



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	TCS Gito Bitan
Test Date	19/09/2022
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 Which of the following is produced when baking powder is heated?

Ans ☒ 1. Carbon dioxide and sodium carbonate is produced.

☒ 2.

Carbon dioxide and sodium salt of tartaric acid is produced.

☒ 3.

Carbon monoxide and sodium salt of tartaric acid is produced.

☒ 4. Carbon monoxide and sodium carbonate is produced.

Question ID : 75189711905

Option 1 ID : 75189747618

Option 2 ID : 75189747619

Option 3 ID : 75189747617

Option 4 ID : 75189747620

Status : Answered

Chosen Option : 2



Q.2 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /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)

(7, 127, 6)

(8, 129, 5)

Ans ✗ 1. (9, 168, 3)

✓ 2. (10, 156, 4)

✗ 3. (11, 144, 9)

✗ 4. (13, 131, 5)

Question ID : **75189711406**

Option 1 ID : **75189745621**

Option 2 ID : **75189745623**

Option 3 ID : **75189745622**

Option 4 ID : **75189745624**

Status : **Not Answered**

Chosen Option : --

Q.3 The most essential difference between a DC and an AC generator is _____.

Ans ✗ 1. Higher Voltages are generated by AC generator Only

✗ 2. Higher voltages are generated by DC generator only

✓ 3.

DC generator has permanent magnet and AC has an electromagnet

✗ 4.

DC generator uses a commutator and AC generator uses Slip rings

Question ID : **75189712232**

Option 1 ID : **75189748926**

Option 2 ID : **75189748925**

Option 3 ID : **75189748928**

Option 4 ID : **75189748927**

Status : **Answered**

Chosen Option : 4

Q.4 Suppose in a circuit, several electric lamps are required to be used on a 220 V electric supply line, and they are rated as 20 W. If the maximum allowable current is 10 A, then the number of lamps that can be connected in parallel with each other across the two wires of the 220 V line is:

- Ans**
- ☒ 1. 220
 - ☒ 2. 110
 - ☒ 3. 55
 - ☒ 4. 165

Question ID : **75189711337**

Option 1 ID : **75189745348**

Option 2 ID : **75189745346**

Option 3 ID : **75189745345**

Option 4 ID : **75189745347**

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.5 Sony and Mary can complete a painting in 4 days and 6 days, respectively. They work on same painting on alternate days starting with Mary. In how many days will they together complete the painting?

- Ans**
- ☒ 1. 4.5
 - ☒ 2. 4.75
 - ☒ 3. 5
 - ☒ 4. 5.25

Question ID : **75189712047**

Option 1 ID : **75189748185**

Option 2 ID : **75189748188**

Option 3 ID : **75189748186**

Option 4 ID : **75189748187**

Status : **Answered**

Chosen Option : 3

Q.6 In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

ON : NPMO

IN : HJMO

- Ans**
- ☒ 1. DO : ACMN
 - ☒ 2. AT : CDUV
 - ☒ 3. GO : ARED
 - ☒ 4. TO : SUNP

Question ID : **75189711598**

Option 1 ID : **75189746392**

Option 2 ID : **75189746391**

Option 3 ID : **75189746389**

Option 4 ID : **75189746390**

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.7 If $m = -9$ and $n = 13$, find the value of $25m^2 + 40mn + 16n^2$.

- Ans
- ☒ 1. 64
 - ☒ 2. 49
 - ☒ 3. 81
 - ☒ 4. 100

Question ID : 75189711400

Option 1 ID : 75189745598

Option 2 ID : 75189745597

Option 3 ID : 75189745599

Option 4 ID : 75189745600

Status : Answered

Chosen Option : 2

Q.8 Mohan drives 6 km towards the south and takes a turn to the right at 90° . After driving a distance of 3 km, he turns to the right and drives further 3 km. Now, in which direction is he from the starting place? (All turns are 90 degree turns only)

- Ans
- ☒ 1. South-East
 - ☒ 2. South
 - ☒ 3. South-West
 - ☒ 4. North

Question ID : 75189711577

Option 1 ID : 75189746307

Option 2 ID : 75189746306

Option 3 ID : 75189746308

Option 4 ID : 75189746305

Status : Answered

Chosen Option : 3

Q.9 Which of the options given below correctly describes the nature of the roots of the quadratic equation $x^2 + 4\sqrt{3}x + 3 = 0$?

- Ans
- ☒ 1. irrational and equal
 - ☒ 2. irrational and unequal
 - ☒ 3. rational and equal
 - ☒ 4. rational and unequal

Question ID : 75189711974

Option 1 ID : 75189747893

Option 2 ID : 75189747896

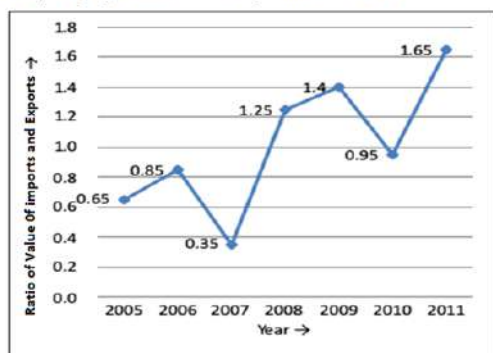
Option 3 ID : 75189747894

Option 4 ID : 75189747895

Status : Answered

Chosen Option : 4

Q.10 The following graph shows the ratio of the imports and exports of an industry during the period from 2005 to 2011. Study the graph and answer the question that follows.



If the imports of the company in 2009 were 420 crore, then how much were the exports?

- Ans
- ☒ 1. 400 crore
 - ☒ 2. 300 crore
 - ☒ 3. 250 crore
 - ☒ 4. 350 crore

Question ID : 75189711649

Option 1 ID : 75189746596

Option 2 ID : 75189746594

Option 3 ID : 75189746593

Option 4 ID : 75189746595

Status : Answered

Chosen Option : 2

Q.11 Consider two circuits, A and B, each of which has six resistors and each circuit of resistance R_A and R_B respectively. In each circuit, the resistors are in such a way that the net resistance of each circuit is the minimum. Now a 20 V battery with negligible internal resistance is connected across each circuit separately, and the current drawn by circuit A and circuit B are 6 A and 8 A, respectively. Then R_A and R_B will be:

- Ans
- ☒ 1. $R_A = 15 \Omega$ and $R_B = 20 \Omega$
 - ☒ 2. $R_A = 20 \Omega$ and $R_B = 15 \Omega$
 - ☒ 3. $R_A = 30 \Omega$ and $R_B = 15 \Omega$
 - ☒ 4. $R_A = 15 \Omega$ and $R_B = 30 \Omega$

Question ID : 75189711338

Option 1 ID : 75189745349

Option 2 ID : 75189745350

Option 3 ID : 75189745351

Option 4 ID : 75189745352

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.12 Three statements are given, followed by two conclusions numbered I and II. 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:

All jugs are cans.

All cans are engines.

Some jugs are stoves.

