रेल भर्ती बोर्ड / **RAILWAY RECRUITMENT BOARDS**
सी ई एन आर आर सी - ०१/२०१९ - CEN RRC - 01/2019

Roll Number	
Candidate Name	
Test Center Name	Arya Institute of Engineering and Technology
Test Date	01/09/2022
Test Time	5:00 PM - 6:30 PM
Subject	Level 1

* 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 : **Level 1**

Q.1 When Mendel studied the inheritance of two traits in the pea plant, in what phenotypic ratio did he get for the plants in F2 generation?

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

Question ID : **7518974638**
Option 1 ID : **75189718551**
Option 2 ID : **75189718552**
Option 3 ID : **75189718550**
Option 4 ID : **75189718549**
Status : **Answered**
Chosen Option : **2**

Q.2 Which of the following CANNOT be explained using the phenomenon of scattering of light?

Ans ✗ 1. Reddening of sun during sunrise
✗ 2. Red colour used for danger signals
✗ 3. Blue colour of sky
✓ 4. Twinkling of stars

Question ID : **7518975441**
Option 1 ID : **75189721762**
Option 2 ID : **75189721761**
Option 3 ID : **75189721763**
Option 4 ID : **75189721764**
Status : **Answered**
Chosen Option : **4**

Q.3 HARKED is related to RAHDEK in a certain way. In the same way, RACIAL is related to CARLAI. To which of the following is NIMBLE related, following the same logic?

Ans
✗ 1. MINLEB
✗ 2. NIMELB
✔ 3. MINELB
✗ 4. NIMLEB

Question ID : **7518979028**
Option 1 ID : **75189736112**
Option 2 ID : **75189736109**
Option 3 ID : **75189736110**
Option 4 ID : **75189736111**
Status : **Answered**
Chosen Option : **3**

Q.4 In this question, a statement is followed by four conclusions. Find out which conclusion is true based on the given statement.

Statement:

$H \geq Y < T \leq L = X > W$

Conclusions:

1. $H > T$

2. $H < T$

3. $Y < X$

4. $L = W$

Ans
✗ 1. 1
✗ 2. 4
✔ 3. 3
✗ 4. 2

Question ID : **7518977328**
Option 1 ID : **75189729309**
Option 2 ID : **75189729312**
Option 3 ID : **75189729311**
Option 4 ID : **75189729310**
Status : **Answered**
Chosen Option : **3**

Q.5 'Loo' winds are usually associated with _____ in India.

Ans
✗ 1. retreating monsoons
✗ 2. winter seasons
✔ 3. summer seasons
✗ 4. advancing monsoons

Question ID : **7518978568**
Option 1 ID : **75189734272**
Option 2 ID : **75189734270**
Option 3 ID : **75189734269**
Option 4 ID : **75189734271**
Status : **Answered**
Chosen Option : **3**

Q.6 In which year was Bandhan Financial Services, a micro lender based out of Kolkata granted in-principle approval by RBI to start a universal bank?

Ans
✗ 1. 2004

✗ 2. 2010

✓ 3. 2014

✗ 4. 2018

Question ID : **7518976813**
Option 1 ID : **75189727249**
Option 2 ID : **75189727250**
Option 3 ID : **75189727251**
Option 4 ID : **75189727252**
Status : **Not Answered**
Chosen Option : **--**

Q.7 A shopkeeper has the following 3 schemes:

(I) Two successive discounts of 30% and 35%

(II) Buy 6, get 4 free

(III) Buy 5, get 6 free

Which scheme has the maximum discount percentage?

Ans
✓ 1. Only III

✗ 2. Only I

✗ 3. Only II

✗ 4. Both II and III

Question ID : **7518978693**
Option 1 ID : **75189734771**
Option 2 ID : **75189734769**
Option 3 ID : **75189734770**
Option 4 ID : **75189734772**
Status : **Answered**
Chosen Option : **1**

Q.8 Six girls, P, Q, R, S, T and V, are sitting in a circle, facing the centre of the circle. P sits to the immediate right of Q. S is 3rd to the right of P, and to the immediate left of R. V and T are immediate neighbours. T is second to the left of R. Who is to the immediate left of V?

Ans
✗ 1. S

✗ 2. Q

✓ 3. P

✗ 4. T

Question ID : **7518978947**
Option 1 ID : **75189735788**
Option 2 ID : **75189735785**
Option 3 ID : **75189735786**
Option 4 ID : **75189735787**
Status : **Answered**
Chosen Option : **3**

Q.9 Consumer theory is how people decide to spend their _____.

Ans
✗ 1. relations
✗ 2. energy
✗ 3. time
✓ 4. money

Question ID : **7518977496**
Option 1 ID : **75189729981**
Option 2 ID : **75189729984**
Option 3 ID : **75189729982**
Option 4 ID : **75189729983**
Status : **Answered**
Chosen Option : **4**

Q.10 From the given numbers 452, 243, 361, 579 and 674, if in each number, the first and the second digits of each number are interchanged, than which of the following will be the highest number?
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

Ans
✗ 1. 361
✗ 2. 579
✗ 3. 452
✓ 4. 674

Question ID : **7518979047**
Option 1 ID : **75189736186**
Option 2 ID : **75189736187**
Option 3 ID : **75189736185**
Option 4 ID : **75189736188**
Status : **Answered**
Chosen Option : **4**

Q.11 Five persons, P, Q, R, S and T travelled in different months of the same year viz. January, February, March, April and May.
R travelled in February. Only one person travelled between R and S. Only three people travelled between Q and T. T travelled in a month after S. Who among them travelled in May?

Ans
✗ 1. Q
✗ 2. S
✓ 3. T
✗ 4. P

Question ID : **7518978190**
Option 1 ID : **75189732757**
Option 2 ID : **75189732758**
Option 3 ID : **75189732759**
Option 4 ID : **75189732760**
Status : **Answered**
Chosen Option : **3**

Q.12 A unicellular organism has a definite shape, takes food in at a specific spot, and uses hair like cilia to move food to that spot. Identify the organism.

Ans

✔ 1. Paramaecium

✘ 2. Lice

✘ 3. Euglena

✘ 4. Plasmodium

Question ID : **7518974572**
Option 1 ID : **75189718286**
Option 2 ID : **75189718285**
Option 3 ID : **75189718288**
Option 4 ID : **75189718287**
Status : **Answered**
Chosen Option : **1**

Q.13 India's First Five Year Plan covered the period from _____, which mainly focused in the development of the primary sector.

Ans

✘ 1. 1949 to 1954

✘ 2. 1947 to 1952

✘ 3. 1956 to 1961

✔ 4. 1951 to 1956

Question ID : **7518974060**
Option 1 ID : **75189716240**
Option 2 ID : **75189716238**
Option 3 ID : **75189716237**
Option 4 ID : **75189716239**
Status : **Answered**
Chosen Option : **4**

Q.14 Which gases are evolved during complete decomposition of ferrous sulphate crystals?

