



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	Parala Maharaja Engineering College
Test Date	30/09/2022
Test Time	12:45 PM - 2:15 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 Sujoy starts from Point A and drives 11 km towards the east. He then takes a left turn, drives 5 km, turns left and drives 7 km. He then takes a left turn and drives 13 km, takes a right turn and drives 4 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

- Ans**
- ☒ 1. 6 km towards the south
 - ☒ 2. 8 km towards the north
 - ☒ 3. 4 km towards the north
 - ☒ 4. 8 km towards the south

Question ID : 75189714488

Option 1 ID : 75189757951

Option 2 ID : 75189757952

Option 3 ID : 75189757949

Option 4 ID : 75189757950

Status : Answered

Chosen Option : 2

Q.2 In which year did PV Sindhu win the Swiss Open Super 300 badminton competition in Basel, Switzerland, defeating Busanan Ongbamrungphan of Thailand in the finals?

- Ans**
- ☒ 1. 2020
 - ☒ 2. 2022
 - ☒ 3. 2019
 - ☒ 4. 2021

Question ID : 75189714028

Option 1 ID : 75189756110

Option 2 ID : 75189756112

Option 3 ID : 75189756109

Option 4 ID : 75189756111

Status : Answered

Chosen Option : 2



Q.3 $\triangle ABC \sim \triangle PQR$ and (area of $\triangle ABC$) : (area of $\triangle PQR$) = 3 : 2 . If AB = 12 cm, BC = 10 cm, and AC = 9 cm, then the length of QR (in cm) is:

- Ans**
- ☒ 1. $8\sqrt{3}$
 - ☒ 2. $3\sqrt{6}$
 - ☒ 3. $\frac{10}{\sqrt{3}}$
 - ☒ 4. $\frac{20}{\sqrt{3}}$

Question ID : **75189712660**

Option 1 ID : **75189750640**

Option 2 ID : **75189750638**

Option 3 ID : **75189750639**

Option 4 ID : **75189750637**

Status : **Answered**

Chosen Option : **2**

Q.4 Which of the following statements is/are correct with regard to the principal axis of a spherical mirror?

- (a) A principal axis is an imaginary line extended on both sides of the mirror.
- (b) A principal axis passes through the center of curvature, principal focus and pole.
- (c) The principal axis for a curved mirror is curved.

- Ans**
- ☒ 1. Only (b) is correct
 - ☒ 2. (a), (b) and (c) are correct
 - ☒ 3. Only (a) is correct
 - ☒ 4. Only (a) and (b) are correct

Question ID : **75189715086**

Option 1 ID : **75189760342**

Option 2 ID : **75189760344**

Option 3 ID : **75189760341**

Option 4 ID : **75189760343**

Status : **Answered**

Chosen Option : **4**

Q.5 The path of a beam of light is visible through a _____ solution in which the size of the particles is relatively larger.

- Ans**
- ☒ 1. sugar
 - ☒ 2. water
 - ☒ 3. salt
 - ☒ 4. colloidal

Question ID : **75189713771**

Option 1 ID : **75189755082**

Option 2 ID : **75189755083**

Option 3 ID : **75189755084**

Option 4 ID : **75189755081**

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

Chosen Option : --

Q.6 Refer to the given number, symbol series and answer the question that follows.

(Left) 2 @ 1 o S λ £ 5 3 & 9 # * 2 @ 6 7 & % 3 £ 2 & 1 5 (Right)

How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by a number?

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

Question ID : **75189714549**

Option 1 ID : **75189758195**

Option 2 ID : **75189758194**

Option 3 ID : **75189758193**

Option 4 ID : **75189758196**

Status : **Answered**

Chosen Option : 1

Q.7 If 2 is added to each even digit and 3 is added to each odd digit in the number 4311253, what will be the sum of the digits which are third from the left and second from the right in the new number thus formed?

- Ans**
- ☒ 1. 12
 - ☒ 2. 9
 - ☒ 3. 15
 - ☒ 4. 11

Question ID : **75189713716**

Option 1 ID : **75189754862**

Option 2 ID : **75189754861**

Option 3 ID : **75189754864**

Option 4 ID : **75189754863**

Status : **Answered**

Chosen Option : 1

Q.8 Which of the following animal tissues contain(s) flattened cells?

- Ans**
- ☒ 1. Plasma cells
 - ☒ 2. Squamous epithelium
 - ☒ 3. Cuboidal epithelium
 - ☒ 4. Mast cells

Question ID : **75189712263**

Option 1 ID : **75189749051**

Option 2 ID : **75189749050**

Option 3 ID : **75189749049**

Option 4 ID : **75189749052**

Status : **Not Answered**

Chosen Option : --

Q.9 In this question, a statement is followed by two conclusions numbered I and II. You have to assume everything in the statement to be true and decide which of them logically follow(s) beyond a reasonable doubt from the information given in the statement.

Statement:

Radha knew that watermelon always tastes good in summer. The one she bought today was tasteless.

Conclusions:

- I. It is not summer season at present.
- II. The shopkeeper has cheated Radha.

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

Question ID : **75189714933**

Option 1 ID : **75189759732**

Option 2 ID : **75189759730**

Option 3 ID : **75189759729**

Option 4 ID : **75189759731**

Status : **Answered**

Chosen Option : 1

Q.10 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1374856, which of the following digits will appear more than once in the new number thus formed?

- Ans**
- ✓ 1. 2, 4 and 6
 - ✗ 2. Both 6 and 7
 - ✗ 3. 4, 6 and 8
 - ✗ 4. Only 8

Question ID : **75189710944**

Option 1 ID : **75189743775**

Option 2 ID : **75189743776**

Option 3 ID : **75189743774**

Option 4 ID : **75189743773**

Status : **Answered**

Chosen Option : 1

Q.11 What is the full form of ESIC, which is an autonomous body created by the law under the Ministry of Labour and Employment, Government of India?

- Ans**
- ✓ 1. Employees' State Insurance Corporation
 - ✗ 2. Employees' State Indemnity Corporation
 - ✗ 3. Employees' Statuary Insurance Corporation
 - ✗ 4. Employers' State Insurance Corporation

Question ID : **75189712468**

Option 1 ID : **75189749872**

Option 2 ID : **75189749871**

Option 3 ID : **75189749870**

Option 4 ID : **75189749869**

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

Chosen Option : --

Q.12 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All grapes are apples

No apple is a pine

All pines are cones

Conclusions:

(I) No cone is a grape

(II) No grape is a pine

(III) Some cones are apples

Ans ☒ 1. Both conclusion I and conclusion II follow

☒ 2. Only conclusion II follows

☒ 3. Only conclusion I follows

☒ 4. None of the conclusions follow

Question ID : **75189714964**

Option 1 ID : **75189759855**

Option 2 ID : **75189759854**

Option 3 ID : **75189759853**

Option 4 ID : **75189759856**

Status : **Answered**

Chosen Option : **2**

Q.13 If $a = \left(\frac{3}{7}\right)^2 \div \left(\frac{9}{7}\right)^0$, then find the value of a^{-2} .

