



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	Dr. Ghanshyam Singh College Of Education
Test Date	22/09/2022
Test Time	5:00 PM - 6:30 PM
Subject	Level 1

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : Level 1

Q.1 When was the Regulating Act passed by the British Parliament to regulate the activities of the East India Company?

Ans ☒ 1. 1875

☒ 2. 1773

☒ 3. 1861

☒ 4. 1793

Question ID : 75189712353

Option 1 ID : 75189749412

Option 2 ID : 75189749409

Option 3 ID : 75189749411

Option 4 ID : 75189749410

Status : Answered

Chosen Option : 2

Q.2 According to Newlands, how many elements existed in nature?

Ans ☒ 1. 66

☒ 2. 56

☒ 3. 86

☒ 4. 76

Question ID : 7518979677

Option 1 ID : 75189738706

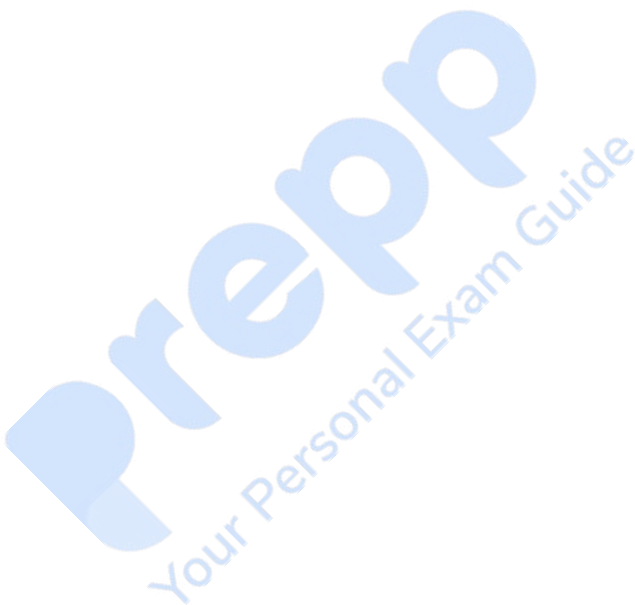
Option 2 ID : 75189738705

Option 3 ID : 75189738708

Option 4 ID : 75189738707

Status : Answered

Chosen Option : 2



Q.3 Suppose a beam of light of average wavelength 600 nm is incident on a glass prism from air, and on entering into the prism, it splits into different colours. One of the colours has wavelength 380 nm. The refractive index of the medium for this particular wavelength is:

- Ans**
- ✓ 1. 1.58
 - ✗ 2. 1.42
 - ✗ 3. 1.73
 - ✗ 4. 1.33

Question ID : **75189711300**

Option 1 ID : **75189745199**

Option 2 ID : **75189745198**

Option 3 ID : **75189745200**

Option 4 ID : **75189745197**

Status : **Answered**

Chosen Option : 1

Q.4 Two statement are given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statements.

Statement: $S = M > Z > X$, $A > B = M$

- Ans**
- ✗ 1. $B < Z$
 - ✓ 2. $X < A$
 - ✗ 3. $Z > A$
 - ✗ 4. $S > A$

Question ID : **7518979727**

Option 1 ID : **75189738908**

Option 2 ID : **75189738905**

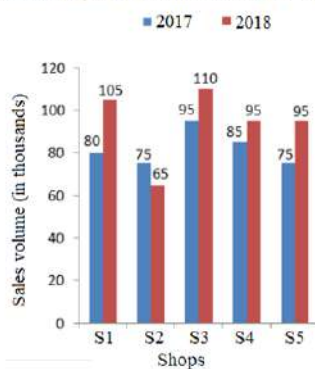
Option 3 ID : **75189738906**

Option 4 ID : **75189738907**

Status : **Answered**

Chosen Option : 2

Q.5 Study the graph and answer the question that follows. The following bar chart shows the sales volume of Philips bulbs (in thousand) from five different electric shops in a city during two years 2017 and 2018.