Conclusions:

I. Some engines are stoves.

II. Some cans are jugs.

- Ans**
- ☒ 1. Only conclusion II follows.
 - ☒ 2. Both conclusions I and II follow.
 - ☒ 3. Only conclusion I follows.
 - ☒ 4. Neither conclusion I nor II follows.

Question ID : **75189711466**

Option 1 ID : **75189745862**

Option 2 ID : **75189745864**

Option 3 ID : **75189745861**

Option 4 ID : **75189745863**

Status : **Answered**

Chosen Option : **2**

Q.13 Which of the following functions does NOT fall under the jurisdiction of local bodies?

- Ans**
- ☒ 1. Registration of Births and Deaths
 - ☒ 2. Law and Order
 - ☒ 3. Sanitation
 - ☒ 4. Public Health

Question ID : **75189712172**

Option 1 ID : **75189748687**

Option 2 ID : **75189748688**

Option 3 ID : **75189748686**

Option 4 ID : **75189748685**

Status : **Answered**

Chosen Option : **3**

Q.14 In which state is the 'Solung' festival celebrated?

- Ans**
- ☒ 1. Arunachal Pradesh
 - ☐ 2. Madhya Pradesh
 - ☐ 3. Uttar Pradesh
 - ☐ 4. Himachal Pradesh

Question ID : **75189710538**

Option 1 ID : **75189742149**

Option 2 ID : **75189742151**

Option 3 ID : **75189742150**

Option 4 ID : **75189742152**

Status : **Answered**

Chosen Option : **1**

Q.15 Seven friends, Chandan, Aman, Falak, Manoj, Mahima, Bony and Fatima, are standing in a line facing east but not necessarily in the same order. Chandan is to the immediate right of Fatima. Fatima is fourth to the right of Falak. Manoj is an immediate neighbour of both Aman and Bony. Falak, who is third to the left of Aman, is standing at one of the extreme end.

What is the correct position of Mahima?

- Ans**
- ☐ 1. To the immediate left of Bony
 - ☐ 2. Immediate neighbour of Bony and Fatima
 - ☐ 3. To the immediate left of Chandan
 - ☒ 4. Fourth to the right of Manoj

Question ID : **75189711434**

Option 1 ID : **75189745734**

Option 2 ID : **75189745735**

Option 3 ID : **75189745733**

Option 4 ID : **75189745736**

Status : **Answered**

Chosen Option : **4**

Q.16

The number $0.\overline{335}$ can be represented in the form of $\frac{P}{Q}$ (where P and Q are natural numbers) as:

Ans

☒ 1. $\frac{332}{895}$

☒ 2. $\frac{332}{990}$

☒ 3. $\frac{332}{995}$

☒ 4. $\frac{332}{980}$

Question ID : 75189711718

Option 1 ID : 75189746870

Option 2 ID : 75189746871

Option 3 ID : 75189746869

Option 4 ID : 75189746872

Status : Answered

Chosen Option : 2

Q.17

Precipitation reactions occur when cation of one reactant and anion of second reactant, found in an aqueous solution, combine to form _____.

Ans

☒ 1. an insoluble ionic solid

☒ 2. a soluble ionic solid

☒ 3. an insoluble acid

☒ 4. a soluble acid

Question ID : 75189711878

Option 1 ID : 75189747512

Option 2 ID : 75189747510

Option 3 ID : 75189747511

Option 4 ID : 75189747509

Status : Answered

Chosen Option : 2

Q.18

A shopkeeper allows 18% discount on the marked price of an article and still makes a profit of 23%. If he gains ₹1,840 on the sale of the article, then what is the marked price of the article?

Ans

☒ 1. ₹15,000

☒ 2. ₹9,840

☒ 3. ₹12,000

☒ 4. ₹10,000

Question ID : 75189712040

Option 1 ID : 75189748159

Option 2 ID : 75189748160

Option 3 ID : 75189748157

Option 4 ID : 75189748158

Status : Answered

Chosen Option : 2

Q.19 Which sportsperson among the following was honoured with the Padma Bhushan in 2022?

- Ans
- ☒ 1. Pramod Bhagat
 - ☒ 2. Devendra Jhajharia
 - ☒ 3. Avani Lekhara
 - ☒ 4. Sumit Antil

Question ID : 7518974124
Option 1 ID : 75189716495
Option 2 ID : 75189716496
Option 3 ID : 75189716493
Option 4 ID : 75189716494

Status : Answered

Chosen Option : 3

Q.20 Johnny borrows ₹7,000 from a bank at simple interest. After 3 years he pays ₹4,000 to the bank, this amount being entirely adjusted as repayment of part of the principal borrowed. At the end of 5 years from the date of borrowing he pays ₹4,350 to the bank to settle the account. Find the rate of interest.

- Ans
- ☒ 1. 7%
 - ☒ 2. 4%
 - ☒ 3. 6%
 - ☒ 4. 5%

Question ID : 75189711748
Option 1 ID : 75189746992
Option 2 ID : 75189746989
Option 3 ID : 75189746991
Option 4 ID : 75189746990

Status : Answered

Chosen Option : 4

Q.21 The HIV-AIDS virus CANNOT be transmitted by:

- Ans
- ☒ 1. breast feeding
 - ☒ 2. blood transfusion
 - ☒ 3. sexual contact
 - ☒ 4. shaking hand

Question ID : 75189710228
Option 1 ID : 75189740912
Option 2 ID : 75189740910
Option 3 ID : 75189740911
Option 4 ID : 75189740909

Status : Answered

Chosen Option : 4

Q.22 Which of the following gases are evolved at the anode and the cathode, respectively, during electrolytic decomposition of aqueous sodium chloride?

- Ans**
- ☒ 1. H_2 gas at the anode and Cl_2 gas at the cathode.
 - ☒ 2. H_2 gas at the anode and O_2 gas at the cathode.
 - ☒ 3. O_2 gas at the anode and H_2 gas at the cathode.
 - ☒ 4. Cl_2 gas at the anode and H_2 gas at the cathode.

Question ID : **75189711900**

Option 1 ID : **75189747597**

Option 2 ID : **75189747599**

Option 3 ID : **75189747600**

Option 4 ID : **75189747598**

Status : **Marked For Review**

Chosen Option : **1**

Q.23 Whom did PV Sindhu beat to win the women's singles title at the Swiss Open Super 300 Badminton Tournament in Basel on 27 March 2022?

