. 40
✘ 3. 43
✔ 4. 42

Q.59 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. MLJ
✘ 2. HGE
✘ 3. KJH
✔ 4. GGD

Q.60 A, B, C, D, E, F and G are sitting around a circular table facing the centre. A sits third to the left of E. B sits second to the left of F. Only E sits between D and B. C is not an immediate neighbour of A. How many people sit between D and F, when counted from the left of F?

Ans
✔ 1. 3
✘ 2. 2
✘ 3. 1
✘ 4. 4

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. OJ : MH
✔ 2. AU : YT
✘ 3. GB : EZ
✘ 4. TO : RM

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

(Left) 564 245 782 432 861 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

If all the numbers are arranged in the descending order, the position of how many numbers will remain unchanged?

Ans
✘ 1. 2
✔ 2. 1
✘ 3. 4
✘ 4. 3

Q.63 Tushar starts from Point A and drives 11 km towards the South. He then takes a right turn, drives 8 km, turns right and drives 14 km. He then takes a right turn and drives 12 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 degrees turns only unless specified)

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

Q.64 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

SVG : OZC
KDY : GHU

Ans
- ✓ 1. CLQ : YPM
- ✗ 2. PCX : LHT
- ✗ 3. HMP : DRL
- ✗ 4. ZWH : VBD

Q.65 10 is related to 35 following a certain logic. Following the same logic, 7 is related to 20. To which of the following is 25 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. 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. 140
- ✗ 2. 120
- ✓ 3. 110
- ✗ 4. 100

Q.66 Refer to the following letter, number, symbol series and answer the question that follows.

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

If all the numbers are dropped from the series, which of the following will be sixth from the right?

Ans
- ✗ 1. *
- ✗ 2. S
- ✗ 3. Y
- ✓ 4. D

Q.67 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given 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.)
8 - 10 - 20 - 22 ; 5 - 7 - 14 - 16

Ans
- ✗ 1. 14 - 16 - 32 - 38
- ✗ 2. 9 - 11 - 22 - 26
- ✗ 3. 2 - 4 - 6 - 10
- ✓ 4. 13 - 15 - 30 - 32

Q.68 Def starts from Point A and drives 16 km towards north. He then takes a right turn, drives 7 km, turns right and drives 11 km. He then takes a left turn, drives 21 km, turns right and drives 10 km. He then takes a right turn and drives 32 km. He takes a final right turn, drives 5 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. 8 km towards south
- ✓ 2. 4 km towards east
- ✗ 3. 6 km towards north
- ✗ 4. 2 km towards west

Q.69 Six people, named W, X, Y, Z, T and U, each are of different ages. The age of X is 40. The age of T is two times the age of Z. The age of W is two times the age of U. The age of Z is one-fifth the age of W. The age of X is two times the age of T. If the age of U is one-third the age of Y, what is the age of Y?

Ans
- ✓ 1. 75
- ✗ 2. 76
- ✗ 3. 52
- ✗ 4. 85

Q.70 In a certain code language, 'POST' is coded as '8579' and 'SEND' is coded as '4351'.
What is the code for 'S' in that language?

Ans
- ✓ 1. 5
- ✗ 2. 3
- ✗ 3. 7
- ✗ 4. 4

Section : **General Awareness**

Q.71 Director General Rakesh Pal, AVSM, PTM, TM is the _____ Director General of Indian Coast Guard.

Ans
- ✓ 1. 25th
- ✗ 2. 27th
- ✗ 3. 22nd
- ✗ 4. 20th

Q.72 In which of the following years was 'A Brush with Life: An Autobiography' written?

Ans
- ✔ 1. 1997
- ✘ 2. 2000
- ✘ 3. 1908
- ✘ 4. 1856

Q.73 From the given options, which Indian state has a higher literacy rate than the other three states as per the census of 2011?

Ans
- ✔ 1. Kerala
- ✘ 2. Mizoram
- ✘ 3. Himachal Pradesh
- ✘ 4. Tripura

Q.74 Which law states that if a body is at rest or moving at a constant speed in a straight line, it will remain at rest or keep moving in a straight line at constant speed unless it is acted upon by a force?

Ans
- ✘ 1. Newton's second law
- ✘ 2. Newton's third law
- ✘ 3. Dalton's law
- ✔ 4. Newton's first law

Q.75 In October 2023, India began producing 'reference' fuel, joining a select league of nations. What is the octane number of reference fuel?