Ans ☒ 1. $\frac{2401}{81}$

☒ 2. $\frac{81}{2401}$

☒ 3. $\frac{343}{81}$

☒ 4. $\frac{81}{343}$

Question ID : **75189712897**

Option 1 ID : **75189751586**

Option 2 ID : **75189751585**

Option 3 ID : **75189751587**

Option 4 ID : **75189751588**

Status : **Answered**

Chosen Option : **1**

Q.14 The sum of 6 times Bob's age and 5 times Will's age is 43 years, and the sum of 5 times Bob's age and 5 times Will's age is 40 years. Find the age of Bob.

- Ans**
- ☒ 1. 5 years
 - ☒ 2. 3 years
 - ☒ 3. 1 year
 - ☒ 4. 10 years

Question ID : **75189713372**

Option 1 ID : **75189753488**

Option 2 ID : **75189753487**

Option 3 ID : **75189753485**

Option 4 ID : **75189753486**

Status : **Answered**

Chosen Option : **2**

Q.15 The radius of the base of a right circular closed cylinder is 3.5 cm and its total surface area is 269.5 cm^2 . What is the ratio of its height to its diameter? (Take $\pi = \frac{22}{7}$)

- Ans**
- ☒ 1. 5 : 7
 - ☒ 2. 7 : 5
 - ☒ 3. 5 : 4
 - ☒ 4. 4 : 5

Question ID : **75189712652**

Option 1 ID : **75189750606**

Option 2 ID : **75189750607**

Option 3 ID : **75189750608**

Option 4 ID : **75189750605**

Status : **Not Answered**

Chosen Option : **--**

Q.16 The element used as a fuse _____ when a huge current flows through it.

- Ans**
- ☒ 1. heats up
 - ☒ 2. boils
 - ☒ 3. melts
 - ☒ 4. cools

Question ID : **75189713828**

Option 1 ID : **75189755309**

Option 2 ID : **75189755311**

Option 3 ID : **75189755312**

Option 4 ID : **75189755310**

Status : **Answered**

Chosen Option : **3**

Q.17 6 men and 10 women complete a work in 10 days. 5 men and 4 women complete the same work in 14 days. How many days will it take for 1 woman to complete the same work?

- Ans** ☒ 1. 364
☐ 2. 390
☐ 3. 280
☐ 4. 350

Question ID : **75189713361**
Option 1 ID : **75189753444**
Option 2 ID : **75189753441**
Option 3 ID : **75189753442**
Option 4 ID : **75189753443**
Status : **Answered**
Chosen Option : 1

Q.18 Between the ages of six and fourteen, parents or guardians should provide opportunities for their children's education. When did this become a part of the right to education legislation?

- Ans** ☒ 1. 2009
☐ 2. 2004
☐ 3. 2008
☐ 4. 2005

Question ID : **75189712532**
Option 1 ID : **75189750128**
Option 2 ID : **75189750125**
Option 3 ID : **75189750127**
Option 4 ID : **75189750126**
Status : **Answered**
Chosen Option : 1

Q.19 Refer to the following letter, number, symbol series and answer the question.

(Left) 9 C W 7 S K T @ B I 6 L C S 8 & J F 2 % U D 7 P 5 * 4 V Z ? A (Right)

If all the elements that are on the prime number position in the above series are to be dropped, then which of the following elements will be 18th from the left end?

- Ans** ☐ 1. K
☐ 2. F
☒ 3. 4
☐ 4. P

Question ID : **7518978990**
Option 1 ID : **75189735957**
Option 2 ID : **75189735958**
Option 3 ID : **75189735959**
Option 4 ID : **75189735960**
Status : **Answered**
Chosen Option : 3

Q.20 Refer to the following number series and answer the question that follows.

4 3 7 9 2 5 6 8 7 9 1 5 3 9 2 4 3 5 9

How many such odd digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an even digit?

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

Question ID : **75189713934**

Option 1 ID : **75189755733**

Option 2 ID : **75189755735**

Option 3 ID : **75189755736**

Option 4 ID : **75189755734**

Status : **Answered**

Chosen Option : **2**

Q.21 Which of the following has the authority to create a municipality, municipal corporation, or panchayat in a given area?

- Ans**
- ☒ 1. Divisional Commissioner
 - ☒ 2. District Collector
 - ☒ 3. State Government
 - ☒ 4. Central Government

Question ID : **75189714078**

Option 1 ID : **75189756310**

Option 2 ID : **75189756312**

Option 3 ID : **75189756309**

Option 4 ID : **75189756311**

Status : **Answered**

Chosen Option : **3**

Q.22 Ranikhet hill station is located in which state of India?

- Ans**
- ☒ 1. Sikkim
 - ☒ 2. Himachal Pradesh
 - ☒ 3. Kerala
 - ☒ 4. Uttarakhand

Question ID : **75189712510**

Option 1 ID : **75189750039**

Option 2 ID : **75189750038**

Option 3 ID : **75189750040**

Option 4 ID : **75189750037**

Status : **Answered**

Chosen Option : **4**

Q.23 When was the First Five-Year Plan launched?

- Ans
- ☒ 1. 1956-1961
 - ☒ 2. 1951-1956
 - ☒ 3. 1961-1966
 - ☒ 4. 1946-1951

Question ID : 75189714070
Option 1 ID : 75189756277
Option 2 ID : 75189756278
Option 3 ID : 75189756279
Option 4 ID : 75189756280
Status : Answered
Chosen Option : 2

Q.24 In the universal prayer of Jains, Navakara Mantra, what is the literal meaning of 'Namo Arihantanam'?

- Ans
- ☒ 1. I bow to all spiritual masters or divine teachers.
 - ☒ 2. I bow down to all souls who have escaped all their gati karmas.
 - ☒ 3. I bow down to all completely liberated souls.
 - ☒ 4. I bow down to all preceptors.

Question ID : 7518979399
Option 1 ID : 75189737595
Option 2 ID : 75189737593
Option 3 ID : 75189737594
Option 4 ID : 75189737596
Status : Not Answered
Chosen Option : --

Q.25 8 men and 13 women can complete a piece of work in 12 days, and 10 men and 14 women can complete the same work in 10 days. The work of how many women is equivalent to that of one man?

- Ans
- ☒ 1. 3
 - ☒ 2. 2
 - ☒ 3. 4
 - ☒ 4. 1.5

Question ID : 75189713332
Option 1 ID : 75189753325
Option 2 ID : 75189753326
Option 3 ID : 75189753328
Option 4 ID : 75189753327
Status : Answered
Chosen Option : 4

Q.26 Ramu is older than Lakshman by 4 years. If their present ages are in the ratio 6 : 5, how old is Lakshman?