- Ans**
- ☒ 1. **Busanan Ongbamrungphan**
 - ☒ 2. Michelli Li
 - ☒ 3. Chen Yu Fei
 - ☒ 4. Kristy Gilmour

Question ID : **7518979348**

Option 1 ID : **75189737390**

Option 2 ID : **75189737392**

Option 3 ID : **75189737389**

Option 4 ID : **75189737391**

Status : **Answered**

Chosen Option : **3**

Q.24 When an object is placed at a point 21 cm in front of a convex mirror, the image is formed at 7 cm behind the mirror. Now, someone moves the object to a distance of 14 cm in front of the mirror. The distance of the image from the mirror (in cm) now is:

- Ans**
- ☒ 1. **+6**
 - ☒ 2. +3
 - ☒ 3. -6
 - ☒ 4. -3

Question ID : **75189712175**

Option 1 ID : **75189748697**

Option 2 ID : **75189748700**

Option 3 ID : **75189748698**

Option 4 ID : **75189748699**

Status : **Answered**

Chosen Option : **1**

Q.25 _____ is the leading manganese ore producing State of India and accounted for 33% of the total production in 2018-19.

- Ans**
- ☒ 1. Karnataka
 - ☒ 2. Madhya Pradesh
 - ☒ 3. Maharashtra
 - ☒ 4. Odisha

Question ID : **75189712154**

Option 1 ID : **75189748615**

Option 2 ID : **75189748616**

Option 3 ID : **75189748614**

Option 4 ID : **75189748613**

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.26 Which of the following organelles are present only in plants?

- Ans**
- ☒ 1. Vacuoles
 - ☒ 2. Plastids
 - ☒ 3. Mitochondria
 - ☒ 4. Lysosomes

Question ID : **7518977784**

Option 1 ID : **75189731135**

Option 2 ID : **75189731134**

Option 3 ID : **75189731133**

Option 4 ID : **75189731136**

Status : **Answered**

Chosen Option : 2

Q.27 $6\text{CO}_2(\text{aq}) + 12\text{H}_2\text{O}(\text{l}) \xrightarrow{\quad ? \quad} \text{C}_6\text{H}_{12}\text{O}_6(\text{aq}) + 6\text{O}_2(\text{aq}) + 6\text{H}_2\text{O}(\text{l})$ Select correct reaction conditions for given reaction.

- Ans**
- ☒ 1. High temperature
 - ☒ 2. High pressure
 - ☒ 3. Sunlight and chlorophyll
 - ☒ 4. Inert atmosphere

Question ID : **7518979612**

Option 1 ID : **75189738447**

Option 2 ID : **75189738446**

Option 3 ID : **75189738445**

Option 4 ID : **75189738448**

Status : **Answered**

Chosen Option : 3

Q.28 In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/ Symbol	6	8	4	+	5	#	%	2	\$	1	^	7	9	*	@
Code	S	U	T	W	N	P	V	D	A	Z	J	M	O	M	Y

Conditions:

- (i) If the first and last elements are numbers, then the last element will be replaced by the symbol @.
 (ii) If the first element is a symbol, then the first element will be coded as ©.
 (iii) If both the first and second elements are numbers, then the third element will be coded as %.

What will be the code for the following?

6 % \$ 8 5

- Ans**
- ☒ 1. ©UAV@
 - ☒ 2. SVAU©
 - ☒ 3. SUAV©
 - ☒ 4. SVAU@

Question ID : **75189711568**

Option 1 ID : **75189746271**

Option 2 ID : **75189746269**

Option 3 ID : **75189746272**

Option 4 ID : **75189746270**

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.29 The given statements are followed by two conclusions. Find out which conclusion is true based on the given statements.

Statements:

$J > K = L, M \geq N < K, O < J < P, N > Q > R$

Conclusions:

I. $P > M$

II. $N < P$

- Ans**
- ☒ 1. Only conclusion I is true
 - ☒ 2. Neither conclusion I nor II is true
 - ☒ 3. Only conclusion II is true
 - ☒ 4. Both conclusions I and II are true

Question ID : **75189711500**

Option 1 ID : **75189745997**

Option 2 ID : **75189745999**

Option 3 ID : **75189745998**

Option 4 ID : **75189746000**

Status : **Marked For Review**

Chosen Option : **3**

Q.30 In the Modern Periodic Table, atomic size increases down the group because:

- Ans
- ☒ 1. number of shells increases
 - ☐ 2. tendency to lose electrons decreases
 - ☐ 3. nuclear charge increases
 - ☐ 4. valency increases

Question ID : 7518979692
Option 1 ID : 75189738765
Option 2 ID : 75189738767
Option 3 ID : 75189738768
Option 4 ID : 75189738766

Status : Answered

Chosen Option : 1

Q.31 In Economics, which of the following curves is 'inverse U-shaped'?

- Ans
- ☐ 1. Long run average cost curve
 - ☐ 2. Average variable cost curve
 - ☒ 3. Marginal product curve
 - ☐ 4. Short run marginal cost curve

Question ID : 7518978557
Option 1 ID : 75189734227
Option 2 ID : 75189734225
Option 3 ID : 75189734228
Option 4 ID : 75189734226

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.32 What is the unit of magnification?

- Ans
- ☐ 1. cm
 - ☐ 2. Newton
 - ☐ 3. Diopetre
 - ☒ 4. It has no unit

Question ID : 7518979496
Option 1 ID : 75189737982
Option 2 ID : 75189737983
Option 3 ID : 75189737981
Option 4 ID : 75189737984

Status : Answered

Chosen Option : 4

Q.33 A statement is given followed by two conclusions numbered I and II. You have to assume everything in the statement to be true and decide which of the conclusions logically follow(s) beyond a reasonable doubt from the information given in the statement.

Statement:

It is reported that heavy and erratic rainfall has destroyed many agricultural crops and farmers are in debt.

Conclusions:

- I. Farmers need not repay the debt.
- II. Prices of groceries and other essential food items such as lentils and grains will surge.

- Ans**
- ☒ 1. Neither conclusion I nor II follows
 - ☒ 2. Both conclusions I and II follow
 - ☒ 3. Only conclusion I follows
 - ☒ 4. Only conclusion II follows

Question ID : 75189711704

Option 1 ID : 75189746815

Option 2 ID : 75189746816

Option 3 ID : 75189746813

Option 4 ID : 75189746814

Status : Answered

Chosen Option : 4

Q.34 The expression $(3.7)^3 - 3 \times (3.7)^2 \times (0.7) + 3(3.7) \times (0.7)^2 - (0.7)^3$ is equal to:

- Ans**
- ☒ 1. 30
 - ☒ 2. 27
 - ☒ 3. 35
 - ☒ 4. 10

Question ID : 75189711717

Option 1 ID : 75189746865

Option 2 ID : 75189746868

Option 3 ID : 75189746867

Option 4 ID : 75189746866

Status : Answered

Chosen Option : 2

Q.35 Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

K P _ L Z _ P _ M Z K _ B _ Z _ P B _ Z

- Ans
- ☒ 1. B K B P N P O
 - ☒ 2. B K B P N K O
 - ☒ 3. B K B P N K P
 - ☒ 4. B K P P O K P

Question ID : 75189710827

Option 1 ID : 75189743305

Option 2 ID : 75189743308

Option 3 ID : 75189743306

Option 4 ID : 75189743307

Status : Answered

Chosen Option : 2

Q.36 If $x \neq y, z > 0$, and $(x + z)^2 : (y + z)^2 :: x : y$, then find a , where $a > 0$, such that $x : a :: a : y$.