What is the average sales volume of Philips bulbs (in numbers) from all the shops for the year 2017?

- Ans**
- ✓ 1. 82000
 - ✗ 2. 80000
 - ✗ 3. 83000
 - ✗ 4. 81000

Question ID : 75189711653

Option 1 ID : 75189746611

Option 2 ID : 75189746609

Option 3 ID : 75189746612

Option 4 ID : 75189746610

Status : Answered

Chosen Option : 1

Q.6 Which of the given options would result in an increase in gross fiscal deficit?

- Ans**
- ✗ 1. Decrease in borrowings from RBI
 - ✗ 2. Increase in revenue receipts
 - ✓ 3. Decrease in revenue receipts
 - ✗ 4. Decrease in borrowings from abroad

Question ID : 75189712110

Option 1 ID : 75189748440

Option 2 ID : 75189748437

Option 3 ID : 75189748439

Option 4 ID : 75189748438

Status : Not Answered

Chosen Option : --

Q.7 Refer to the following number and symbol series and answer the question.

Note: The numbers are to be considered as a whole and should not be split into its constituent digits.

+ 25 @ 36 # 29 37 % 14 - 7

How many symbols have a prime number as an immediate neighbour on either of its sides?

Ans ✓ 1. 3

✗ 2. 4

✗ 3. 1

✗ 4. 2

Question ID : 7518979755

Option 1 ID : 75189739019

Option 2 ID : 75189739020

Option 3 ID : 75189739017

Option 4 ID : 75189739018

Status : Answered

Chosen Option : 1

Q.8 Which of the following is NOT an example of combination reaction?

Ans ✗ 1. Formation of slaked lime

✗ 2. Formation of water from hydrogen gas and oxygen gas

✗ 3. Burning of coal

✓ 4. Heating of calcium carbonate

Question ID : 75189711865

Option 1 ID : 75189747460

Option 2 ID : 75189747459

Option 3 ID : 75189747458

Option 4 ID : 75189747457

Status : Answered

Chosen Option : 4

Q.9 How many such pairs of letters are there in the word DANCER (in both forward and backward directions) which have as many letters between them as there are in the English alphabetical order?

Ans ✗ 1. None

✗ 2. Three

✓ 3. One

✗ 4. Two

Question ID : 75189710832

Option 1 ID : 75189743325

Option 2 ID : 75189743328

Option 3 ID : 75189743326

Option 4 ID : 75189743327

Status : Answered

Chosen Option : 3

Q.10 Which of the following numbers will replace the question mark (?) in the given series?

28, 42, 59, 81, 110, ?, 197

Ans ✓ 1. 148

✗ 2. 153

✗ 3. 163

✗ 4. 159

Question ID : **7518977715**

Option 1 ID : **75189730857**

Option 2 ID : **75189730859**

Option 3 ID : **75189730860**

Option 4 ID : **75189730858**

Status : **Answered**

Chosen Option : **1**

Q.11 In a certain code language, 'SCOPE' is written as 'JZNMX' and 'GAMUT' is written as 'VBPHI'. How will 'RANGE' be written in that language?

Ans ✓ 1. KBOVX

✗ 2. LBOVX

✗ 3. KBPVX

✗ 4. KBOVW

Question ID : **75189710871**

Option 1 ID : **75189743482**

Option 2 ID : **75189743483**

Option 3 ID : **75189743484**

Option 4 ID : **75189743481**

Status : **Not Answered**

Chosen Option : **--**

Q.12 In which of the following places is the cellulose of food digested by the action of certain bacteria in animals like horses, rabbit, etc.?