Ans

✔ 1. Both SO_2 and SO_3

✘ 2. Only SO_3

✘ 3. O_2

✘ 4. Only SO_2

Question ID : **7518978118**
Option 1 ID : **75189732471**
Option 2 ID : **75189732470**
Option 3 ID : **75189732472**
Option 4 ID : **75189732469**
Status : **Answered**
Chosen Option : **1**

Q.15 If the product of two numbers, not necessarily distinct from each other, is 25 and their HCF is 5, then their LCM is:

Ans
✖ 1. 4
✖ 2. 7
✖ 3. 6
✔ 4. 5

Question ID : **7518975825**
Option 1 ID : **75189723297**
Option 2 ID : **75189723300**
Option 3 ID : **75189723299**
Option 4 ID : **75189723298**
Status : **Answered**
Chosen Option : **4**

Q.16 Select the combination of letters that when placed from left to right in the same sequence in the blanks of the given series will complete the series.

XY_YZ__XYY__ABXY__ZAB__YYZA_

Ans
✖ 1. YABYZYYXYY
✖ 2. YZBYZYYXYB
✖ 3. XABYZYYXYB
✔ 4. YABYZYYXYB

Question ID : **7518977955**
Option 1 ID : **75189731817**
Option 2 ID : **75189731820**
Option 3 ID : **75189731818**
Option 4 ID : **75189731819**
Status : **Answered**
Chosen Option : **4**

Q.17 Find the area of a trapezium (in sq. unit) with parallel sides of length 3 unit and 5 unit and the shortest distance between its parallel sides is 6 unit.

Ans
✖ 1. 15
✖ 2. 48
✔ 3. 24
✖ 4. 12

Question ID : **7518976179**
Option 1 ID : **75189724716**
Option 2 ID : **75189724715**
Option 3 ID : **75189724713**
Option 4 ID : **75189724714**
Status : **Answered**
Chosen Option : **3**

Q.18 Which is the correct formula for median of grouped data?

Consider:

L = lower limit of median class

CF_0 = cumulative frequency of preceding class

F = frequency of median class

H = class width

N = the total of frequency

Ans

✗ 1. $\dfrac{\frac{N}{2} - CF_0}{F} \times H$

✔ 2. $L + \dfrac{\frac{N}{2} - CF_0}{F} \times H$

✗ 3. $L + \dfrac{\frac{N}{2} - CF_0}{F}$

✗ 4. $L + \dfrac{N}{2} - CF_0 - F \times H$

Question ID : **7518975683**
Option 1 ID : **75189722731**
Option 2 ID : **75189722730**
Option 3 ID : **75189722732**
Option 4 ID : **75189722729**
Status : **Answered**
Chosen Option : **2**

Q.19 Which of the following numbers will replace the question mark (?) in the given series?

99, 101, 104, 109, 116, ?

Ans ✗ 1. 132

✔ 2. 127

✗ 3. 124

✗ 4. 128

Question ID : **7518978302**
Option 1 ID : **75189733205**
Option 2 ID : **75189733208**
Option 3 ID : **75189733207**
Option 4 ID : **75189733206**
Status : **Answered**
Chosen Option : **2**

Q.20 Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statement.

Statements:

All bins are plastics

Some plastics are nylon

Some nylons are green

Conclusions:

(I) Some nylons are plastics

(II) All plastics are bins

(III) Some greens are nylons

Ans ✗ 1. Only conclusion II follows

✗ 2. None of the conclusions follow

✔ 3. Only conclusions I and III follow

✗ 4. Only conclusion I follows

Question ID : 7518977603
Option 1 ID : 75189730410
Option 2 ID : 75189730412
Option 3 ID : 75189730411
Option 4 ID : 75189730409
Status : **Answered**
Chosen Option : **3**

Q.21 The sum of two positive numbers is 45 and their difference is 19. What are the numbers?

Ans ✔ 1. 32, 13

✗ 2. 30, 15

✗ 3. 25, 20

✗ 4. 31, 15

Question ID : 7518975704
Option 1 ID : 75189722814
Option 2 ID : 75189722816
Option 3 ID : 75189722813
Option 4 ID : 75189722815
Status : **Answered**
Chosen Option : **1**

Q.22 Refer to the following letter series and answer the question.
J F V I E J E M V E F O J V E J J V M E X
How many such consonants are there each of which is immediately preceded by a vowel and also immediately followed by a vowel?

Ans ✗ 1. Three

✗ 2. Four

✗ 3. One

✔ 4. Two

Question ID : 7518978254
Option 1 ID : 75189733015
Option 2 ID : 75189733016
Option 3 ID : 75189733013
Option 4 ID : 75189733014
Status : **Answered**
Chosen Option : **4**

Q.23

How many languages are included in the Indo-Aryan language family as per Family-Wise Grouping of The 122 Scheduled and Non-Scheduled Languages - 2001?

Ans

✗ 1. 15

✗ 2. 25

✔ 3. 21

✗ 4. 12

Question ID : **7518973822**
Option 1 ID : **75189715287**
Option 2 ID : **75189715288**
Option 3 ID : **75189715286**
Option 4 ID : **75189715285**
Status : **Not Answered**
Chosen Option : **--**

Q.24 The water currents flowing from tropical zones of lower latitudes to higher temperate and sub-polar zones are known as _____.

Ans

✔ 1. warm currents

✗ 2. cold currents

✗ 3. water drift

✗ 4. tides

Question ID : **7518978898**
Option 1 ID : **75189735590**
Option 2 ID : **75189735589**
Option 3 ID : **75189735591**
Option 4 ID : **75189735592**
Status : **Answered**
Chosen Option : **3**

Q.25 An object of size 1.0 cm is placed in front of a concave mirror of focal length 16 cm, at a distance of 24 cm. The image formed is _____ and its height is _____.

Ans

✗ 1. erect, 2.0 cm

✗ 2. erect, 0.4 cm

✗ 3. inverted, 0.4 cm

✔ 4. inverted, 2.0 cm

Question ID : **7518976610**
Option 1 ID : **75189726438**
Option 2 ID : **75189726440**
Option 3 ID : **75189726439**
Option 4 ID : **75189726437**
Status : **Answered**
Chosen Option : **4**

Q.26 At the inauguration of 'Tech NEEV @ 75' in November 2021, Union Minister of State for Science and Technology, Jitendra Singh announced the setting up of 30 STI Hubs in different parts of the country for Scheduled Tribes (STs) by the end of 2022. STI stands for _____.