- Ans
- ☒ 1. $x^2 y^2$
 - ☒ 2. Z
 - ☒ 3. $-Z$
 - ☒ 4. $x - y$

Question ID : 75189711739

Option 1 ID : 75189746953

Option 2 ID : 75189746956

Option 3 ID : 75189746955

Option 4 ID : 75189746954

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.37 The position of how many letters will remain unchanged if each of the letters in the word GERMANY is arranged in alphabetical order?

- Ans
- ☒ 1. 3
 - ☒ 2. 4
 - ☒ 3. 5
 - ☒ 4. 2

Question ID : 75189711022

Option 1 ID : 75189744088

Option 2 ID : 75189744086

Option 3 ID : 75189744087

Option 4 ID : 75189744085

Status : Answered

Chosen Option : 1

Q.38 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and also '×' and '÷' are interchanged?

$$160 \times 8 + 12 - 6 \div 180 \times 6 - 4 = ?$$

- Ans**
- ✓ 1. 192
 - ✗ 2. 202
 - ✗ 3. 182
 - ✗ 4. 172

Question ID : **75189711645**

Option 1 ID : **75189746579**

Option 2 ID : **75189746580**

Option 3 ID : **75189746578**

Option 4 ID : **75189746577**

Status : **Answered**

Chosen Option : 1

Q.39 Which social reformer founded the Satyashodhak Samaj?

- Ans**
- ✗ 1. Keshab Chandra Sen
 - ✗ 2. Dayananad Saraswati
 - ✓ 3. Jyotirao Phule
 - ✗ 4. Narayan Guru

Question ID : **75189712124**

Option 1 ID : **75189748495**

Option 2 ID : **75189748494**

Option 3 ID : **75189748496**

Option 4 ID : **75189748493**

Status : **Answered**

Chosen Option : 3

Q.40 Which of the following numbers will replace the question mark (?) in the given series?

100, 90, 81, 73, 66, 60, 55, ?

- Ans**
- ✗ 1. 53
 - ✗ 2. 50
 - ✗ 3. 52
 - ✓ 4. 51

Question ID : **75189711602**

Option 1 ID : **75189746408**

Option 2 ID : **75189746405**

Option 3 ID : **75189746407**

Option 4 ID : **75189746406**

Status : **Answered**

Chosen Option : 4

Q.41 The ratio of the present ages of A to B is 7 : 3. The ratio of A's age 4 years ago to B's age 4 years hence is 2 : 1. The difference between A's age 4 years hence and B's age 4 years ago is:

- Ans**
- ☐ 1. 88 years
 - ☒ 2. 56 years
 - ☐ 3. 46 years
 - ☐ 4. 36 years

Question ID : 7518979298

Option 1 ID : 75189737191

Option 2 ID : 75189737190

Option 3 ID : 75189737189

Option 4 ID : 75189737192

Status : Answered

Chosen Option : 2

Q.42 Article 123 of the Constitution of India gives the power of enacting Ordinances to who among the following?

- Ans**
- ☒ 1. President
 - ☐ 2. Speaker of the Lok Sabha
 - ☐ 3. Prime Minister
 - ☐ 4. Vice-President

Question ID : 75189712164

Option 1 ID : 75189748653

Option 2 ID : 75189748656

Option 3 ID : 75189748654

Option 4 ID : 75189748655

Status : Answered

Chosen Option : 1

Q.43 What happens when aqueous silver nitrate is added to sodium chloride solution?

- Ans**
- ☐ 1. Brown precipitate of silver chloride is produced.
 - ☒ 2. White precipitate of silver chloride is produced.
 - ☐ 3. No precipitate of silver chloride is produced.
 - ☐ 4. Yellow precipitate of silver chloride is produced.

Question ID : 75189711879

Option 1 ID : 75189747513

Option 2 ID : 75189747515

Option 3 ID : 75189747516

Option 4 ID : 75189747514

Status : Answered

Chosen Option : 2

Q.44 _____ was launched in January 2021 to conceptualise innovative toys based on the Indian value system which will inculcate the positive behaviour and good value among the children.

- Ans**
- ☒ 1. Great Indian Alexa Hackathon
 - ☒ 2. Toycathon
 - ☒ 3. Code Gladiators
 - ☒ 4. Smart India Hackathon

Question ID : **7518974146**
Option 1 ID : **75189716584**
Option 2 ID : **75189716583**
Option 3 ID : **75189716582**
Option 4 ID : **75189716581**

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.45 Saturated carbon compounds are normally:

- Ans**
- ☒ 1. having electrostatic force of attraction
 - ☒ 2. less reactive than unsaturated compounds
 - ☒ 3. having a double bond between carbon atoms
 - ☒ 4. less stable than unsaturated compounds

Question ID : **7518979595**
Option 1 ID : **75189738379**
Option 2 ID : **75189738378**
Option 3 ID : **75189738380**
Option 4 ID : **75189738377**

Status : **Answered**

Chosen Option : 3

Q.46 Of the options listed below, _____ is considered the most important contribution of the British rule in India in terms of infrastructural development.

- Ans**
- ☒ 1. airways
 - ☒ 2. railways
 - ☒ 3. highways
 - ☒ 4. ports

Question ID : **7518978560**
Option 1 ID : **75189734239**
Option 2 ID : **75189734237**
Option 3 ID : **75189734240**
Option 4 ID : **75189734238**

Status : **Answered**

Chosen Option : 4

Q.47 What is the term used for pricing strategy in which a firm charges different customers different prices for the same product?

- Ans**
- ✓ 1. Price discrimination
 - ✗ 2. Two Part Pricing
 - ✗ 3. Price elasticity
 - ✗ 4. Price mechanism

Question ID : **75189710567**

Option 1 ID : **75189742267**

Option 2 ID : **75189742265**

Option 3 ID : **75189742268**

Option 4 ID : **75189742266**

Status : **Answered**

Chosen Option : 1

Q.48 The total cost price of 100 apples is ₹700. They are sold at a rate of ₹96 per dozen. The profit percentage is _____.

- Ans**
- ✓ 1. $14\frac{2}{7}\%$
 - ✗ 2. $8\frac{2}{3}\%$
 - ✗ 3. $13\frac{1}{7}\%$
 - ✗ 4. $24\frac{1}{7}\%$

Question ID : **75189711956**

Option 1 ID : **75189747822**

Option 2 ID : **75189747821**

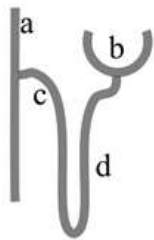
Option 3 ID : **75189747823**

Option 4 ID : **75189747824**

Status : **Answered**

Chosen Option : 1

Q.49 The following figure shows a human nephron. Which part is the collecting duct?