- Ans
- ☒ 1. 18 years
 - ☒ 2. 24 years
 - ☒ 3. 22 years
 - ☒ 4. 20 years

Question ID : 75189712828

Option 1 ID : 75189751309

Option 2 ID : 75189751312

Option 3 ID : 75189751311

Option 4 ID : 75189751310

Status : Answered

Chosen Option : 4

Q.27 The roots of the quadratic equation $x^2 - 4x - 1 = 0$ are:

- Ans
- ☒ 1. $2 \pm \sqrt{3}$
 - ☒ 2. $2 \pm \sqrt{5}$
 - ☒ 3. $-2 \pm \sqrt{3}$
 - ☒ 4. $-2 \pm \sqrt{5}$

Question ID : 75189712840

Option 1 ID : 75189751359

Option 2 ID : 75189751358

Option 3 ID : 75189751360

Option 4 ID : 75189751357

Status : Answered

Chosen Option : 2

Q.28 Solve the given equation.

$$(5x^2 - 5) + 5(-x^2 + 2x - 7) = 0$$

- Ans
- ☒ 1. $x = 4$
 - ☒ 2. $x = 2$
 - ☒ 3. $x = -4$
 - ☒ 4. $x = -2$

Question ID : 75189712999

Option 1 ID : 75189751996

Option 2 ID : 75189751993

Option 3 ID : 75189751995

Option 4 ID : 75189751994

Status : Answered

Chosen Option : 1

Q.29 Kritika walks 6 m towards the south. She turns right to walk 6 m. She turns left and walks 5 m. She again turns left and walks 6 m. Again she turns left and walks 5 m. In which direction is she facing now? (All turns are 90 degree turns only)

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

Question ID : **75189714255**

Option 1 ID : **75189757018**

Option 2 ID : **75189757017**

Option 3 ID : **75189757020**

Option 4 ID : **75189757019**

Status : **Marked For Review**

Chosen Option : **2**

Q.30 Which of the following statements is true about precipitation reaction?

- Ans**
- ☒ 1. Only water is formed.
 - ☒ 2. Only hydrogen gas is formed.
 - ☒ 3. Only soluble solution is formed.
 - ☒ 4. An insoluble salt is formed.

Question ID : **75189715017**

Option 1 ID : **75189760066**

Option 2 ID : **75189760068**

Option 3 ID : **75189760067**

Option 4 ID : **75189760065**

Status : **Answered**

Chosen Option : **4**

Q.31 Which of the following compounds contains only one carbon-carbon single bond?

- Ans**
- ☒ 1. Ethane
 - ☒ 2. Butane
 - ☒ 3. Methane
 - ☒ 4. Propane

Question ID : **75189714748**

Option 1 ID : **75189758990**

Option 2 ID : **75189758992**

Option 3 ID : **75189758989**

Option 4 ID : **75189758991**

Status : **Answered**

Chosen Option : **3**

Q.32 Which of the following is equal to $0.1\overline{82}$?

- Ans
- ✓ 1. $\frac{181}{990}$
- ✗ 2. $\frac{81}{500}$
- ✗ 3. $\frac{1}{999}$
- ✗ 4. $\frac{1}{9}$

Question ID : 75189713264

Option 1 ID : 75189753053

Option 2 ID : 75189753056

Option 3 ID : 75189753055

Option 4 ID : 75189753054

Status : Answered

Chosen Option : 1

Q.33 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 / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(4, 17, 33)
(5, 34, 59)

- Ans
- ✓ 1. (6, 82, 118)
- ✗ 2. (3, 45, 51)
- ✗ 3. (9, 19, 37)
- ✗ 4. (27, 13, 28)

Question ID : 75189714948

Option 1 ID : 75189759789

Option 2 ID : 75189759791

Option 3 ID : 75189759790

Option 4 ID : 75189759792

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.34 Each of the digits in the number 7235491 is arranged in ascending order from left to right. What will be the sum of the digits that will remain unchanged as compared to that in the original number?

- Ans**
- ✓ 1. 5
 - ✗ 2. 17
 - ✗ 3. 14
 - ✗ 4. 9

Question ID : 75189714124

Option 1 ID : 75189756496

Option 2 ID : 75189756493

Option 3 ID : 75189756494

Option 4 ID : 75189756495

Status : Answered

Chosen Option : 1

Q.35 Ozone at the higher levels of the atmosphere is a product of UV radiation acting on _____ molecule.

- Ans**
- ✗ 1. sulphur dioxide (SO₂)
 - ✓ 2. oxygen (O₂)
 - ✗ 3. carbon monoxide (CO)
 - ✗ 4. carbon dioxide (CO₂)

Question ID : 75189710263

Option 1 ID : 75189741052

Option 2 ID : 75189741049

Option 3 ID : 75189741051

Option 4 ID : 75189741050

Status : Answered

Chosen Option : 2

Q.36 The oustees of which dam built in the 1970s are still fighting for the benefits they were promised?

- Ans**
- ✗ 1. Nagarjuna Sagar dam
 - ✗ 2. Sardar Sarovar dam
 - ✓ 3. Tawa dam
 - ✗ 4. Hirakud dam

Question ID : 75189710298

Option 1 ID : 75189741191

Option 2 ID : 75189741190

Option 3 ID : 75189741189

Option 4 ID : 75189741192

Status : Answered

Chosen Option : 2

Q.37 After receiving recognition as a classical language in 2008, the Centre of Excellence for Studies in Classical Telugu (CESCT) was set up under which institution?

- Ans
- ☒ 1. Rashtriya Sanskrit Sansthan, New Delhi
 - ☒ 2. Central Institute of Indian Languages, Mysore
 - ☒ 3. English and Foreign University, Hyderabad
 - ☒ 4. American Institute of Tamil Language

Question ID : **75189713995**
 Option 1 ID : **75189755979**
 Option 2 ID : **75189755977**
 Option 3 ID : **75189755978**
 Option 4 ID : **75189755980**
 Status : **Not Answered**
 Chosen Option : --

Q.38 Maintenance processes are needed in life processes to:

- Ans
- ☒ 1. transfer a source of energy from inside the body of organism
 - ☒ 2. prevent damage and breakdown
 - ☒ 3. add raw material from inside the body
 - ☒ 4. transfer food material outside the body

Question ID : **75189714816**
 Option 1 ID : **75189759261**
 Option 2 ID : **75189759262**
 Option 3 ID : **75189759263**
 Option 4 ID : **75189759264**
 Status : **Not Attempted and Marked For Review**
 Chosen Option : --

Q.39 Surbhi invested a total sum of ₹47,740 in three schemes A, B and C such that the simple interest received from scheme A at 10% p.a. after 3 years, from scheme B at 9% p.a. after 4 years and from scheme C at 8% p.a. after 5 years were the same. What is the positive difference (in ₹) between the sums invested in schemes C and A?