Ans
✗ 1. Scientific and Technological Investigation

✓ 2. Science, Technology and Innovation

✗ 3. Special Technological Industry

✗ 4. Science, Technology and Industrialization

Question ID : **7518978498**
Option 1 ID : **75189733991**
Option 2 ID : **75189733989**
Option 3 ID : **75189733990**
Option 4 ID : **75189733992**
Status : **Answered**
Chosen Option : **2**

Q.27 If α and β are the roots of the equation $6x^2 + x - 15 = 0$, where α > β, then the value of (α − β) is:

Ans
✗ 1. $\dfrac{20}{3}$

✓ 2. $\dfrac{19}{6}$

✗ 3. $\dfrac{1}{6}$

✗ 4. $\dfrac{1}{3}$

Question ID : **7518978451**
Option 1 ID : **75189733803**
Option 2 ID : **75189733804**
Option 3 ID : **75189733801**
Option 4 ID : **75189733802**
Status : **Answered**
Chosen Option : **2**

Q.28 Baisakhi festival is celebrated in the month of _____ in India.

Ans
✗ 1. January

✗ 2. March

✓ 3. April

✗ 4. February

Question ID : **7518977472**
Option 1 ID : **75189729885**
Option 2 ID : **75189729887**
Option 3 ID : **75189729888**
Option 4 ID : **75189729886**
Status : **Answered**
Chosen Option : **3**

Q.29 A 280 m long train overtakes a man moving at a speed of 8 km/h (in same direction) in 16 seconds. How much time (in seconds) will it take this train to completely cross another 380 m long train, moving in the opposite direction at a speed of 37 km/h?

Ans ✗ 1. 25

✗ 2. 28

✓ 3. 22

✗ 4. 20

Question ID : **7518978399**
Option 1 ID : **75189733595**
Option 2 ID : **75189733596**
Option 3 ID : **75189733594**
Option 4 ID : **75189733593**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.30 Pole F is to the north of pole B and west of pole E. Pole R is to the east of pole E and north of pole U. What is the position of pole R with respect to pole B?

Ans ✗ 1. South

✗ 2. North

✓ 3. North-east

✗ 4. South-east

Question ID : **7518977371**
Option 1 ID : **75189729483**
Option 2 ID : **75189729481**
Option 3 ID : **75189729482**
Option 4 ID : **75189729484**
Status : **Answered**
Chosen Option : **3**

Q.31 In $\triangle$ ABC, DE ∥ AC, where D and E are the points on sides AB and BC, respectively. If BD = 4 cm and AD = $2\sqrt{2}$ cm, then what is the ratio of the area of $\triangle$ BDE to the trapezium ADEC?

Ans ✗ 1. $2 : (1 + \sqrt{2})$

✓ 2. $2 : (1 + 2\sqrt{2})$

✗ 3. $2 : (1 + 3\sqrt{2})$

✗ 4. $1 : (1 + 2\sqrt{2})$

Question ID : **7518978476**
Option 1 ID : **75189733903**
Option 2 ID : **75189733904**
Option 3 ID : **75189733901**
Option 4 ID : **75189733902**
Status : **Answered**
Chosen Option : **2**

Q.32 All 50 students of a class are standing in a straight row facing north. Rakesh is 17th from the right end, while Kamlesh is 22nd from the left end. How many students are standing between Rakesh and Kamlesh?

Ans
✔ 1. 11
✘ 2. 16
✘ 3. 5
✘ 4. 8

Question ID : **7518978179**
Option 1 ID : **75189732713**
Option 2 ID : **75189732715**
Option 3 ID : **75189732714**
Option 4 ID : **75189732716**
Status : **Answered**
Chosen Option : **1**

Q.33 If an exterior angle of a regular polygon is 40°, then the number of sides in the regular polygon is:

Ans
✘ 1. 10
✘ 2. 7
✔ 3. 9
✘ 4. 8

Question ID : **7518978800**
Option 1 ID : **75189735197**
Option 2 ID : **75189735200**
Option 3 ID : **75189735198**
Option 4 ID : **75189735199**
Status : **Answered**
Chosen Option : **3**

Q.34 Which of the following parts of the human body is/are NOT lined with squamous epithelium?

Ans
✘ 1. Mouth
✘ 2. Skin
✘ 3. Oesophagus
✔ 4. Kidney tubules

Question ID : **7518977817**
Option 1 ID : **75189731265**
Option 2 ID : **75189731268**
Option 3 ID : **75189731266**
Option 4 ID : **75189731267**
Status : **Answered**
Chosen Option : **2**

Q.35 In a code language, BRAIN is coded as YIZRM and COACH is coded as XLZXS. What is the code for ENTRY in that language?

Ans
- ✗ 1. UNGIB
- ✗ 2. UMFIB
- ✗ 3. VNFIB
- ✓ 4. VMGIB

Question ID : **7518979009**
Option 1 ID : **75189736036**
Option 2 ID : **75189736033**
Option 3 ID : **75189736034**
Option 4 ID : **75189736035**
Status : **Answered**
Chosen Option : **4**

Q.36 Which of the following mountain ranges is NOT a part of the Himalayan mountains?

Ans
- ✗ 1. Pir Panjal Range
- ✗ 2. Zanskar Range
- ✓ 3. Mahadeo Range
- ✗ 4. Karakoram Range

Question ID : **7518974271**
Option 1 ID : **75189717082**
Option 2 ID : **75189717081**
Option 3 ID : **75189717084**
Option 4 ID : **75189717083**
Status : **Answered**
Chosen Option : **4**

Q.37 If 9.6 : 16.8 :: 18 : x, what is the value of x?

Ans
- ✗ 1. 20.4
- ✗ 2. 24.8
- ✗ 3. 25.5
- ✓ 4. 31.5

Question ID : **7518978369**
Option 1 ID : **75189733473**
Option 2 ID : **75189733474**
Option 3 ID : **75189733475**
Option 4 ID : **75189733476**
Status : **Answered**
Chosen Option : **4**

Q.38 The cost of 2 tables and 3 chairs is ₹540, while that of 2 tables and 1 chair is ₹470. What is the cost of 5 chairs?

Ans
✔ 1. ₹175
✘ 2. ₹185
✘ 3. ₹245
✘ 4. ₹205

Question ID : **7518975706**
Option 1 ID : **75189722823**
Option 2 ID : **75189722821**
Option 3 ID : **75189722822**
Option 4 ID : **75189722824**
Status : **Answered**
Chosen Option : **1**

Q.39 If $(\sin\beta + \operatorname{cosec}\beta)^2 + (\sec\beta - \cos\beta)^2 = a + \tan^2\beta + \cot^2\beta$, then the value of a is:

Ans
✔ 1. 3
✘ 2. 0
✘ 3. 2
✘ 4. 5

Question ID : **7518976388**
Option 1 ID : **75189725551**
Option 2 ID : **75189725549**
Option 3 ID : **75189725550**
Option 4 ID : **75189725552**
Status : **Answered**
Chosen Option : **1**

Q.40 Which of the following interchanges of numbers would make the given equation correct?

$5 \times 15 \div 5 + 22 - 18 = 25$

Ans
✘ 1. 5, 15
✔ 2. 22, 25
✘ 3. 22, 18
✘ 4. 5, 25

Question ID : **7518977760**
Option 1 ID : **75189731038**
Option 2 ID : **75189731039**
Option 3 ID : **75189731037**
Option 4 ID : **75189731040**
Status : **Answered**
Chosen Option : **2**

Q.41 Which of the following has the highest boiling point?