- Ans**
- ✓ 1. Region a
 - ✗ 2. Region d
 - ✗ 3. Region c
 - ✗ 4. Region b

Question ID : **75189710106**

Option 1 ID : **75189740421**

Option 2 ID : **75189740424**

Option 3 ID : **75189740423**

Option 4 ID : **75189740422**

Status : **Answered**

Chosen Option : 1

Q.50 The volume (in cm^3) of a right circular cone, whose slant height is 28 cm and radius of base is 21 cm, is _____. (Take

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

- Ans**
- ✗ 1. 30808
 - ✗ 2. $1617\sqrt{7}$
 - ✓ 3. $3234\sqrt{7}$
 - ✗ 4. 38808

Question ID : **75189711984**

Option 1 ID : **75189747936**

Option 2 ID : **75189747935**

Option 3 ID : **75189747934**

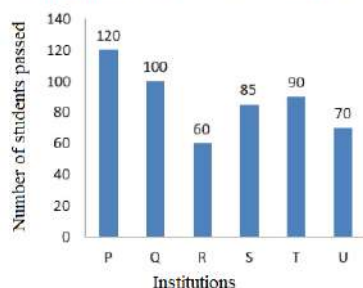
Option 4 ID : **75189747933**

Status : **Answered**

Chosen Option : 3

Q.51 Study the graph and answer the question that follows.

The following bar graph shows the number of students passed in class XII board exam from six different institutions.



Students passed from institutions U, T, P and Q together is how much more than that of institutes S and R together?

- Ans**
- ✓ 1. 235
 - ✗ 2. 234
 - ✗ 3. 265
 - ✗ 4. 225

Question ID : 75189711654

Option 1 ID : 75189746614

Option 2 ID : 75189746613

Option 3 ID : 75189746615

Option 4 ID : 75189746616

Status : Answered

Chosen Option : 1

Q.52 Many groups like the 'Narmada Bachao Andolan' oppose building of big dams. What is the negative social impact of a big dam that such groups oppose?

- Ans**
- ✗ 1. It causes flash floods in the downstream area.
 - ✗ 2. It leads to conflicts between people of different States.
 - ✗ 3. People have to wait for many years (decades) to get benefits.
 - ✓ 4. It displaces people in the upstream reservoir area.

Question ID : 75189710142

Option 1 ID : 75189740566

Option 2 ID : 75189740568

Option 3 ID : 75189740565

Option 4 ID : 75189740567

Status : Not Answered

Chosen Option : --

Q.53 The term 'triads' was used by:

- Ans ☒ 1. Johann Wolfgang Döbereiner
- ☐ 2. Henry Moseley
- ☐ 3. John Newlands
- ☐ 4. Mendeleev

Question ID : 7518979672
Option 1 ID : 75189738686
Option 2 ID : 75189738688
Option 3 ID : 75189738687
Option 4 ID : 75189738685

Status : Answered

Chosen Option : 1

Q.54 Which of the following develops into a seedling under appropriate conditions?

- Ans ☒ 1. Embryo
- ☐ 2. Endosperm
- ☐ 3. Seed coat
- ☐ 4. Cotyledons

Question ID : 75189710253
Option 1 ID : 75189741012
Option 2 ID : 75189741010
Option 3 ID : 75189741011
Option 4 ID : 75189741009

Status : Answered

Chosen Option : 2

Q.55 Raju's age after 30 years will be 2 times his age 4 years ago. The present age of Raju is:

- Ans ☐ 1. 36 years
- ☐ 2. 40 years
- ☒ 3. 38 years
- ☐ 4. 42 years

Question ID : 75189711207
Option 1 ID : 75189744828
Option 2 ID : 75189744826
Option 3 ID : 75189744827
Option 4 ID : 75189744825

Status : Answered

Chosen Option : 3

Q.56 Which of the following rivers is NOT a tributary of the Yamuna?

- Ans
- ☒ 1. Ken
 - ☒ 2. Gandak
 - ☒ 3. Betwa
 - ☒ 4. Chambal

Question ID : 75189712155

Option 1 ID : 75189748620

Option 2 ID : 75189748618

Option 3 ID : 75189748619

Option 4 ID : 75189748617

Status : Answered

Chosen Option : 2

Q.57 Each of the six security guards, L, M, N, O, P and Q, have their night shift duties on six different days of a week, starting from Monday and ending on Saturday of the same week, but not necessarily in the same order. L's nightshift duties are on the day immediately after N. O's nightshift duties are on the day immediately before P but it is not on Monday. M's nightshift duty is on Saturday. Q's nightshift duty is on Wednesday.

Who among the following has nightshift duties on Tuesday?

- Ans
- ☒ 1. L
 - ☒ 2. N
 - ☒ 3. O
 - ☒ 4. P

Question ID : 75189711447

Option 1 ID : 75189745787

Option 2 ID : 75189745786

Option 3 ID : 75189745785

Option 4 ID : 75189745788

Status : Answered

Chosen Option : 1

Q.58 Select the option that is related to the seventh number in the same way as the second number is related to the first number, the fourth number is related to the third number and the sixth number is related to the fifth number.

6: 36 :: 13 : 169 :: 17 : 289 :: 23 : ?

- Ans
- ☒ 1. 529
 - ☒ 2. 578
 - ☒ 3. 521
 - ☒ 4. 533

Question ID : 75189711074

Option 1 ID : 75189744296

Option 2 ID : 75189744293

Option 3 ID : 75189744295

Option 4 ID : 75189744294

Status : Answered

Chosen Option : 1

Q.59 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5613742678, what will be the sum of the digits which are third from the left and second from the right, in the number thus formed?

- Ans
- ☒ 1. 9
 - ☒ 2. 10
 - ☒ 3. 8
 - ☒ 4. 11

Question ID : **75189711633**
Option 1 ID : **75189746530**
Option 2 ID : **75189746531**
Option 3 ID : **75189746529**
Option 4 ID : **75189746532**
Status : **Not Answered**
Chosen Option : --

Q.60 Five years ago the sum of the ages of A and B was 58 years. The difference between B's age 8 years ago and A's age 8 years hence is 16 years. The ratio of the present ages of A and B is:

- Ans
- ☒ 1. 5 : 13
 - ☒ 2. 9 : 25
 - ☒ 3. 36 : 52
 - ☒ 4. 25 : 9

Question ID : **75189711790**
Option 1 ID : **75189747160**
Option 2 ID : **75189747157**
Option 3 ID : **75189747159**
Option 4 ID : **75189747158**
Status : **Not Attempted and Marked For Review**
Chosen Option : --

Q.61 If '+' means '-', '-' means '×', '×' means '÷', '÷' means '+', what will come in place of the question mark (?) in the following equation?
 $38 \div 10 \times 5 - 7 + 10 \times 2 = ?$

- Ans
- ☒ 1. 50
 - ☒ 2. 45
 - ☒ 3. 47
 - ☒ 4. 48

Question ID : **75189711640**
Option 1 ID : **75189746560**
Option 2 ID : **75189746558**
Option 3 ID : **75189746557**
Option 4 ID : **75189746559**
Status : **Answered**
Chosen Option : **3**

Q.62 For a certain number of observations the median is 55 and the mean is 58. Find the mode.