Ans
- ✔ 1. 97
- ✘ 2. 67
- ✘ 3. 77
- ✘ 4. 87

Q.76 Which of the following battles was fought in the year 1191 AD?

Ans
- ✔ 1. The First Battle of Tarain
- ✘ 2. The First Battle of Panipat
- ✘ 3. The Battle of Kasahrada
- ✘ 4. The Battle of Chandawar

Q.77 Which of the following periods succeeds the Palaeolithic period?

Ans
- ✘ 1. Neolithic
- ✘ 2. Chalcolithic
- ✘ 3. Iron Age
- ✔ 4. Mesolithic

Q.78 Which of the following pairs is INCORRECT with reference to dams and their related states?

Ans
- ✘ 1. Pong – Himachal Pradesh
- ✔ 2. Indira Sagar – Rajasthan
- ✘ 3. Koyna – Maharashtra
- ✘ 4. Karjan – Gujarat

Q.79 In which of the following types of vegetation would we find species like ebony, mahogany, and rosewood?

Ans
- ✔ 1. Tropical evergreen forests
- ✘ 2. Tropical deciduous forests
- ✘ 3. Mangrove forests
- ✘ 4. Montane forests

Q.80 In March 2024, Nayab Singh Saini was sworn in as the new Chief Minister of which of the following states of India?

Ans
- ✘ 1. Tamil Nadu
- ✘ 2. Madhya Pradesh
- ✔ 3. Haryana
- ✘ 4. Assam

Q.81 Which of the following is commonly known as the 'Four D's disease' caused by severe deficiency of Vitamin B3?

Ans
- ✘ 1. Hypocalcemia
- ✔ 2. Pellagra
- ✘ 3. Beri Beri
- ✘ 4. Goitre

Q.82 Who among the following was the chairman of the Constituent Assembly of India?

Ans
- ✘ 1. K M Munshi
- ✘ 2. Gopal Das Ambaidas Desai
- ✔ 3. Dr. Rajendra Prasad
- ✘ 4. Dr. B R Ambedkar

Q.83 Who among the following was the last Pallava ruler?

Ans
- ✘ 1. Nariptunga
- ✔ 2. Aparajitavarman
- ✘ 3. Nandivarman
- ✘ 4. Adityavarman

Q.84 Which of the following statements is INCORRECT with respect to the India's Tax Reforms Committee (TRC), 1991?

Ans
- ✗ 1. The TRC suggested a moderate flat tax rate on long term capital gains after due indexation for inflation.
- ✗ 2. The TRC suggested aggregation of minor's income, other than wage income, with the income of the parents.
- ✗ 3. The committee recommended the abolition of tax concessions, rebates and allowances, under various incentives for saving schemes.
- ✓ 4. The committee suggested a phased reduction of the corporate tax to 10% and continuation of surcharge on corporate tax.

Q.85 How many sports persons received the Arjuna Awards for outstanding performances in Sports and Games 2023?

Ans
- ✓ 1. 26
- ✗ 2. 34
- ✗ 3. 21
- ✗ 4. 31

Q.86 Who among the following returned the honourary knighthood title to mark the protest against Jallianwala Bagh incident?

Ans
- ✗ 1. Dadabhai Naoroji
- ✗ 2. Jawaharlal Nehru
- ✗ 3. Mahatma Gandhi
- ✓ 4. Rabindra Nath Tagore

Q.87 Which of the following is a secondary function of the commercial banks?

Ans
- ✓ 1. Performing agency functions
- ✗ 2. Opening fixed deposits
- ✗ 3. Advancing loans
- ✗ 4. Opening of current account deposits

Q.88 Which one of following countries is NOT included in the Citizenship (Amendment) Act, 2019?

Ans
- ✓ 1. Bhutan
- ✗ 2. Afghanistan
- ✗ 3. Pakistan
- ✗ 4. Bangladesh

Q.89 Which state government launched the 'Yuva Nidhi Scheme' for providing financial aid to unemployed youth?

Ans
- ✗ 1. Madhya Pradesh
- ✗ 2. Kerala
- ✗ 3. Uttar Pradesh
- ✓ 4. Karnataka

Q.90 Which of the following is a direct impact of rural infrastructure development on the agricultural sector?