Ans   ✗ 1. NaCl

      ✗ 2. LiCl

      ✔ 3. CaO

      ✗ 4. $CaCl_2$

Question ID : **7518973492**
Option 1 ID : **75189713966**
Option 2 ID : **75189713965**
Option 3 ID : **75189713968**
Option 4 ID : **75189713967**
Status : **Answered**
Chosen Option : **3**

Q.42 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

13 : 31 :: 15 : 33 :: 20 : ?

Ans   ✗ 1. 40

      ✗ 2. 36

      ✗ 3. 32

      ✔ 4. 38

Question ID : **7518978310**
Option 1 ID : **75189733237**
Option 2 ID : **75189733238**
Option 3 ID : **75189733239**
Option 4 ID : **75189733240**
Status : **Answered**
Chosen Option : **4**

Q.43 Find the value of $529 \div 23 \times 61 - 1403$.

Ans   ✗ 1. 1

      ✗ 2. 2

      ✗ 3. 3

      ✔ 4. 0

Question ID : **7518975788**
Option 1 ID : **75189723149**
Option 2 ID : **75189723150**
Option 3 ID : **75189723152**
Option 4 ID : **75189723151**
Status : **Answered**
Chosen Option : **4**

Q.44 Given below is a decision followed by two statements I and II. Read the information carefully and select the correct option.

Decision:

The state government has decided to start free education programs for all uneducated females living in villages in order to provide them with basic education.

Statements:

I. Similar programs in other states had resulted in 63% more employed women in just 2 years.

II. Some of the women in the said state, currently have children below 5 years of age, due to which they do not have much free time.

Ans

✗ 1. Both statements I and II weaken the decision.

✗ 2. Statement I is neutral but statement II weakens the decision.

✗ 3. Both statements I and II strengthen the decision.

✔ 4. Statement I strengthens the decision but statement II is neutral.

Question ID : **7518979076**
Option 1 ID : **75189736303**
Option 2 ID : **75189736304**
Option 3 ID : **75189736301**
Option 4 ID : **75189736302**
Status : **Not Answered**
Chosen Option : **--**

Q.45 In which Indian state will you find The Sumi Baptist Church?

Ans

✗ 1. Goa

✔ 2. Nagaland

✗ 3. Manipur

✗ 4. Kerala

Question ID : **7518974195**
Option 1 ID : **75189716778**
Option 2 ID : **75189716780**
Option 3 ID : **75189716779**
Option 4 ID : **75189716777**
Status : **Not Answered**
Chosen Option : **--**

Q.46 If the ratio of two numbers is 4 : 3 and the product of their LCM and their HCF is 432, then the sum of the reciprocals of the LCM and the HCF is:

Ans

✔ 1. $\dfrac{13}{72}$

✗ 2. $\dfrac{13}{27}$

✗ 3. $\dfrac{13}{7}$

✗ 4. $\dfrac{13}{2}$

Question ID : **7518975828**
Option 1 ID : **75189723309**
Option 2 ID : **75189723312**
Option 3 ID : **75189723311**
Option 4 ID : **75189723310**
Status : **Not Answered**
Chosen Option : **--**

Q.47 A dealer buys apples at ₹50, ₹40 and ₹30 per kilogram. He mixes them in the ratio 2 : 4 : 9 respectively, by weight, and sells at a profit of 30%. At what approximate price per kilogram does he sell the apples?

Ans
✗ 1. ₹75/kg

✓ 2. ₹45.9/kg

✗ 3. ₹10.8/kg

✗ 4. ₹23.5/kg

Question ID : **7518975635**
Option 1 ID : **75189722540**
Option 2 ID : **75189722537**
Option 3 ID : **75189722539**
Option 4 ID : **75189722538**
Status : **Answered**
Chosen Option : **2**

Q.48 The sum of two times the present age of A and three times the present age of B is 106 years. Four times the present age of B exceeds three times the present age of A by 11 years. What will be the sum of the ages (in years) of A and B, 4 years from now?
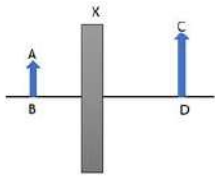
Ans
✗ 1. 49

✗ 2. 47

✗ 3. 43

✓ 4. 51

Question ID : **7518978444**
Option 1 ID : **75189733775**
Option 2 ID : **75189733774**
Option 3 ID : **75189733773**
Option 4 ID : **75189733776**
Status : **Answered**
Chosen Option : **4**

Q.49 A man covers distances of 300 km, 225 km, and 375 km at the speed of 15 km/h, x km/h and 30 km/h, respectively. If his average speed for the whole journey is 20 km/h, then what is the value of x ?

Ans
✗ 1. 24

✗ 2. 15

✗ 3. 20

✓ 4. 18

Question ID : **7518978413**
Option 1 ID : **75189733652**
Option 2 ID : **75189733649**
Option 3 ID : **75189733651**
Option 4 ID : **75189733650**
Status : **Not Answered**
Chosen Option : **--**

Q.50 An optical device X forms an image CD for an object AB as shown in the figure. The device X is a:

Ans

✔ 1. concave mirror

✘ 2. convex lens

✘ 3. convex mirror

✘ 4. concave lens

Question ID : **7518975354**
Option 1 ID : **75189721414**
Option 2 ID : **75189721415**
Option 3 ID : **75189721413**
Option 4 ID : **75189721416**
Status : **Answered**
Chosen Option : **2**

Q.51 What is the waste product in photosynthesis?

Ans

✔ 1. Oxygen

✘ 2. Water

✘ 3. Carbon dioxide

✘ 4. Glucose

Question ID : **7518977807**
Option 1 ID : **75189731226**
Option 2 ID : **75189731225**
Option 3 ID : **75189731227**
Option 4 ID : **75189731228**
Status : **Answered**
Chosen Option : **1**

Q.52 Direction of rotation of armature of motor can be found with the help of _____.

Ans

✘ 1. Fleming's right-hand rule

✔ 2. Fleming's left-hand rule

✘ 3. Right hand thumb rule

✘ 4. Maxwell's corkscrew rule

Question ID : **7518978160**
Option 1 ID : **75189732640**
Option 2 ID : **75189732639**
Option 3 ID : **75189732638**
Option 4 ID : **75189732637**
Status : **Answered**
Chosen Option : **2**

Q.53 When resistors are connected in series combination, then potential difference across each resistor will be:

Ans ✗ 1. Proportional to thickness

✔ 2. Proportional to resistance

✗ 3. Similar

✗ 4. Equally divided

Question ID :	**7518978136**
Option 1 ID :	**75189732542**
Option 2 ID :	**75189732543**
Option 3 ID :	**75189732544**
Option 4 ID :	**75189732541**
Status :	**Answered**
Chosen Option :	**2**

Q.54 In 1993, the Government of India established an institution, the NHRC, to monitor the violations of human rights. What is the full form of NHRC?