- Ans ☒ 1. 49
☒ 2. 52
☒ 3. 51
☒ 4. 50

Question ID : 75189711771

Option 1 ID : 75189747082

Option 2 ID : 75189747084

Option 3 ID : 75189747083

Option 4 ID : 75189747081

Status : Answered

Chosen Option : 1

Q.63 In which North Eastern City will you find The Christ Church which is regarded as the oldest Church of North East India?

- Ans ☒ 1. Aizawl
☒ 2. Itanagar
☒ 3. Kohima
☒ 4. Guwahati

Question ID : 75189712142

Option 1 ID : 75189748565

Option 2 ID : 75189748568

Option 3 ID : 75189748567

Option 4 ID : 75189748566

Status : Not Answered

Chosen Option : --

Q.64 The measures of three angles of a quadrilateral are given as 110° , 55° and 125° . The measure of its fourth angle is _____.

- Ans ☒ 1. 60°
☒ 2. 90°
☒ 3. 70°
☒ 4. 110°

Question ID : 75189711993

Option 1 ID : 75189747970

Option 2 ID : 75189747971

Option 3 ID : 75189747972

Option 4 ID : 75189747969

Status : Answered

Chosen Option : 3

Q.65 Which of the following dams was constructed on river Ganga?

- Ans
- ☐ 1. Koyna dam
 - ☐ 2. Rihand dam
 - ☐ 3. Chamera dam
 - ☒ 4. Tehri dam

Question ID : 75189710300

Option 1 ID : 75189741199

Option 2 ID : 75189741198

Option 3 ID : 75189741200

Option 4 ID : 75189741197

Status : Marked For Review

Chosen Option : 1

Q.66 Five students are sitting in a straight row facing the north. A and B are sitting at the extreme left and the extreme right end of the row, respectively. D is an immediate neighbour of B. C is an immediate neighbour of D and second to the right of A. E is an immediate neighbour of A. Who among the following is sitting in the third position from the extreme right end?

- Ans
- ☐ 1. D
 - ☐ 2. E
 - ☐ 3. B
 - ☒ 4. C

Question ID : 75189710975

Option 1 ID : 75189743899

Option 2 ID : 75189743897

Option 3 ID : 75189743900

Option 4 ID : 75189743898

Status : Answered

Chosen Option : 3

Q.67 Two trains start at the same time from A and B and proceed towards each other at speeds of 85 km per hour and 105 km per hour, respectively. When they meet, it is found that train from B has travelled 200 km more than the train from A. The distance between A and B is:

- Ans
- ☐ 1. 1950 km
 - ☐ 2. 2000 km
 - ☐ 3. 1800 km
 - ☒ 4. 1900 km

Question ID : 75189711760

Option 1 ID : 75189747037

Option 2 ID : 75189747040

Option 3 ID : 75189747038

Option 4 ID : 75189747039

Status : Answered

Chosen Option : 2

Q.68 Name the process through which gaseous exchange takes place across the cell membrane.

- Ans**
- ☐ 1. Endocytosis
 - ☐ 2. Osmosis
 - ☐ 3. Absorption
 - ☒ 4. Diffusion

Question ID : **7518977788**

Option 1 ID : **75189731151**

Option 2 ID : **75189731150**

Option 3 ID : **75189731152**

Option 4 ID : **75189731149**

Status : **Answered**

Chosen Option : **2**

Q.69 The sky appears blue due to:

- Ans**
- ☒ 1. scattering of light of lower wave length
 - ☐ 2. dispersion of light of higher wave length
 - ☐ 3. scattering of light of higher wave length
 - ☐ 4. dispersion of light of lower wave length

Question ID : **7518979533**

Option 1 ID : **75189738130**

Option 2 ID : **75189738131**

Option 3 ID : **75189738129**

Option 4 ID : **75189738132**

Status : **Answered**

Chosen Option : **3**

Q.70 Three statements are given, followed by four conclusions numbered I, II, III and IV. 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:

Some pouches are combs.

All combs are reds.

All reds are sticks.

Conclusions:

I. All pouches are sticks.

II. All combs are sticks.

III. Some reds are combs.

IV. Some sticks are pouches.

Ans ✓ 1. Only conclusions II, III and IV follow.

✗ 2. Only conclusions I, II and III follow.

✗ 3. Only conclusions I, III and IV follow.

✗ 4. All the conclusions follow.

Question ID : 75189711467

Option 1 ID : 75189745866

Option 2 ID : 75189745865

Option 3 ID : 75189745867

Option 4 ID : 75189745868

Status : Answered

Chosen Option : 1

Q.71 In a class of 100 students, 24 students score more marks than Sharmistha whereas 18 students score lesser marks than Amit. How many students score lesser marks than Sharmistha but more marks than Amit?

Ans ✗ 1. 57

✗ 2. 55

✓ 3. 56

✗ 4. 54

Question ID : 75189710745

Option 1 ID : 75189742980

Option 2 ID : 75189742978

Option 3 ID : 75189742979

Option 4 ID : 75189742977

Status : Answered

Chosen Option : 1

Q.72

The value of $40 - [3 - \{4 - (6 - \overline{6-4})\}]$ is _____.

- Ans
- ☐ 1. 47
 - ☐ 2. 100
 - ☐ 3. 300
 - ☒ 4. 37

Question ID : 75189711945

Option 1 ID : 75189747780

Option 2 ID : 75189747778

Option 3 ID : 75189747777

Option 4 ID : 75189747779

Status : Answered

Chosen Option : 4

Q.73 A needle of height 4 cm is placed at a distance of 45 cm in front of a concave lens of focal length 30 cm. The height of the image of the needle will be:

- Ans
- ☒ 1. 1.6 cm
 - ☐ 2. 1.9 cm
 - ☐ 3. 2.2 cm
 - ☐ 4. 2.5 cm

Question ID : 75189711288

Option 1 ID : 75189745149

Option 2 ID : 75189745150

Option 3 ID : 75189745151

Option 4 ID : 75189745152

Status : Answered

Chosen Option : 1

Q.74 Ajay is driving in the east direction and covers a distance of 2.5 km and then takes a turn in the left direction and travels a distance of 3 km. Further, he turns to the right and travels a distance of 4.5 km. Lastly, he turns to his right and travels a distance of 3 km. How far is he from the starting point? (All turns are 90 degree turns only)

- Ans
- ☐ 1. 8 km
 - ☒ 2. 7 km
 - ☐ 3. 6 km
 - ☐ 4. 5 km

Question ID : 75189711590

Option 1 ID : 75189746360

Option 2 ID : 75189746359

Option 3 ID : 75189746358

Option 4 ID : 75189746357

Status : Answered

Chosen Option : 2

Q.75 In which place of Tamil Nadu will you find 'The Tamil University'?