Ans
- ✗ 1. Rural infrastructure development has no significant impact on agriculture
- ✗ 2. Decrease in agricultural productivity due to the diversion of resources
- ✓ 3. Enhanced agricultural productivity through better irrigation, storage and transport facilities
- ✗ 4. Increased urban migration due to improved rural infrastructure

Q.91 In March 2024, who among the following assumed the charge of Chairman of National Commission for Scheduled Castes (NCSC)?

Ans
- ✗ 1. Lama Lobzang
- ✗ 2. Antar Singh Arya
- ✗ 3. Kunwar Singh
- ✓ 4. Kishor Makwana

Q.92 The Wildlife Protection Act, which provides the main legal framework for conservation and protection of wildlife in India, was enacted in the year:

Ans
- ✗ 1. 1974
- ✗ 2. 1981
- ✓ 3. 1972
- ✗ 4. 1986

Q.93 Chromosome number (2n) of maize is _____.

Ans
- ✓ 1. 20
- ✗ 2. 18
- ✗ 3. 10
- ✗ 4. 15

Q.94 Which of the following is the formula for the consumption function?

Ans
- ✗ 1. C = C̄ − cYD
- ✗ 2. C = C̄ × cYD
- ✓ 3. C = C̄ + cYD
- ✗ 4. C = C̄ / cYD

Q.95 Who was considered as the viceroy of Muhammad Ghori and overall commander of the army in India?

Ans
- ✗ 1. Taj al-Din Yildiz
- ✗ 2. Nasiruddin Qabacha
- ✗ 3. Bakhtiyar Khalji
- ✓ 4. Qutbuddin Aibak

Q.96 The cytoplasmic strands that connect one cell to the other are known as _____.

Ans
- ✗ 1. Spindle Fibre
- ✗ 2. Centriole
- ✓ 3. Plasmodesmata
- ✗ 4. Endoplasmic Reticulum

Q.97 Which of the following is NOT a tributary of the Godavari river?

Ans
- ✗ 1. Pravara
- ✗ 2. Purna
- ✗ 3. Manjra
- ✓ 4. Kabini

Q.98 In which of the following years were Union Territories (UT) introduced in India?

Ans
- ✗ 1. 1960
- ✓ 2. 1956
- ✗ 3. 1952
- ✗ 4. 1950

Q.99 MATSYA 6000, a part of India's Samudrayaan Project, is what kind of object/instrument?

Ans
- ✗ 1. Oil mineral explorer
- ✗ 2. Underwater autonomous vehicle
- ✓ 3. Manned submersible
- ✗ 4. Submarine

Q.100 The portion of agricultural produce, which is sold in the market by farmers, is called _____.

Ans
- ✗ 1. product surplus
- ✗ 2. wage surplus
- ✓ 3. marketed surplus
- ✗ 4. gross surplus

Q.101 What is the main objective of Financial Inclusion?

Ans
- ✗ 1. To extend digital banking services to the population of the country.
- ✓ 2. To extend financial services at reasonable cost to the large hitherto unserved population of the country.
- ✗ 3. To focus on opening of an account in a Nationalised Bank.
- ✗ 4. To add every person in the country as part of the National Mission for Financial Inclusion.

Q.102 Indian political activist and advocate for women's rights, _____, had unfurled the first version of the Indian national flag at the International Socialist Congress held at Stuttgart, Germany.

Ans
- ✗ 1. Sarojini Naidu
- ✓ 2. Bhikaji Cama
- ✗ 3. Sucheta Kripalani
- ✗ 4. Annie Besant

Q.103 Who among the following emphasised and propagated that the 'Vedanta was the religion of all and NOT of the Hindus alone'?

Ans
- ✗ 1. Ishwar Chandra Vidyasagar
- ✗ 2. Swami Dayanand Saraswati
- ✗ 3. Mahadev Govind Ranade
- ✓ 4. Swami Vivekananda

Q.104 Which of the following statements is NOT true about the High Altitude Pseudo Satellite (HAPS) that was successfully tested in India in February 2024?

Ans
- ✗ 1. It was developed by CSIR National Aerospace Laboratories.
- ✗ 2. It does not require rocket to launch.
- ✓ 3. The flights are carried on in the troposphere.
- ✗ 4. HAPS operate much closer to Earth, resulting in lower latency.

Q.105 The provision of 'Prohibition of Employment of Children in Hazardous Jobs' is reflected in which of the following Fundamental Rights of the Indian Constitution?