Ans ✗ 1. National Human Rights Constitution

✗ 2. National Human Rights Committee

✗ 3. National Hindu Rights Commission

✔ 4. National Human Rights Commission

Question ID :	**7518978928**
Option 1 ID :	**75189735710**
Option 2 ID :	**75189735712**
Option 3 ID :	**75189735711**
Option 4 ID :	**75189735709**
Status :	**Answered**
Chosen Option :	**4**

Q.55 Seven boxes A, B, C, D, E, F and G are kept one above the other, not necessarily in the same order. Box E is the topmost box. Box G is the third box above box A. Box F is immediately above box G. Box B is immediately below box C. There is only one box between box B and box D. How many boxes are there between D and G?

Ans ✗ 1. One

✗ 2. Two

✗ 3. Four

✔ 4. Three

Question ID :	**7518978961**
Option 1 ID :	**75189735841**
Option 2 ID :	**75189735842**
Option 3 ID :	**75189735844**
Option 4 ID :	**75189735843**
Status :	**Not Answered**
Chosen Option :	**--**

Q.56 The simplified value of $\dfrac{(0.11)^2 + (0.06)^2 + (0.031)^2}{(0.011)^2 + (0.006)^2 + (0.0031)^2}$ is:

Ans ✗ 1. 10

✗ 2. 1

✗ 3. 1000

✔ 4. 100

Question ID : **7518978626**
Option 1 ID : **75189734503**
Option 2 ID : **75189734504**
Option 3 ID : **75189734501**
Option 4 ID : **75189734502**
Status : **Answered**
Chosen Option : **4**

Q.57 If $x^2 - 4x + 4 = 0$, then the value of $x^3 + x^2 + \dfrac{1}{x} + \dfrac{1}{x^2}$ is:

Ans ✗ 1. 15.75

✗ 2. 14.75

✔ 3. 12.75

✗ 4. 13.75

Question ID : **7518978627**
Option 1 ID : **75189734505**
Option 2 ID : **75189734506**
Option 3 ID : **75189734508**
Option 4 ID : **75189734507**
Status : **Not Answered**
Chosen Option : **--**

Q.58 While returning home from school Rana misdirected from his way. From school he first walked for 3 km towards the south and then turned left and walked for 2 km. From there, he turned towards the left and further walked for 3 km. Finally he again turned to his left and walked for 1 km to reach his home. In which direction is his home from school? (All turns are 90 degree turns only)

Ans ✗ 1. South

✗ 2. West

✔ 3. East

✗ 4. North

Question ID : **7518978021**
Option 1 ID : **75189732084**
Option 2 ID : **75189732082**
Option 3 ID : **75189732081**
Option 4 ID : **75189732083**
Status : **Not Answered**
Chosen Option : **--**

Q.59 Which of the following events related to India's freedom struggle is matched correctly with its year of occurence?

Ans ✗ 1.

1918 – General Dyer opened fire at a gathering at Jallianwala Bagh

✗ 2.

1928 – The Indian National Congress passed the resolution on Purna Swaraj

✗ 3.

1932 – Dr. B.R. Ambedkar, organized the Dalits into the Depressed Classes Association

✓ 4.

1922 – Mahatma Gandhi halted the Non-cooperation Movement on the national level as a direct result of the Chauri Chaura incident

Question ID : **7518978512**
Option 1 ID : **75189734048**
Option 2 ID : **75189734046**
Option 3 ID : **75189734047**
Option 4 ID : **75189734045**
Status : **Answered**
Chosen Option : **4**

Q.60 Study the following arrangement and answer the question given below. All numbers given below are 2 digit numbers.

85 34 @ 36 # 56 67 * 79 S 42 48 % 32 81 Ø 57 38 ^ 73 / 51

What will be the sum of those odd numbers which are followed by symbols and even numbers which are preceded by symbols?

Ans ✓ 1. 466

✗ 2. 523

✗ 3. 498

✗ 4. 548

Question ID : **7518979003**
Option 1 ID : **75189736012**
Option 2 ID : **75189736010**
Option 3 ID : **75189736011**
Option 4 ID : **75189736009**
Status : **Not Answered**
Chosen Option : **--**

Q.61 If $x^2 - 2x + 1 = 0$, then it has:

Ans ✗ 1. five roots

✓ 2. two roots

✗ 3. three roots

✗ 4. four roots

Question ID : **7518975943**
Option 1 ID : **75189723772**
Option 2 ID : **75189723769**
Option 3 ID : **75189723770**
Option 4 ID : **75189723771**
Status : **Answered**
Chosen Option : **2**

Q.62 When magnetic field is acting towards north and current is moving in east to west direction through a conductor, then the conductor will move _____ direction

Ans

✗ 1. in the upward

✗ 2. towards left

✗ 3. towards right

✔ 4. in the downward

Question ID : **7518978154**
Option 1 ID : **75189732615**
Option 2 ID : **75189732613**
Option 3 ID : **75189732614**
Option 4 ID : **75189732616**
Status : **Answered**
Chosen Option : **4**

Q.63 Rays coming from the sun are refracted by the atmosphere. Due to this, the apparent sunset is about _____ the actual sunset.

Ans

✗ 1. 1 minute after

✗ 2. 1 minute before

✗ 3. 2 minutes before

✔ 4. 2 minutes after

Question ID : **7518976660**
Option 1 ID : **75189726637**
Option 2 ID : **75189726638**
Option 3 ID : **75189726640**
Option 4 ID : **75189726639**
Status : **Answered**
Chosen Option : **4**

Q.64 The State Election Commission does NOT conduct elections to _____.

Ans

✔ 1. State Legislative Assemblies

✗ 2. Town Municipal Councils

✗ 3. Gram Panchayats
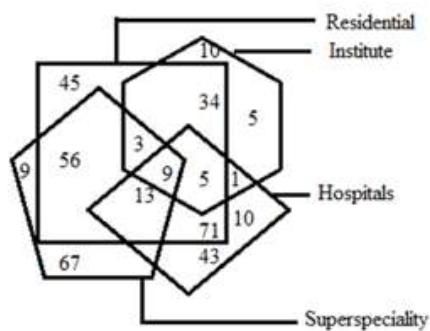
✗ 4. Municipal Corporations

Question ID : **7518978606**
Option 1 ID : **75189734423**
Option 2 ID : **75189734421**
Option 3 ID : **75189734424**
Option 4 ID : **75189734422**
Status : **Answered**
Chosen Option : **1**

Q.65 How many such pairs of letters are there in the word FRANCK (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

Ans   ✗ 1. None

✗ 2. Three

✔ 3. Two

✗ 4. One

Question ID : 7518978243
Option 1 ID : 75189732969
Option 2 ID : 75189732972
Option 3 ID : 75189732971
Option 4 ID : 75189732970
Status : Answered
Chosen Option : 3

Q.66 Study the given Venn diagram and answer the question that follows.