- Ans
- ☒ 1. Madurai
 - ☒ 2. Salem
 - ☒ 3. Thanjavur
 - ☒ 4. Erode

Question ID : 75189712133
Option 1 ID : 75189748530
Option 2 ID : 75189748529
Option 3 ID : 75189748532
Option 4 ID : 75189748531
Status : Not Answered
Chosen Option : --

Q.76 What is the age limit for a judge of the Supreme Court of India?

- Ans
- ☒ 1. 62 years
 - ☒ 2. 65 years
 - ☒ 3. 60 years
 - ☒ 4. 70 years

Question ID : 75189712168
Option 1 ID : 75189748672
Option 2 ID : 75189748670
Option 3 ID : 75189748671
Option 4 ID : 75189748669
Status : Answered
Chosen Option : 2

Q.77 The length of each edge of a cube is increased by 50%. The percentage increase in the surface area is:

- Ans
- ☒ 1. 225%
 - ☒ 2. 150%
 - ☒ 3. 25 %
 - ☒ 4. 125%

Question ID : 75189711731
Option 1 ID : 75189746924
Option 2 ID : 75189746923
Option 3 ID : 75189746921
Option 4 ID : 75189746922
Status : Answered
Chosen Option : 4

Q.78 Each vowel in the word FLOWER is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter, thus formed, is arranged in alphabetical order, which letter will be second from the right?

- Ans**
- ✓ 1. Q
 - ✗ 2. K
 - ✗ 3. P
 - ✗ 4. E

Question ID : **75189711692**

Option 1 ID : **75189746767**

Option 2 ID : **75189746765**

Option 3 ID : **75189746766**

Option 4 ID : **75189746768**

Status : **Not Attempted and
Marked For Review**

Chosen Option : --

Q.79 The product of the HCF and the LCM of 4, 20, 28 is:

- Ans**
- ✗ 1. 140
 - ✗ 2. 564
 - ✗ 3. 136
 - ✓ 4. 560

Question ID : **75189711725**

Option 1 ID : **75189746898**

Option 2 ID : **75189746899**

Option 3 ID : **75189746900**

Option 4 ID : **75189746897**

Status : **Answered**

Chosen Option : 4

Q.80 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:

All creepers are vegetables.

All vegetables are fruits.

Some fruits are flowers.

Conclusions:

I. Some creepers are flowers.

II. Some fruits are creepers.

III. All vegetables are flowers.

Ans ☒ 1. Only conclusions I and III follow

☒ 2. Only conclusion II follows

☒ 3. Only conclusions II and III follow

☒ 4. Only conclusions I and II follow

Question ID : **75189711680**

Option 1 ID : **75189746718**

Option 2 ID : **75189746720**

Option 3 ID : **75189746719**

Option 4 ID : **75189746717**

Status : **Answered**

Chosen Option : **2**

Q.81 Amongst six friends P, Q, R, S, T and U, each has a different height. S is taller than only two other friends. R is shorter than only one friend. P is shorter than S but taller than Q. T is shorter than U. Who is the shortest among all the friends?

Ans ☒ 1. P

☒ 2. Q

☒ 3. R

☒ 4. T

Question ID : **7518979125**

Option 1 ID : **75189736497**

Option 2 ID : **75189736499**

Option 3 ID : **75189736500**

Option 4 ID : **75189736498**

Status : **Answered**

Chosen Option : **2**

Q.82 What is the heat energy produced in a resistance of $10\ \Omega$ when 5 A current flows through it for 5 minutes ?

- Ans ☒ 1. $7.5 \times 10^4\text{ J}$
- ☒ 2. $7.5 \times 10^5\text{ J}$
- ☒ 3. $7.5 \times 10^6\text{ J}$
- ☒ 4. $7.5 \times 10^3\text{ J}$

Question ID : **75189711343**

Option 1 ID : **75189745370**

Option 2 ID : **75189745371**

Option 3 ID : **75189745372**

Option 4 ID : **75189745369**

Status : **Answered**

Chosen Option : **1**

Q.83 Refer to the following letter, symbol series and answer the question.

(Left) **D # Y * C S O A T U @ I & E % N F P % & L # Z** (Right)

How many such symbols are there which are immediately preceded and immediately followed by a vowel?

- Ans ☒ 1. Two
- ☒ 2. Four
- ☒ 3. Three
- ☒ 4. One

Question ID : **75189711546**

Option 1 ID : **75189746183**

Option 2 ID : **75189746181**

Option 3 ID : **75189746182**

Option 4 ID : **75189746184**

Status : **Answered**

Chosen Option : **1**

Q.84 A hollow cylinder of height h has inner and outer radii of base given as r and R , respectively. The ratio of the curved surface area to the total surface area of this cylinder is:

- Ans ☒ 1. $h : (h + R - r)$
- ☒ 2. $(R - r - h) : r$
- ☒ 3. $(R + r - h) : h$
- ☒ 4. $h : (R - r - h)$

Question ID : **75189711813**

Option 1 ID : **75189747249**

Option 2 ID : **75189747251**

Option 3 ID : **75189747250**

Option 4 ID : **75189747252**

Status : **Answered**

Chosen Option : **1**

Q.85 In March 2022, the Reserve Bank of India (RBI) increased the eligibility criteria for microfinance loans to a household having an annual income of up to _____.

- Ans**
- ✓ 1. ₹3 lakhs
 - ✗ 2. ₹3.25 lakhs
 - ✗ 3. ₹3.5 lakhs
 - ✗ 4. ₹4 lakhs

Question ID : **7518978546**
Option 1 ID : **75189734181**
Option 2 ID : **75189734182**
Option 3 ID : **75189734184**
Option 4 ID : **75189734183**
Status : **Answered**
Chosen Option : **1**

Q.86 Which of the numbers below is exactly divisible by 33?

- Ans**
- ✓ 1. 25080
 - ✗ 2. 27441
 - ✗ 3. 19679
 - ✗ 4. 73205

Question ID : **75189711949**
Option 1 ID : **75189747796**
Option 2 ID : **75189747794**
Option 3 ID : **75189747793**
Option 4 ID : **75189747795**
Status : **Answered**
Chosen Option : **1**

Q.87 Identify the states from following which are related to Pre-Monsoon shower 'Nor westers'

- Ans**
- ✗ 1. Rajasthan and Punjab
 - ✓ 2. West Bengal and Assam
 - ✗ 3. Kerala and Karnataka
 - ✗ 4. Gujarat and Maharashtra

Question ID : **75189710475**
Option 1 ID : **75189741899**
Option 2 ID : **75189741898**
Option 3 ID : **75189741897**
Option 4 ID : **75189741900**
Status : **Answered**
Chosen Option : **2**

Q.88 According to Economic Survey Report of 2021-22, as on September 2021, what percentage of people have opted for ₹1,000 pension per month under the Atal Pension Yojana?