- Ans
- ☒ 1. 4,620
 - ☒ 2. 3,080
 - ☒ 3. 1,540
 - ☒ 4. 3,840

Question ID : **75189712623**
 Option 1 ID : **75189750492**
 Option 2 ID : **75189750490**
 Option 3 ID : **75189750489**
 Option 4 ID : **75189750491**
 Status : **Not Attempted and Marked For Review**
 Chosen Option : --

Q.40 Where in a human body can anaerobic respiration take place?

- Ans**
- ☒ 1. Only in striated muscle cells
 - ☒ 2. In mitochondria of all cells
 - ☒ 3. In the cytoplasm of cells
 - ☒ 4. Only in red blood cells in the veins

Question ID : **75189712260**
 Option 1 ID : **75189749039**
 Option 2 ID : **75189749038**
 Option 3 ID : **75189749040**
 Option 4 ID : **75189749037**
 Status : **Not Answered**
 Chosen Option : --

Q.41 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	5	3	@	8	%	2	#	6	φ	7	5	q		
Code	A	V	L	K	R	M	B	F	N	T	E	C	S	W

Conditions:

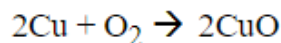
- (i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as @
- (iii) If both second and fourth elements are multiples of 3, both second and fourth elements are to be coded as the code for the second element.

#376φ%

- Ans**
- ☒ 1. @ACAS@
 - ☒ 2. BVCTRV
 - ☒ 3. BVCVTR
 - ☒ 4. KVCVWB

Question ID : **75189713936**
 Option 1 ID : **75189755743**
 Option 2 ID : **75189755744**
 Option 3 ID : **75189755742**
 Option 4 ID : **75189755741**
 Status : **Not Attempted and Marked For Review**
 Chosen Option : --

Q.42 In the given reaction which substance undergoes oxidation?



- Ans
- ☐ 1. Copper oxide
 - ☐ 2. Only copper
 - ☒ 3. Copper and oxygen
 - ☐ 4. Only oxygen

Question ID : 75189715148

Option 1 ID : 75189760589

Option 2 ID : 75189760590

Option 3 ID : 75189760592

Option 4 ID : 75189760591

Status : Answered

Chosen Option : 2

Q.43 Fleming's right hand rule gives the direction of current induced in a conductor moving in a _____.

- Ans
- ☐ 1. gravitational field
 - ☒ 2. magnetic field
 - ☐ 3. electromagnetic field
 - ☐ 4. electric field

Question ID : 75189713897

Option 1 ID : 75189755588

Option 2 ID : 75189755586

Option 3 ID : 75189755587

Option 4 ID : 75189755585

Status : Answered

Chosen Option : 3

Q.44 The Council of States consists of _____ members, which are nominated by the President on the basis of their excellence in literature, science, art and social service.

- Ans
- ☐ 1. 21
 - ☐ 2. 10
 - ☒ 3. 12
 - ☐ 4. 11

Question ID : 75189710500

Option 1 ID : 75189741999

Option 2 ID : 75189741997

Option 3 ID : 75189742000

Option 4 ID : 75189741998

Status : Answered

Chosen Option : 3

Q.45 Raghu sold an article at a loss of 15%. If he had bought the item at 5% less and had sold it for ₹195 more, then he would have gained 10%. Find the cost price (in ₹) of the article.

- Ans**
- ✓ 1. 1,000
 - ✗ 2. 1,500
 - ✗ 3. 750
 - ✗ 4. 1,250

Question ID : **75189713313**

Option 1 ID : **75189753250**

Option 2 ID : **75189753249**

Option 3 ID : **75189753251**

Option 4 ID : **75189753252**

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

Chosen Option : --

Q.46 Based on the given statement, four conclusions are drawn. Find out which conclusion is true based on the statement.

Statement: $L < W > X = V > B \geq E$

- Ans**
- ✗ 1. $W = V$
 - ✓ 2. $W > B$
 - ✗ 3. $L = E$
 - ✗ 4. $X < E$

Question ID : **7518974764**

Option 1 ID : **75189719056**

Option 2 ID : **75189719054**

Option 3 ID : **75189719055**

Option 4 ID : **75189719053**

Status : **Answered**

Chosen Option : **2**

Q.47 Find the median of the frequency distribution given below.

Marks	Frequency
30	4
40	7
50	2
85	6

- Ans
- ☒ 1. 10
 - ☒ 2. 30
 - ☒ 3. 50
 - ☒ 4. 40

Question ID : 75189713349

Option 1 ID : 75189753393

Option 2 ID : 75189753395

Option 3 ID : 75189753394

Option 4 ID : 75189753396

Status : Answered

Chosen Option : 3

Q.48 How does a loop act as a contraceptive?

- Ans
- ☒ 1. It blocks access to the fallopian tubes.
 - ☒ 2. It inhibits release of ovum.
 - ☒ 3. It inhibits implantation of the embryo.
 - ☒ 4. It blocks the release of sperm.

Question ID : 75189712281

Option 1 ID : 75189749121

Option 2 ID : 75189749124

Option 3 ID : 75189749123

Option 4 ID : 75189749122

Status : Answered

Chosen Option : 1

Q.49 In $\triangle ABC$, $m(\overline{AB}) = m(\overline{AC})$, and $m\angle BAC = 30^\circ$. If the side BC of $\triangle ABC$ is extended to D, then find $m\angle ACD$.

- Ans
- ☒ 1. 50°
 - ☒ 2. 105°
 - ☒ 3. 75°
 - ☒ 4. 120°

Question ID : 75189713410

Option 1 ID : 75189753639

Option 2 ID : 75189753637

Option 3 ID : 75189753638

Option 4 ID : 75189753640

Status : Answered

Chosen Option : 2

Q.50 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

VPR 3, INP 7, RLN 11, ?, NHJ 19

- Ans**
- ☒ 1. PJJ 15
 - ☐ 2. PLJ 15
 - ☐ 3. PJJ 13
 - ☐ 4. PLJ 13

Question ID : 75189714462

Option 1 ID : 75189757846

Option 2 ID : 75189757848

Option 3 ID : 75189757847

Option 4 ID : 75189757845

Status : Answered

Chosen Option : 1

Q.51 Where is the head office of the Barefoot College, which completed 50 years of community empowerment in 2022, located?