How many residential super-specialty hospitals are institutes?

Ans   ✗ 1. 13

✗ 2. 5

✔ 3. 9

✗ 4. 3

Question ID : 7518977925
Option 1 ID : 75189731698
Option 2 ID : 75189731699
Option 3 ID : 75189731700
Option 4 ID : 75189731697
Status : Answered
Chosen Option : 1

Q.67 Which of the following is the most electronegative element?

Ans ✔ 1. Cl

✘ 2. S

✘ 3. Al

✘ 4. Mg

Question ID : **7518973532**
Option 1 ID : **75189714125**
Option 2 ID : **75189714126**
Option 3 ID : **75189714128**
Option 4 ID : **75189714127**
Status : **Answered**
Chosen Option : **1**

Q.68 Who suggested that the origin of life must have been from simple inorganic substances?

Ans ✘ 1. Stanley L Miller

✘ 2. Charles Darwin

✔ 3. JBS Haldane

✘ 4. Gregor Mendel

Question ID : **7518974441**
Option 1 ID : **75189717764**
Option 2 ID : **75189717762**
Option 3 ID : **75189717763**
Option 4 ID : **75189717761**
Status : **Not Answered**
Chosen Option : **--**

Q.69 In a chemical equation, the arrow head points towards:

Ans ✘ 1. reaction conditions

✘ 2. Solvent

✔ 3. products

✘ 4. Reactants

Question ID : **7518978112**
Option 1 ID : **75189732445**
Option 2 ID : **75189732446**
Option 3 ID : **75189732447**
Option 4 ID : **75189732448**
Status : **Answered**
Chosen Option : **3**

Q.70 Krishna has a few coins of 1 rupee, 50 paise and 25 paise in the ratio $\frac{1}{4} : \frac{1}{2} : \frac{1}{2}$. If the number of 25 paise coins is 100, then the total amount with Krishna is:

Ans
✗ 1. ₹100

✗ 2. ₹75

✔ 3. ₹125

✗ 4. ₹120

Question ID : **7518975843**
Option 1 ID : **75189723371**
Option 2 ID : **75189723369**
Option 3 ID : **75189723372**
Option 4 ID : **75189723370**
Status : **Answered**
Chosen Option : **3**

Q.71 $C_6H_{12}O_6 \text{ (aq)} + 6O_2\text{(aq)} \rightarrow 6\,CO_2 \text{ (aq)} + 6H_2O \text{ (l)} + energy$

The special name for the given reaction is:

Ans
✔ 1. respiration

✗ 2. metabolism

✗ 3. digestion

✗ 4. energy conversion

Question ID : **7518973575**
Option 1 ID : **75189714297**
Option 2 ID : **75189714299**
Option 3 ID : **75189714298**
Option 4 ID : **75189714300**
Status : **Answered**
Chosen Option : **1**

Q.72 Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$14.96 \div 10.96 + 13.16 - 12.89 \times 2.04 + 24.93 \div 5.1 = ?$

Ans
✗ 1. 20

✗ 2. 16

✗ 3. 22

✔ 4. 18

Question ID : **7518978324**
Option 1 ID : **75189733293**
Option 2 ID : **75189733294**
Option 3 ID : **75189733296**
Option 4 ID : **75189733295**
Status : **Not Answered**
Chosen Option : **--**

Q.73 In India, the constitutional head of the Executive of the Union is the _____.

Ans   ✗ 1.   Prime Minister

     ✗ 2.   Vice President

     ✗ 3.   Speaker of Lok Sabha

     ✓ 4.   President

Question ID : **7518977565**
Option 1 ID : **75189730258**
Option 2 ID : **75189730257**
Option 3 ID : **75189730259**
Option 4 ID : **75189730260**
Status : **Answered**
Chosen Option : **4**

Q.74 There are eight persons P, Q, R, S, T, U, V and W, sitting around a rectangular table in such a way that four of them sit at four corners of the table while the other four sit in the middle of each of the four sides. All the eight persons face toward the centre. T sits third to the right of V, but T is not the immediate neighbour of U. R sits second to the right of Q. S sits second to the right of U. P sits third to the right Q. Who among the following is sitting 4th to the right of P?

Ans   ✗ 1.   W

     ✗ 2.   R

     ✗ 3.   U

     ✓ 4.   S

Question ID : **7518978950**
Option 1 ID : **75189735798**
Option 2 ID : **75189735797**
Option 3 ID : **75189735799**
Option 4 ID : **75189735800**
Status : **Not Answered**
Chosen Option : **--**

Q.75 A car covers certain distance in $2\frac{1}{4}$ hours at 36 miles/h and another distance in $1\frac{3}{4}$ hours at 56 miles/h. Find the total distance (in miles) travelled by the car.

Ans   ✓ 1.   179

     ✗ 2.   139

     ✗ 3.   200

     ✗ 4.   159

Question ID : **7518976088**
Option 1 ID : **75189724351**
Option 2 ID : **75189724349**
Option 3 ID : **75189724352**
Option 4 ID : **75189724350**
Status : **Answered**
Chosen Option : **1**

Q.76 Mendeleev's period table examined the relationship between the atomic mass of elements and their _____.

Ans ✗ 1. colour

✔ 2. physical and chemical properties both

✗ 3. physical properties only

✗ 4. chemical properties only

Question ID : **7518973508**
Option 1 ID : **75189714032**
Option 2 ID : **75189714031**
Option 3 ID : **75189714029**
Option 4 ID : **75189714030**
Status : **Answered**
Chosen Option : **4**

Q.77 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

2 : 10 :: 3 : 30 :: 4 : ?

Ans ✔ 1. 68

✗ 2. 72

✗ 3. 70

✗ 4. 58

Question ID : **7518978314**
Option 1 ID : **75189733256**
Option 2 ID : **75189733255**
Option 3 ID : **75189733253**
Option 4 ID : **75189733254**
Status : **Not Answered**
Chosen Option : **--**

Q.78 Which of the following schemes of the Government of India aims to empower the students belonging to minority communities and prepare them for competitive examinations?