- Ans**
- ☒ 1. 80%
 - ☒ 2. 78%
 - ☒ 3. 85%
 - ☒ 4. 90%

Question ID : **75189710421**
Option 1 ID : **75189741682**
Option 2 ID : **75189741681**
Option 3 ID : **75189741683**
Option 4 ID : **75189741684**
Status : **Not Answered**
Chosen Option : --

Q.89 In a queue, Manish is 18th from the front end and Aman is 12th from the rear end, and there are 8 people between them. How many people are there in the queue if Aman is standing somewhere behind Manish in the queue?

- Ans**
- ☒ 1. 37
 - ☒ 2. 40
 - ☒ 3. 39
 - ☒ 4. 38

Question ID : **75189711438**
Option 1 ID : **75189745749**
Option 2 ID : **75189745752**
Option 3 ID : **75189745751**
Option 4 ID : **75189745750**
Status : **Answered**
Chosen Option : 4

Q.90 Which of the following numbers will replace the question mark (?) in the given series?

2, 3, 4, 4, 6, 8, 6, 9, 12, 8, 12, 16, ?

- Ans**
- ☒ 1. 15
 - ☒ 2. 10
 - ☒ 3. 12
 - ☒ 4. 20

Question ID : **75189711612**
Option 1 ID : **75189746447**
Option 2 ID : **75189746446**
Option 3 ID : **75189746445**
Option 4 ID : **75189746448**
Status : **Answered**
Chosen Option : 2

Q.91 A train travels at a speed of 30 km/h for 6 hours and at 45 km/h for 4 hours. What is the average speed of the train during these 10 hours?

- Ans
- ☒ 1. 35 km/h
 - ☒ 2. 36 km/h
 - ☒ 3. 40 km/h
 - ☒ 4. $37\frac{1}{2}$ km/h

Question ID : 75189711764

Option 1 ID : 75189747053

Option 2 ID : 75189747054

Option 3 ID : 75189747055

Option 4 ID : 75189747056

Status : Answered

Chosen Option : 2

Q.92 If $\cot A + \cos A = m$ and $\cot A - \cos A = n$, then:

- Ans
- ☒ 1. $m^2 + n^2 = 4mn$
 - ☒ 2. $(m^2 - n^2)^2 = 16mn$
 - ☒ 3. $(m^2 - n^2)^2 = 4mn$
 - ☒ 4. $m^2 - n^2 = 16mn$

Question ID : 75189711834

Option 1 ID : 75189747336

Option 2 ID : 75189747335

Option 3 ID : 75189747334

Option 4 ID : 75189747333

Status : Not Answered

Chosen Option : --

Q.93 Under the NITI Aayog SDG India Index, overall State and UT scores are generated from goal-wise scores to measure aggregate performance of the sub-national unit based on its performance across the 16 SDGs. Based on these scores,

States/UTs are categorised in four categories. Which of the following is NOT one of the categories?

- Ans
- ☒ 1. Excellent
 - ☒ 2. Aspirant
 - ☒ 3. Front Runner
 - ☒ 4. Performer

Question ID : 75189711095

Option 1 ID : 75189744380

Option 2 ID : 75189744377

Option 3 ID : 75189744379

Option 4 ID : 75189744378

Status : Not Answered

Chosen Option : --

Q.94 If one angle of a quadrilateral measures 120° and its remaining three angles are equal in measure to one another, then the measure of each of these three remaining angles is equal to _____.

- Ans**
- ☒ 1. 80°
 - ☐ 2. 110°
 - ☐ 3. 60°
 - ☐ 4. 90°

Question ID : **75189711994**

Option 1 ID : **75189747974**

Option 2 ID : **75189747973**

Option 3 ID : **75189747975**

Option 4 ID : **75189747976**

Status : **Answered**

Chosen Option : **1**

Q.95 How many such pairs of letters are there in the word REPUBLICAN (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. 6
 - ☐ 2. 5
 - ☒ 3. 2
 - ☐ 4. 4

Question ID : **7518977962**

Option 1 ID : **75189731848**

Option 2 ID : **75189731847**

Option 3 ID : **75189731845**

Option 4 ID : **75189731846**

Status : **Answered**

Chosen Option : **3**

Q.96 Bone cells are embedded in a hard matrix that is composed of:

- Ans**
- ☐ 1. phosphorus and potassium
 - ☐ 2. fluoride and calcium
 - ☒ 3. calcium and phosphorus
 - ☐ 4. potassium and calcium

Question ID : **75189710182**

Option 1 ID : **75189740725**

Option 2 ID : **75189740727**

Option 3 ID : **75189740728**

Option 4 ID : **75189740726**

Status : **Answered**

Chosen Option : **3**

Q.97 In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/	2	@	9	5	\$	&	3	%	#	7	+	4	8	6
Symbols														
Code	T	F	A	J	L	E	W	Q	D	P	R	B	U	S

Conditions:

(i) If the first element is a symbol and the last is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last is an even number, the first and the last elements are to be coded as

(iii) If both the second and the third elements are perfect squares, the third element is to be coded as the code for the second element.

Question: + # 7 & 6

- Ans**
- ☒ 1. DEPSR
 - ☒ 2. RDPRS
 - ☒ 3. SDPER
 - ☒ 4. PERDS

Question ID : **7518979854**
 Option 1 ID : **75189739416**
 Option 2 ID : **75189739414**
 Option 3 ID : **75189739413**
 Option 4 ID : **75189739415**
 Status : **Not Answered**
 Chosen Option : --

Q.98 Pradhan Mantri Bhartiya Janaushadhi Pariyojana (PMBJP) kendras added nutraceuticals to their product basket in March 2022. Which of the following is NOT included under nutraceuticals?

- Ans**
- ☒ 1. Vitamin supplements
 - ☒ 2. Dry fruits
 - ☒ 3. Protein powder
 - ☒ 4. Immunity bars

Question ID : **7518979362**
 Option 1 ID : **75189737447**
 Option 2 ID : **75189737448**
 Option 3 ID : **75189737445**
 Option 4 ID : **75189737446**
 Status : **Not Answered**
 Chosen Option : --

Q.99

The roots of $2^{2x} - 10 \times 2^x + 16 = 0$ are:

- Ans
- ☒ 1. 2, 3
 - ☒ 2. 1, 8
 - ☒ 3. 2, 8
 - ☒ 4. 1, 3

Question ID : 75189711796

Option 1 ID : 75189747184

Option 2 ID : 75189747183

Option 3 ID : 75189747181

Option 4 ID : 75189747182

Status : Answered

Chosen Option : 3

Q.100 If coil A of resistance 15Ω and coil B of resistance 5Ω are subjected to time varying magnetic field, then the current induced in these coils are:

- Ans
- ☒ 1. same
 - ☒ 2. in the ratio 1 : 1
 - ☒ 3. in the ratio 1 : 2
 - ☒ 4. different

Question ID : 75189711180

Option 1 ID : 75189744717

Option 2 ID : 75189744720

Option 3 ID : 75189744719

Option 4 ID : 75189744718

Status : Answered

Chosen Option : 4