- Ans**
- ☐ 1. Odisha
 - ☐ 2. Gujarat
 - ☒ 3. Rajasthan
 - ☐ 4. West Bengal

Question ID : 75189711104

Option 1 ID : 75189744413

Option 2 ID : 75189744416

Option 3 ID : 75189744415

Option 4 ID : 75189744414

Status : Not Answered

Chosen Option : --

Q.52 The ratio of the length and the width of a rectangle is 5 : 2. If the width of the rectangle is 48 cm, find the length of the rectangle.

- Ans**
- ☐ 1. 186 cm
 - ☐ 2. 168 cm
 - ☒ 3. 120 cm
 - ☐ 4. 102 cm

Question ID : 75189713293

Option 1 ID : 75189753171

Option 2 ID : 75189753172

Option 3 ID : 75189753169

Option 4 ID : 75189753170

Status : Answered

Chosen Option : 3

Q.53 During photosynthesis, the carbohydrates synthesised are stored in the form of:

- Ans
- ☒ 1. proteins
 - ☒ 2. vitamins
 - ☒ 3. starch
 - ☒ 4. fats

Question ID : 7518977791
Option 1 ID : 75189731161
Option 2 ID : 75189731164
Option 3 ID : 75189731162
Option 4 ID : 75189731163
Status : Answered
Chosen Option : 3

Q.54 The area of a right-angled triangle, whose base is 24 cm and hypotenuse is 26 cm, is:

- Ans
- ☒ 1. 240 cm²
 - ☒ 2. 120 cm²
 - ☒ 3. 130 cm²
 - ☒ 4. 312 cm²

Question ID : 75189712853
Option 1 ID : 75189751410
Option 2 ID : 75189751412
Option 3 ID : 75189751411
Option 4 ID : 75189751409
Status : Answered
Chosen Option : 4

Q.55 Which of the following elements belongs to the second group?

- Ans
- ☒ 1. B
 - ☒ 2. Be
 - ☒ 3. Na
 - ☒ 4. C

Question ID : 75189714803
Option 1 ID : 75189759210
Option 2 ID : 75189759212
Option 3 ID : 75189759209
Option 4 ID : 75189759211
Status : Answered
Chosen Option : 2

Q.56 If a 1950 m long train crosses a pole in 150 seconds, then find the time (in seconds) taken by the train to cross a 338 m long platform.

- Ans
- ☒ 1. 174
 - ☒ 2. 175
 - ☒ 3. 176
 - ☒ 4. 170

Question ID : 75189713324

Option 1 ID : 75189753296

Option 2 ID : 75189753293

Option 3 ID : 75189753294

Option 4 ID : 75189753295

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

Chosen Option : --

Q.57 If the sum and the product of the roots of a quadratic equation are $\frac{a}{p}$ and $\frac{r^2}{q}$, respectively, where $p, q \neq 0$, then the quadratic equation and the discriminant of the quadratic equation are given, respectively, as:

- Ans
- ☒ 1. $pqx^2 + q^2x + pr^2$ and $q^4 - 4p^2r^2q$
 - ☒ 2. $pqx^2 - q^2x + pr^2 = 0$ and $q^4 - 4p^2r^2q$
 - ☒ 3. $pqx^2 - q^2x + pr^2 = 0$ and $q^4 + 4p^2r^2q$
 - ☒ 4. $pqx^2 + q^2x + pr^2 = 0$ and $q^2 - 4p^2r^2$

Question ID : 75189713387

Option 1 ID : 75189753548

Option 2 ID : 75189753547

Option 3 ID : 75189753546

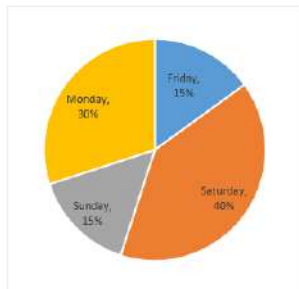
Option 4 ID : 75189753545

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

Chosen Option : --

Q.58 Study the given pie-chart and answer the question that follows.

The pie-chart depicts the percentage of children who visited a playground on 4 days, out of the total number of children (which is 40) who visited the playground on the given 4 days together.



If the price of the entry ticket for the playground was ₹25 for each child, what was the amount collected on Sunday?

- Ans**
- ☒ 1. ₹200
 - ☒ 2. ₹300
 - ☒ 3. ₹150
 - ☒ 4. ₹250

Question ID : 75189713676

Option 1 ID : 75189754702

Option 2 ID : 75189754704

Option 3 ID : 75189754703

Option 4 ID : 75189754701

Status : Answered

Chosen Option : 3

Q.59 The length of a conducting wire is 1 km and its radius of cross section is 7 mm. A resistor of resistance $10\ \Omega$ is made out of this wire. The resistivity of this conductor will be _____.

- Ans**
- ☒ 1. $1.54 \times 10^{-6}\ \Omega\text{-m}$
 - ☒ 2. $7 \times 10^{-6}\ \Omega\text{-m}$
 - ☒ 3. $1 \times 10^{-6}\ \Omega\text{-m}$
 - ☒ 4. $2.22 \times 10^{-6}\ \Omega\text{-m}$

Question ID : 75189714106

Option 1 ID : 75189756422

Option 2 ID : 75189756423

Option 3 ID : 75189756424

Option 4 ID : 75189756421

Status : Not Answered

Chosen Option : --

Q.60 Six teachers are sitting around a circular table facing the centre. Tommy is sitting second to the right of Priya. Oliver is sitting second to the left of Kavita. Oliver is an immediate neighbour of both Priya and Veena. Sagar is sitting second to the right of Kavita. Who is an immediate neighbour of both Sagar and Kavita?

- Ans**
- ☒ 1. Priya
 - ☒ 2. Veena
 - ☒ 3. Oliver
 - ☒ 4. Tommy

Question ID : 75189713017

Option 1 ID : 75189752065

Option 2 ID : 75189752066

Option 3 ID : 75189752068

Option 4 ID : 75189752067

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

Chosen Option : --

Q.61 Who among the following extends the jurisdiction of a High Court to, or excludes it from, any union territory?

- Ans**
- ☒ 1. Parliament by law
 - ☒ 2. The Chief Justice of India
 - ☒ 3. The President of India
 - ☒ 4. Legislature of the State in which the High Court is situated

Question ID : 75189712527

Option 1 ID : 75189750108

Option 2 ID : 75189750106

Option 3 ID : 75189750107

Option 4 ID : 75189750105

Status : **Answered**

Chosen Option : 2

Q.62 The Sunderbans Biosphere Reserve is located in which of the following states?

- Ans**
- ☒ 1. Odisha
 - ☒ 2. West Bengal
 - ☒ 3. Sikkim
 - ☒ 4. Madhya Pradesh

Question ID : 75189712413

Option 1 ID : 75189749651

Option 2 ID : 75189749650

Option 3 ID : 75189749649

Option 4 ID : 75189749652

Status : **Answered**

Chosen Option : 2

Q.63 Which of the following compounds is cyclic and unsaturated?