Ans ✓ 1. Caecum

✗ 2. Stomach

✗ 3. Oesophagus

✗ 4. Small intestine

Question ID : **75189710185**

Option 1 ID : **75189740739**

Option 2 ID : **75189740737**

Option 3 ID : **75189740740**

Option 4 ID : **75189740738**

Status : **Answered**

Chosen Option : **2**

Q.13 Eight friends, Hari, Ganpati, Falak, Ekta, Janak, Rohit, Mangesh and Tony, are sitting around a round table, facing the centre of the table but not necessarily in the same order. Janak is sitting third to the right of Mangesh, who is not an immediate neighbour of either Falak or Tony. Falak is sitting second to the left of Tony, who is sitting third to the left of Hari. Ganpati is sitting fourth to the right of Tony. Ekta is sitting second to the left of Hari.

Who is second to the right of Janak?

- Ans**
- ☒ 1. Falak
 - ☒ 2. Rohit
 - ☒ 3. Ekta
 - ☒ 4. Tony

Question ID : **75189711420**

Option 1 ID : **75189745678**

Option 2 ID : **75189745679**

Option 3 ID : **75189745677**

Option 4 ID : **75189745680**

Status : **Not Answered**

Chosen Option : --

Q.14 Find the value of $5432.5678 + 435.692 + 29.54 + 6.3 + 0.4321$.

- Ans**
- ☒ 1. 6004.5319
 - ☒ 2. 5904.5319
 - ☒ 3. 5904.5391
 - ☒ 4. 5900.5329

Question ID : **75189712005**

Option 1 ID : **75189748018**

Option 2 ID : **75189748017**

Option 3 ID : **75189748020**

Option 4 ID : **75189748019**

Status : **Answered**

Chosen Option : **2**

Q.15 In January 2022, which of the following states has decided to increase the age of retirement from 60 to 62 years?

- Ans**
- ☒ 1. Delhi
 - ☒ 2. Rajasthan
 - ☒ 3. Andhra Pradesh
 - ☒ 4. Himachal Pradesh

Question ID : **75189710570**

Option 1 ID : **75189742280**

Option 2 ID : **75189742278**

Option 3 ID : **75189742277**

Option 4 ID : **75189742279**

Status : **Not Answered**

Chosen Option : --

Q.16 Eight people live on different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 8. Only 4 people live above Aditya. Anu lives on the sixth floor. Only two people live between Anu and Shubham. Ravi lives immediately above Deep. Diksha lives immediately below Sakshi. Sakshi lives on the topmost floor. On which floor does Deep live?

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

Question ID : **75189710982**

Option 1 ID : **75189743925**

Option 2 ID : **75189743926**

Option 3 ID : **75189743927**

Option 4 ID : **75189743928**

Status : **Answered**

Chosen Option : 1

Q.17 Which of the following is a major event in plants during day time?

- Ans**
- ☐ 1. CO₂ release
 - ☐ 2. O₃ release
 - ☒ 3. O₂ release
 - ☐ 4. CO release

Question ID : **75189710163**

Option 1 ID : **75189740649**

Option 2 ID : **75189740652**

Option 3 ID : **75189740650**

Option 4 ID : **75189740651**

Status : **Answered**

Chosen Option : 3

Q.18 In a classroom, the number of boys and the number of girls are initially equal. 8 girls left to play ring tennis, leaving twice as many boys as girls in the classroom. The total number of girls and boys present initially were _____.

- Ans**
- ☐ 1. 34
 - ☒ 2. 32
 - ☐ 3. 24
 - ☐ 4. 26

Question ID : **75189711969**

Option 1 ID : **75189747875**

Option 2 ID : **75189747876**

Option 3 ID : **75189747874**

Option 4 ID : **75189747873**

Status : **Answered**

Chosen Option : 2

Q.19 Amongst six people, P, Q, R, S, T and U, each has a different weight. R is heavier than T. U is lighter than P. Q is lighter than T but heavier than S. S is heavier than P. Who is the heaviest amongst them?

- Ans**
- ☒ 1. P
 - ☒ 2. T
 - ☒ 3. R
 - ☒ 4. Q

Question ID : 75189711013

Option 1 ID : 75189744051

Option 2 ID : 75189744049

Option 3 ID : 75189744052

Option 4 ID : 75189744050

Status : Answered

Chosen Option : 3

Q.20 Lines $\vec{l} \parallel \vec{m} \parallel \vec{n}$ and $\vec{p}, \vec{q}$ are transversals of $\vec{l}, \vec{m}$ and $\vec{n}$.