Ans
- ✗ 1. Right to Constitutional Remedies
- ✗ 2. Right to Equality
- ✓ 3. Right against Exploitation
- ✗ 4. Right to Freedom

Q.106 In which of the following years did Kanshiram Found Bahujan Samaj Party?

Ans
- ✓ 1. 1984
- ✗ 2. 1986
- ✗ 3. 1990
- ✗ 4. 1980

Q.107 Who among the following is related to 'khayal' in classical Hindustani music?

Ans
- ✗ 1. Amir Hasan Sijzi
- ✗ 2. Ziauddin Barani
- ✓ 3. Amir Khusrau
- ✗ 4. Abu'l Hasan al Hujwiri

Q.108 The general debate of the 79th session of the United Nations General Assembly started on which date?

Ans
- ✗ 1. 12 September 2024
- ✓ 2. 24 September 2024
- ✗ 3. 28 September 2024
- ✗ 4. 2 September 2024

Q.109 According to Census 2011, which northeastern state has the highest literacy rate?

Ans
- ✗ 1. Tripura
- ✓ 2. Mizoram
- ✗ 3. Meghalaya
- ✗ 4. Sikkim

Q.110 On which date did the Prime Minister of India Narendra Modi visit Ukraine, which was the first ever visit by an Indian Prime Minister to Ukraine since 1992?

Ans
- ✗ 1. 03 August 2024
- ✓ 2. 23 August 2024
- ✗ 3. 30 August 2024
- ✗ 4. 13 August 2024

Q.111 What is the nature of the 'PM Fasal Bima Yojna (PMFBY)' for the participating States/UTs and farmers?

Ans
- ✗ 1. Mandatory for both States/UTs and also for farmers
- ✓ 2. Mandatory for States/UTs and voluntary for farmers
- ✗ 3. Voluntary for both States/UTs and also for farmers
- ✗ 4. Voluntary for States/UTs and mandatory for farmers

Q.112 Which Article of the Indian Constitution deals with the composition of the Rajya Sabha?

Ans
- ✓ 1. Article 80
- ✗ 2. Article 95
- ✗ 3. Article 90
- ✗ 4. Article 85

Q.113 Which Indian cricket player became the Player of the Series in the two test matches cricket series against Bangladesh, played in September-October 2024?

Ans
- ✗ 1. Jasprit Bumrah
- ✓ 2. Ravichandran Ashwin
- ✗ 3. Rishabh Pant
- ✗ 4. Yashasvi Jaiswal

Q.114 When was St. Francis Church building constructed in Kochi?

Ans
- ✗ 1. 1609
- ✗ 2. 1616
- ✓ 3. 1503
- ✗ 4. 1510

Q.115 Poisson's equation, which is often used to describe the elastic properties of a material, is represented by which Greek letter?

Ans
- ✓ 1. Nu
- ✗ 2. Epsilon
- ✗ 3. Kappa
- ✗ 4. Tau

Q.116 Who among the following historical musicians is credited with formulating the Sarali Varisa and Sapta Tala Alankaras in the Carnatic Music?

Ans
- ✗ 1. Thyagaraja
- ✓ 2. Purandara Dasa
- ✗ 3. Muthuswami Dikshitar
- ✗ 4. Annamacharya

Q.117 Which Article of the Indian Constitution is related to the appointment of 'Attorney General of India'?

Ans
- ✗ 1. Article 75
- ✗ 2. Article 73
- ✓ 3. Article 76
- ✗ 4. Article 74

Q.118 On which river system is the National Waterway 1, developed by the Indian government, built?

Ans
- ✗ 1. Stretches of Godavari and Krishna rivers
- ✗ 2. Brahmaputra river between Sadiya and Dhubri
- ✗ 3. Kottapurma-Kollam, Udyogamandal and Champakkara canals
- ✓ 4. Ganges-Bhagirathi-Hooghly river system(from Haldia to Allahabad)

Q.119 What is the name of the seventh Anti-Submarine Warfare Shallow Water Craft (ASW SWC) launched by the Indian Navy in October 2024?

Ans

✗ 1. Ajay

✗ 2. Arjun

✓ 3. Abhay

✗ 4. Akash

Q.120 Select the correct sequence of colour observed when white light gets dispersed through a prism.

Ans

✗ 1. Green, Indigo, Orange and Red

✗ 2. Blue, Indigo, Green and Yellow

✗ 3. Violet, Blue, Green and Yellow

✓ 4. Blue, Green, Yellow and Orange

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