- Ans ☒ 1. Benzene
☐ 2. Cyclohexane
☐ 3. Ethane
☐ 4. Cyclopropane

Question ID : 75189715080

Option 1 ID : 75189760318

Option 2 ID : 75189760320

Option 3 ID : 75189760317

Option 4 ID : 75189760319

Status : Not Answered

Chosen Option : --

Q.64 Throbbing movements called pulse is felt due to:

- Ans ☐ 1. blood flowing in the veins
☐ 2. blood flowing in the lungs
☒ 3. blood flowing in the arteries
☐ 4. blood flowing in the heart

Question ID : 75189714853

Option 1 ID : 75189759410

Option 2 ID : 75189759412

Option 3 ID : 75189759409

Option 4 ID : 75189759411

Status : Not Answered

Chosen Option : --

Q.65 Select the option that is related to the fifth term in the same way as the fourth term is related to the third term and the second term is related to the first term.

SPACE : URCEG :: PLANET : RNCPGV :: MACHINE : ?

- Ans ☒ 1. OCEJKPG
☐ 2. KYAJKPG
☐ 3. KYAFGLC
☐ 4. OCEFGPG

Question ID : 7518979768

Option 1 ID : 75189739069

Option 2 ID : 75189739071

Option 3 ID : 75189739072

Option 4 ID : 75189739070

Status : Answered

Chosen Option : 1

Q.66 'X' gas is produced during the electrolysis of brine. Then, 'X' gas is used in dry slaked lime to produce CaOCl_2 . What is 'X'?

- Ans**
- ☒ 1. Sulphur
 - ☒ 2. Hydrogen
 - ☒ 3. Nitrogen
 - ☒ 4. Chlorine

Question ID : **75189714787**

Option 1 ID : **75189759148**

Option 2 ID : **75189759146**

Option 3 ID : **75189759147**

Option 4 ID : **75189759145**

Status : **Not Answered**

Chosen Option : --

Q.67 Amongst six friends P, Q, R, S, T and U, each has a different height. P is taller than only three other friends. R is taller than only one friend. S is taller than R but shorter than U. T is taller than U. Who is the second tallest among all the friends?

- Ans**
- ☒ 1. Q
 - ☒ 2. U
 - ☒ 3. T
 - ☒ 4. S

Question ID : **75189713910**

Option 1 ID : **75189755637**

Option 2 ID : **75189755639**

Option 3 ID : **75189755640**

Option 4 ID : **75189755638**

Status : **Answered**

Chosen Option : **3**

Q.68 Select the number from among the given options that can replace the question mark (?) in the following series.
233, 404, 575, 746, 917, ?

- Ans**
- ☒ 1. 1079
 - ☒ 2. 1089
 - ☒ 3. 1088
 - ☒ 4. 1078

Question ID : **75189714135**

Option 1 ID : **75189756539**

Option 2 ID : **75189756540**

Option 3 ID : **75189756538**

Option 4 ID : **75189756537**

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

Chosen Option : --

Q.69 Which of the following numbers will replace the question mark (?) in the given series?

0, 7, 26, 63, 124, 215, ?

Ans ✓ 1. 342

✗ 2. 343

✗ 3. 340

✗ 4. 344

Question ID : 75189711603

Option 1 ID : 75189746409

Option 2 ID : 75189746410

Option 3 ID : 75189746412

Option 4 ID : 75189746411

Status : Answered

Chosen Option : 1

Q.70 If $\cot^4 x + \cot^2 x = 1$, then the value of $\operatorname{cosec}^4 x - \operatorname{cosec}^2 x$ is:

Ans ✓ 1. 1

✗ 2. 2

✗ 3. 4

✗ 4. -1

Question ID : 75189713417

Option 1 ID : 75189753668

Option 2 ID : 75189753666

Option 3 ID : 75189753665

Option 4 ID : 75189753667

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.71 The Microfinance Institutions Network (MFIN) was recognised by the Reserve Bank of India (RBI) as India's first Self-Regulatory Organization (SRO) for Non-Banking Financial Company-Micro Finance Institutions (NBFC-MFI) in _____.

Ans ✗ 1. 2015

✗ 2. 2018

✗ 3. 2017

✓ 4. 2014

Question ID : 7518978549

Option 1 ID : 75189734196

Option 2 ID : 75189734194

Option 3 ID : 75189734193

Option 4 ID : 75189734195

Status : Not Answered

Chosen Option : --

Q.72 All 29 students of a class are standing in a straight row facing north. Suresh is 24th from the right end, while Bhaskar is 16th from the left end. How many students stand between Suresh and Bhaskar?

- Ans**
- ✓ 1. 9
 - ✗ 2. 6
 - ✗ 3. 12
 - ✗ 4. 14

Question ID : 75189714457

Option 1 ID : 75189757827

Option 2 ID : 75189757828

Option 3 ID : 75189757825

Option 4 ID : 75189757826

Status : **Marked For Review**

Chosen Option : 1

Q.73 In February 2022, who was appointed as the new director of the Vikram Sarabhai Space Centre (VSSC)?

- Ans**
- ✗ 1. S Somnath
 - ✓ 2. Dr. S. Unnikrishnan Nair
 - ✗ 3. Dr. K Sivan
 - ✗ 4. G Ashok Kumar

Question ID : 7518973763

Option 1 ID : 75189715049

Option 2 ID : 75189715050

Option 3 ID : 75189715052

Option 4 ID : 75189715051

Status : **Answered**

Chosen Option : 2

Q.74 Two numbers are in the ratio 5 : 7. If the sum of the numbers is 108, find the smaller number.

- Ans**
- ✗ 1. 42
 - ✗ 2. 47
 - ✗ 3. 36
 - ✓ 4. 45

Question ID : 75189712951

Option 1 ID : 75189751802

Option 2 ID : 75189751804

Option 3 ID : 75189751801

Option 4 ID : 75189751803

Status : **Answered**

Chosen Option : 4

Q.75 The average speed of a car for a given 4-hour journey is 60 km/h. If it travels at 65 km/h for the first 2 hours, then the speed of the car in the next 2 hours is:

- Ans**
- ✓ 1. 55 km/h
 - ✗ 2. 50 km/h
 - ✗ 3. 53 km/h
 - ✗ 4. 60 km/h

Question ID : **75189713444**

Option 1 ID : **75189753775**

Option 2 ID : **75189753773**

Option 3 ID : **75189753774**

Option 4 ID : **75189753776**

Status : **Answered**

Chosen Option : 1

Q.76 Which of the following is the consumer complaint body of the Advertising Standards Council of India (ASCI)?