Ans ✗ 1. Nai Manzil

✗ 2. Maulana Azad National Fellowship

✗ 3. Nai Udaan

✔ 4. Naya Savera

Question ID : **7518976783**
Option 1 ID : **75189727131**
Option 2 ID : **75189727129**
Option 3 ID : **75189727130**
Option 4 ID : **75189727132**
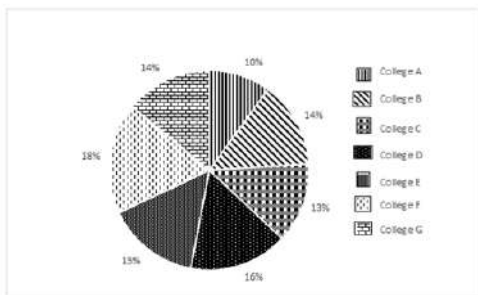Status : **Answered**
Chosen Option : **2**

Q.79 When a 24 V potential is applied across a conductor and 96 mA current is flowing through it then the resistance of the conductor is:

Ans ✗ 1. 0.04 Ω

  ✔ 2. 250 Ω

  ✗ 3. 40 Ω

  ✗ 4. 0.250 Ω

Question ID : **7518978128**
Option 1 ID : **75189732511**
Option 2 ID : **75189732512**
Option 3 ID : **75189732509**
Option 4 ID : **75189732510**
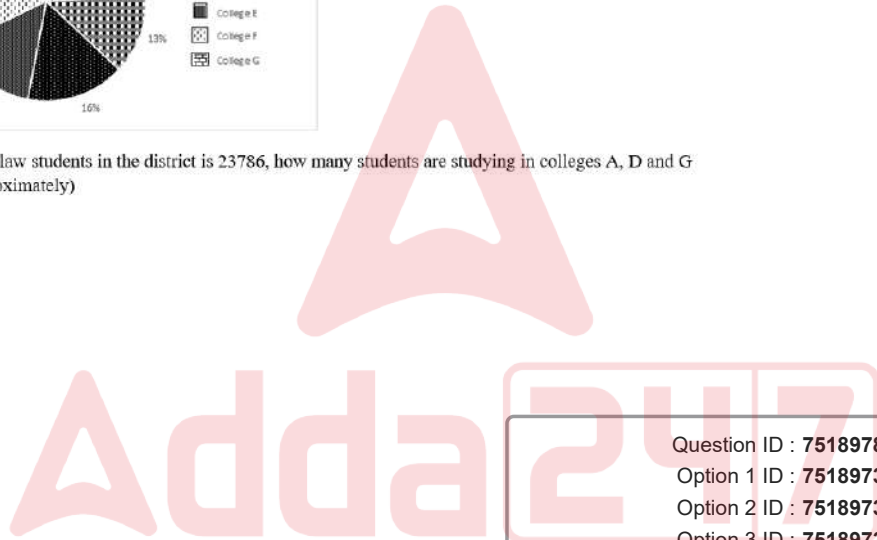Status : **Answered**
Chosen Option : **4**

Q.80 Study the given pie-chart and answer the question that follows.

The pie-chart presents the percentage of law students enrolled in different colleges of Agra district.

If the total number of law students in the district is 23786, how many students are studying in colleges A, D and G taken together? (approximately)

Ans ✗ 1. 9520

  ✗ 2. 7134

  ✗ 3. 10701

  ✔ 4. 9514

Question ID : **7518978096**
Option 1 ID : **75189732381**
Option 2 ID : **75189732384**
Option 3 ID : **75189732382**
Option 4 ID : **75189732383**
Status : **Answered**
Chosen Option : **4**

Q.81 In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $X > E \geq U < W = T > J < L$

Conclusions:

I. $T < E$

II. $X < U$

Ans ✔ 1. Neither conclusion I nor II is true

✗ 2. Only conclusion II is true

✗ 3. Both conclusions I and II are true

✗ 4. Only conclusion I is true

Question ID : **7518974957**
Option 1 ID : **75189719828**
Option 2 ID : **75189719826**
Option 3 ID : **75189719827**
Option 4 ID : **75189719825**
Status : **Answered**
Chosen Option : **1**

Q.82 Which of the following formulas is used to determine the Gross Fiscal Deficit?

Ans ✗ 1.
Capital Receipt – (Revenue Expenditure + Capital Expenditure)

✔ 2.
Total Expenditure – (Revenue Receipts + Non-debt creating Capital Receipts)

✗ 3. Total Receipt – Total Expenditure

✗ 4. Total Expenditure – (Revenue Receipts + Capital Receipt)

Question ID : **7518977220**
Option 1 ID : **75189728879**
Option 2 ID : **75189728877**
Option 3 ID : **75189728880**
Option 4 ID : **75189728878**
Status : **Answered**
Chosen Option : **4**

Q.83 How much energy is released when water is used to break down the terminal link of ATP?

Ans ✗ 1. 37.2 kJ/mol

✗ 2. 35.6 kJ/mol

✗ 3. 31.5 kJ/mol

✔ 4. 30.5 kJ/mol

Question ID : **7518974339**
Option 1 ID : **75189717356**
Option 2 ID : **75189717355**
Option 3 ID : **75189717354**
Option 4 ID : **75189717353**
Status : **Answered**
Chosen Option : **1**

Q.84 Some statements about food chain and energy flow through an ecosystem are given below. Select the INCORRECT statement.

Ans

✗ 1. A single organism can feed at several trophic levels.

✗ 2. Food webs include two or more food chains.

✓ 3.

The lower the trophic level at which an organism feeds, the less energy it has.

✗ 4. All organisms that are not producers are consumers.

Question ID : **7518974661**
Option 1 ID : **75189718643**
Option 2 ID : **75189718642**
Option 3 ID : **75189718644**
Option 4 ID : **75189718641**
Status : **Answered**
Chosen Option : **3**

Q.85 The following table shows the marks scored by A, B, C and D in four subjects i.e., Mathematics, Hindi, English and Science. Marks given are out of 100. Study the table and answer the question.

Subject / Student	A	B	C	D
Mathematics	94	85	83	78
Hindi	86	78	74	82
English	75	73	70	74
Science	92	88	66	68

What is the ratio of 'the sum of the marks scored by A in Mathematics and Hindi' to 'the sum of the marks scored by C in Science and Hindi'?

Ans

✗ 1. 5 : 3

✗ 2. 1 : 2

✓ 3. 9 : 7

✗ 4. 8 : 9

Question ID : **7518978340**
Option 1 ID : **75189733359**
Option 2 ID : **75189733357**
Option 3 ID : **75189733360**
Option 4 ID : **75189733358**
Status : **Answered**
Chosen Option : **3**

Q.86 This question is based on the five, three-digit numbers given below.

(Left) 534 945 317 354 781 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

NOTE: All operations to be done from left to right.

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

Ans

✓ 1. 0

✗ 2. 3

✗ 3. 2

✗ 4. 1

Question ID : **7518979175**
Option 1 ID : **75189736697**
Option 2 ID : **75189736700**
Option 3 ID : **75189736699**
Option 4 ID : **75189736698**
Status : **Not Answered**
Chosen Option : **--**

Q.87 A conductor is connected to a battery of 6V. Let V_1 be the potential difference across the conductor. When a battery of 9 V is connected, the potential difference becomes V_2. (V_1/V_2) is:

Ans

✓ 1. $\dfrac{2}{3}$

✗ 2. $\dfrac{1}{3}$

✗ 3. 3

✗ 4. 1.5

Question ID : **7518976674**
Option 1 ID : **75189726695**
Option 2 ID : **75189726694**
Option 3 ID : **75189726696**
Option 4 ID : **75189726693**
Status : **Answered**
Chosen Option : **1**

Q.88 In a certain code language, 'ENTER' is written as 'UBWKH' and 'SHIFT' is written as 'WCLEV'. How will 'TOUCH' be written in that language?