- Ans**
- ✗ 1. Consumer Complaints Committee (CCC)
 - ✓ 2. Consumer Complaints Council (CCC)
 - ✗ 3. Consumer Complaints Commission (CCC)
 - ✗ 4. Consumer Complaints Company (CCC)

Question ID : **75189712458**

Option 1 ID : **75189749832**

Option 2 ID : **75189749829**

Option 3 ID : **75189749830**

Option 4 ID : **75189749831**

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

Chosen Option : --

Q.77 Which of the following states or union territories has zero per cent forest area?

- Ans**
- ✗ 1. Chandigarh
 - ✗ 2. Haryana
 - ✗ 3. Goa
 - ✓ 4. Lakshadweep

Question ID : **75189712412**

Option 1 ID : **75189749647**

Option 2 ID : **75189749648**

Option 3 ID : **75189749645**

Option 4 ID : **75189749646**

Status : **Answered**

Chosen Option : 1

Q.78 From which of the following places was the Polar Satellite Launch Vehicle PSLV-C52 launched with EOS-04 Satellite?

- Ans**
- ☒ 1. Bhubaneswar
 - ☒ 2. Thiruvananthapuram
 - ☒ 3. Sriharikota
 - ☒ 4. Thumba

Question ID : **75189712435**
Option 1 ID : **75189749737**
Option 2 ID : **75189749739**
Option 3 ID : **75189749738**
Option 4 ID : **75189749740**
Status : **Answered**
Chosen Option : **3**

Q.79 All 32 students of a class are standing in a straight row facing north. Anand is 6th from the right end, while Meena is 14th from the left end. How many students stand between Anand and Meena?

- Ans**
- ☒ 1. 13
 - ☒ 2. 10
 - ☒ 3. 12
 - ☒ 4. 8

Question ID : **75189714453**
Option 1 ID : **75189757810**
Option 2 ID : **75189757812**
Option 3 ID : **75189757811**
Option 4 ID : **75189757809**
Status : **Answered**
Chosen Option : **3**

Q.80 Which Commission was formed by the Government of India to investigate the Jallianwala Bagh incident of 1919?

- Ans**
- ☒ 1. Fraser Commission
 - ☒ 2. Babington Smith Commission
 - ☒ 3. Butler Commission
 - ☒ 4. Hunter Commission

Question ID : **75189712355**
Option 1 ID : **75189749418**
Option 2 ID : **75189749417**
Option 3 ID : **75189749420**
Option 4 ID : **75189749419**
Status : **Not Answered**
Chosen Option : **--**

Q.81 Six boxes are kept vertically one above the other. F is kept at an even numbered position from the top but not at the 2nd position. B is kept at the bottommost position. Only one box is kept between F and E. C is kept immediately above F. F is kept immediately above A. What is the position of box A from the bottom?

- Ans**
- ☐ 1. 4th
 - ☐ 2. 3rd
 - ☐ 3. 5th
 - ☒ 4. 2nd

Question ID : **75189713180**

Option 1 ID : **75189752717**

Option 2 ID : **75189752719**

Option 3 ID : **75189752720**

Option 4 ID : **75189752718**

Status : **Answered**

Chosen Option : **4**

Q.82 Which of the following Indian teams won the gold medal at the Commonwealth Games 2022, creating history by winning India's first ever gold in this event at the Commonwealth Games?

- Ans**
- ☒ 1. Women's fours lawn bowls team
 - ☐ 2. Women's hand ball team
 - ☐ 3. Women's tennis team
 - ☐ 4. Women's rugby sevens team

Question ID : **75189712554**

Option 1 ID : **75189750214**

Option 2 ID : **75189750215**

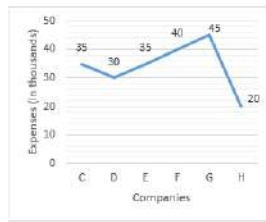
Option 3 ID : **75189750213**

Option 4 ID : **75189750216**

Status : **Answered**

Chosen Option : **1**

Q.83 The following line graph shows expenditure of different companies in the month of January. Study the graph and answer the question.



What is the respective ratio of the total expenditure of companies C, D and E together to the total expenditure of companies F, G and H together?

- Ans**
- ☒ 1. 21 : 11
 - ☒ 2. 11 : 21
 - ☒ 3. 100 : 101
 - ☒ 4. 20 : 21

Question ID : **75189715196**

Option 1 ID : **75189760784**

Option 2 ID : **75189760781**

Option 3 ID : **75189760782**

Option 4 ID : **75189760783**

Status : **Answered**

Chosen Option : **4**

Q.84 In the normal eye, the distance of the retina from the eye lens is 2.5 cm. The power of the eye lens when it is focussed at its near point 25 cm from the eye is :

- Ans**
- ☒ 1. 40 D
 - ☒ 2. 44 D
 - ☒ 3. 22 D
 - ☒ 4. 4 D

Question ID : **75189711281**

Option 1 ID : **75189745123**

Option 2 ID : **75189745122**

Option 3 ID : **75189745124**

Option 4 ID : **75189745121**

Status : **Not Answered**

Chosen Option : **--**

Q.85 In the set $\{61, 62, \dots, 100\}$, find the sum of the second largest and the second smallest primes.

- Ans**
- ☒ 1. 156
 - ☐ 2. 164
 - ☐ 3. 150
 - ☐ 4. 158

Question ID : 75189712920

Option 1 ID : 75189751678

Option 2 ID : 75189751680

Option 3 ID : 75189751677

Option 4 ID : 75189751679

Status : Answered

Chosen Option : 4

Q.86 Four bells toll at intervals of 2, 4, 6 and 8 seconds, respectively. They chimed together at 12 noon. How many times will they chime together in the next 50 minutes, excluding their chiming at 12 noon, but including the one at 12:50 p.m.?

- Ans**
- ☐ 1. 126
 - ☐ 2. 123
 - ☒ 3. 125
 - ☐ 4. 124

Question ID : 75189712929

Option 1 ID : 75189751716

Option 2 ID : 75189751713

Option 3 ID : 75189751715

Option 4 ID : 75189751714

Status : Answered

Chosen Option : 3

Q.87 If two parallel straight conductors are carrying current in the same direction, then the directions of the magnetic fields produced will be:

- Ans**
- ☐ 1. perpendicular to each other
 - ☒ 2. opposite to each other
 - ☐ 3. in random directions
 - ☐ 4. in the same direction

Question ID : 75189714093

Option 1 ID : 75189756371

Option 2 ID : 75189756370

Option 3 ID : 75189756372

Option 4 ID : 75189756369

Status : Answered

Chosen Option : 1

Q.88 6 kg of ₹48 per kg rice is mixed with 3 kg of another variety of rice to get a mixture costing ₹60 per kg. What is the price per kg of another variety rice in the mixture?

- Ans**
- ☒ 1. ₹64
 - ☒ 2. ₹72
 - ☒ 3. ₹84
 - ☒ 4. ₹80

Question ID : **75189712033**

Option 1 ID : **75189748131**

Option 2 ID : **75189748130**

Option 3 ID : **75189748132**

Option 4 ID : **75189748129**

Status : **Answered**

Chosen Option : **3**

Q.89 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 statements.

Statements:

All wires are metals

All metals are plastics

Some wires are coppers

Conclusions:

(I) Some coppers are metals

(II) Some plastics are coppers

(III) No copper is a plastic

- Ans**
- ☒ 1. Either conclusion I or III follows
 - ☒ 2. Only conclusions I and II follow
 - ☒ 3. Only conclusions II and III follow
 - ☒ 4. None of the conclusions follow

Question ID : **75189714517**

Option 1 ID : **75189758067**

Option 2 ID : **75189758065**

Option 3 ID : **75189758066**

Option 4 ID : **75189758068**

Status : **Answered**

Chosen Option : **2**

Q.90 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)

(18, 27, 225)

(15, 33, 240)

Ans ✓ 1. (30, 15, 225)

✗ 2. (22, 49, 568)

✗ 3. (33, 38, 568)

✗ 4. (25, 45, 560)

Question ID : 75189715190

Option 1 ID : 75189760760

Option 2 ID : 75189760757

Option 3 ID : 75189760759

Option 4 ID : 75189760758

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

Chosen Option : --

Q.91 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 statements.

Statements:

All potatoes are tomatoes.

All tomatoes are brinjals.

All brinjals are onions.

Conclusions:

(I) Some onions are potatoes

(II) All tomatoes are potatoes

(III) No tomato is a potato

Ans ✗ 1. Either conclusion I or III follows

✗ 2. None of the conclusions follow

✗ 3. Only conclusion II follows

✓ 4. Only conclusion I follows

Question ID : 75189714521

Option 1 ID : 75189758083

Option 2 ID : 75189758084

Option 3 ID : 75189758082

Option 4 ID : 75189758081

Status : **Answered**

Chosen Option : 4

Q.92 In a certain code language, 'PROUD' is written as 'RPQSF' and 'FLICK' is written as 'HJKAM'. How will 'TEMPT' be written in that language?

- Ans**
- ☒ 1. VNOCV
 - ☒ 2. UDOOU
 - ☒ 3. VCONV
 - ☒ 4. UCNNU

Question ID : 75189714479

Option 1 ID : 75189757915

Option 2 ID : 75189757916

Option 3 ID : 75189757913

Option 4 ID : 75189757914

Status : Answered

Chosen Option : 3

Q.93 The rate at which electrical energy is dissipated in an electric circuit is called _____.

- Ans**
- ☒ 1. electric heat
 - ☒ 2. electric power
 - ☒ 3. electric force
 - ☒ 4. electric work

Question ID : 75189713833

Option 1 ID : 75189755330

Option 2 ID : 75189755329

Option 3 ID : 75189755332

Option 4 ID : 75189755331

Status : Answered

Chosen Option : 2

Q.94 In the Republic Day Parade 2022, which state's theme of the tableau was based on Anglo-Abor (Adi) wars?

- Ans**
- ☒ 1. Tripura
 - ☒ 2. Sikkim
 - ☒ 3. Arunachal Pradesh
 - ☒ 4. Assam

Question ID : 75189713987

Option 1 ID : 75189755948

Option 2 ID : 75189755946

Option 3 ID : 75189755945

Option 4 ID : 75189755947

Status : Not Answered

Chosen Option : --

Q.95 Refer to the following letter series and answer the question.

(Left) GHUBQRPMENSTAVLMA (Right)

How many vowels are immediately preceded by a consonant and also immediately followed by a consonant?

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

Question ID : **75189713210**

Option 1 ID : **75189752838**

Option 2 ID : **75189752840**

Option 3 ID : **75189752837**

Option 4 ID : **75189752839**

Status : **Answered**

Chosen Option : **3**

Q.96 Suppose a satellite is 10^2 km above the ground and it is used to take high resolution images of objects. If a concave mirror is used to form a primary image of an object of size 1.0 m and if the image size is $5\ \mu\text{m}$ and it is inverted, then the principal focus of the concave mirror should be:

- Ans
- ☒ 1. +1.0 m
 - ☒ 2. +0.50 m
 - ☒ 3. -1.0 m
 - ☒ 4. -0.5 m

Question ID : **75189712187**

Option 1 ID : **75189748745**

Option 2 ID : **75189748747**

Option 3 ID : **75189748748**

Option 4 ID : **75189748746**

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

Chosen Option : **--**

Q.97 Six friends, A, B, C, D, E, and F are sitting around a circular table facing the centre. E is the immediate neighbour of B and D. F is to the immediate right of B, and second to the left of C. Where is A seated?

- Ans
- ☒ 1. To the immediate right of F
 - ☒ 2. Second to the right of D
 - ☒ 3. Third to the left of B
 - ☒ 4. To the immediate right of C

Question ID : **75189714890**

Option 1 ID : **75189759559**

Option 2 ID : **75189759557**

Option 3 ID : **75189759558**

Option 4 ID : **75189759560**

Status : **Answered**

Chosen Option : **1**

Q.98 Select the correct increasing order of atomic radii.

- Ans
- ☒ 1. $B < Be < Rb < Li$
 - ☒ 2. $Li < B < Be < Rb$
 - ☒ 3. $B < Be < Li < Rb$
 - ☒ 4. $Li < Be < B < Rb$

Question ID : 75189714703

Option 1 ID : 75189758810

Option 2 ID : 75189758811

Option 3 ID : 75189758809

Option 4 ID : 75189758812

Status : Answered

Chosen Option : 4

Q.99 If $x = 2$, then find the value of $\sqrt{(4x)(x) + 4x + 1} + 5x$.

- Ans
- ☒ 1. 13
 - ☒ 2. 15
 - ☒ 3. 9
 - ☒ 4. 17

Question ID : 75189712904

Option 1 ID : 75189751614

Option 2 ID : 75189751615

Option 3 ID : 75189751613

Option 4 ID : 75189751616

Status : Answered

Chosen Option : 2

Q.100 Which of the following statements is/are correct?

- A) pH value of saliva: 6.2 – 8
- B) pH value of pure blood : 7.35 – 7.45
- C) pH value of pure water: 9

- Ans
- ☒ 1. Only B
 - ☒ 2. B and C
 - ☒ 3. Only C
 - ☒ 4. A and B

Question ID : 75189713965

Option 1 ID : 75189755858

Option 2 ID : 75189755860

Option 3 ID : 75189755859

Option 4 ID : 75189755857

Status : Answered

Chosen Option : 4