Ans

✗ 1. KFXRW

✗ 2. WLXZK

✗ 3. WXLKZ

✓ 4. KZXLW

Question ID : **7518977355**
Option 1 ID : **75189729420**
Option 2 ID : **75189729419**
Option 3 ID : **75189729417**
Option 4 ID : **75189729418**
Status : **Not Answered**
Chosen Option : **--**

Q.89 Aashi, by mistake used an unknown solution to clean her clothes, in place of detergent. Her clothes faded. The solution could be:

Ans ✗ 1. common salt

✓ 2. bleaching powder

✗ 3. talcum powder

✗ 4. baking soda powder

Question ID : **7518973474**
Option 1 ID : **75189713893**
Option 2 ID : **75189713895**
Option 3 ID : **75189713896**
Option 4 ID : **75189713894**
Status : **Answered**
Chosen Option : **2**

Q.90 The first member of the alkyne group of hydrocarbons is:

Ans ✗ 1. butyne

✗ 2. propyne

✗ 3. methyne

✓ 4. ethyne

Question ID : **7518973382**
Option 1 ID : **75189713528**
Option 2 ID : **75189713527**
Option 3 ID : **75189713525**
Option 4 ID : **75189713526**
Status : **Answered**
Chosen Option : **4**

Q.91 A sum of ₹36,000 deposited at a certain rate of compound interest, compounded annually, becomes three times itself after 6 years. How much will it become after 18 years at the same rate of compound interest?

Ans ✗ 1. ₹10,72,000

✗ 2. ₹7,72,000

✓ 3. ₹9,72,000

✗ 4. ₹8,72,000

Question ID : **7518978678**
Option 1 ID : **75189734709**
Option 2 ID : **75189734712**
Option 3 ID : **75189734710**
Option 4 ID : **75189734711**
Status : **Answered**
Chosen Option : **3**

Q.92 The 'SMILE' Scheme, which is a Central Sector Scheme, an acronym of 'Support for Marginalised Individuals for Livelihood and Enterprise' was launched in February 2022 by the Union Minister for Social Justice and Empowerment, _____, in Delhi.

Ans
✗ 1. Arjun Munda

✗ 2. Amit Shah

✓ 3. Virendra Kumar

✗ 4. Smriti Zubin Irani

Question ID : **7518978835**
Option 1 ID : **75189735339**
Option 2 ID : **75189735338**
Option 3 ID : **75189735337**
Option 4 ID : **75189735340**
Status : **Answered**
Chosen Option : **4**

Q.93 The Ministry of Civil Aviation released the Draft National Air Sports Policy, 2022 with a vision to make India one of the top Air Sports nations by the year _____.

Ans
✗ 1. 2035

✗ 2. 2032

✓ 3. 2030

✗ 4. 2027

Question ID : **7518974132**
Option 1 ID : **75189716528**
Option 2 ID : **75189716527**
Option 3 ID : **75189716526**
Option 4 ID : **75189716525**
Status : **Not Answered**
Chosen Option : **--**

Q.94 In the year 2022, _____ player Mithali Raj announced her retirement.

Ans
✓ 1. cricket

✗ 2. badminton

✗ 3. hockey

✗ 4. football

Question ID : **7518976475**
Option 1 ID : **75189725899**
Option 2 ID : **75189725897**
Option 3 ID : **75189725898**
Option 4 ID : **75189725900**
Status : **Answered**
Chosen Option : **1**

Q.95 Which of the following issues is NOT a problem concerning large dams?

Ans

✗ 1. Low benefits compared to costs involved

✗ 2. Deforestation and the loss of biological diversity

✗ 3. Displacement of people

✓ 4. Storage of water for irrigation

Question ID : **7518977879**
Option 1 ID : **75189731516**
Option 2 ID : **75189731513**
Option 3 ID : **75189731514**
Option 4 ID : **75189731515**
Status : **Answered**
Chosen Option : **1**

Q.96 At which place ARTPARK, India's first AI and Robotics Technology Park was launched with a seed funding of ₹230 crore, in March 2022?

Ans

✗ 1. Mumbai

✓ 2. Bengaluru

✗ 3. Chennai

✗ 4. Lucknow

Question ID : **7518973962**
Option 1 ID : **75189715848**
Option 2 ID : **75189715845**
Option 3 ID : **75189715846**
Option 4 ID : **75189715847**
Status : **Answered**
Chosen Option : **2**

Q.97 There are 4 pipes attached to a tank. Two to fill the tank and the other two to transfer the water into a cistern. The first two pipes can fill the tank in 40 sec and 80 sec, respectively, when opened alone, while the last two can empty in 80 sec and 160 sec, respectively, when opened alone. If all the pipes are opened together, in how much time will the tank be filled?

Ans

✓ 1. 53.33 sec

✗ 2. 24.44 sec

✗ 3. 16.8 sec

✗ 4. 21.2 sec

Question ID : **7518975663**
Option 1 ID : **75189722651**
Option 2 ID : **75189722650**
Option 3 ID : **75189722652**
Option 4 ID : **75189722649**
Status : **Not Answered**
Chosen Option : **--**

Q.98 The sides of a triangle are 15 cm, 28 cm, and 41 cm. What is the length of its altitude corresponding to the side with a length of 28 cm?

Ans
✗ 1. 10 cm

✗ 2. 14 cm

✗ 3. 12 cm

✔ 4. 9 cm

Question ID : **7518978461**
Option 1 ID : **75189733842**
Option 2 ID : **75189733844**
Option 3 ID : **75189733843**
Option 4 ID : **75189733841**
Status : **Answered**
Chosen Option : **4**

Q.99 Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All envelopes are letters.
2. No letter is a paper.
3. Some papers are notebook.

Conclusions:

I. Some papers are envelopes.
II. All notebooks can never be letters.
III. Some notebooks are envelopes.

Ans
✗ 1. Only conclusion I follows

✗ 2. Only conclusion III follows

✗ 3. None of the conclusions follow

✔ 4. Only conclusion II follows

Question ID : **7518977912**
Option 1 ID : **75189731645**
Option 2 ID : **75189731647**
Option 3 ID : **75189731648**
Option 4 ID : **75189731646**
Status : **Answered**
Chosen Option : **1**

Q.100 Which of the following numbers will replace the question mark (?) in the given series?

4, 21, 47, 100, 198, ?

Ans
✗ 1. 355

✔ 2. 359

✗ 3. 399

✗ 4. 395

Question ID : **7518977385**
Option 1 ID : **75189729539**
Option 2 ID : **75189729538**
Option 3 ID : **75189729540**
Option 4 ID : **75189729537**
Status : **Not Answered**
Chosen Option : **--**