$\vec{p}$ intersects lines $\vec{l}, \vec{m}$ and $\vec{n}$ at the points A, B and C respectively, while

$\vec{q}$ intersects lines $\vec{l}, \vec{m}$ and $\vec{n}$ at the points D, E and F respectively.

If $m(\overline{AB}) = m(\overline{DE})$, then which of the following is correct?

- Ans**
- ☒ 1. $m(\overline{BC}) = m(\overline{EF})$
 - ☒ 2. $m(\overline{AD}) = m(\overline{DF})$
 - ☒ 3. $m(\overline{CE}) = m(\overline{DF})$
 - ☒ 4. $m(\overline{BD}) = m(\overline{CE})$

Question ID : 75189711819

Option 1 ID : 75189747273

Option 2 ID : 75189747276

Option 3 ID : 75189747275

Option 4 ID : 75189747274

Status : Answered

Chosen Option : 1

Q.21 Who propounded the theory of 'Advaita' in Hinduism?

- Ans**
- ☒ 1. Ramanand
 - ☒ 2. Vallabhacharya
 - ☒ 3. Ramanuj
 - ☒ 4. Adi Sankaracharya

Question ID : 75189712145

Option 1 ID : 75189748579

Option 2 ID : 75189748580

Option 3 ID : 75189748578

Option 4 ID : 75189748577

Status : Answered

Chosen Option : 2

Q.22 A certain sum invested at 12% simple interest per annum after 5 years yields an interest of ₹19,200. What is the sum invested?

- Ans**
- ✓ 1. ₹32,000
 - ✗ 2. ₹28,000
 - ✗ 3. ₹38,000
 - ✗ 4. ₹30,000

Question ID : 75189712026

Option 1 ID : 75189748102

Option 2 ID : 75189748104

Option 3 ID : 75189748101

Option 4 ID : 75189748103

Status : Answered

Chosen Option : 1

Q.23 Consider an equilateral glass prism on which a ray of light incident at an angle θ and passes through the prism in such a way that the refracted ray inside the prism is parallel to its base and emerges at an angle of emergence β . Which of the following is true?

- Ans**
- ✗ 1. $\theta = -\beta$
 - ✗ 2. $\theta = 2\beta$
 - ✓ 3. $\theta = \beta$
 - ✗ 4. $\theta = -2\beta$

Question ID : 75189711297

Option 1 ID : 75189745185

Option 2 ID : 75189745188

Option 3 ID : 75189745186

Option 4 ID : 75189745187

Status : Answered

Chosen Option : 3

Q.24 Three statements are given, followed by four conclusions numbered I, II, III and IV. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Decide which of the given conclusions logically follow/s from the given statements.

Statements:

Some cisterns are ponds.
All ponds are streets.
Some streets are cisterns.

Conclusions:

I. Some streets are ponds.
II. All cisterns are streets.
III. All ponds are cisterns.
IV. No street is a cistern.

- Ans**
- ☒ 1. Only conclusions II and III follow.
 - ☒ 2. Only conclusions I and IV follow.
 - ☒ 3. Only conclusion IV follows.
 - ☒ 4. Only conclusion I follows.

Question ID : 75189711475

Option 1 ID : 75189745898

Option 2 ID : 75189745899

Option 3 ID : 75189745900

Option 4 ID : 75189745897

Status : Answered

Chosen Option : 4

Q.25 What is the nature of washing soda?

- Ans**
- ☒ 1. Basic
 - ☒ 2. Amphoteric
 - ☒ 3. Neutral
 - ☒ 4. Mild acidic

Question ID : 75189710369

Option 1 ID : 75189741474

Option 2 ID : 75189741476

Option 3 ID : 75189741475

Option 4 ID : 75189741473

Status : Answered

Chosen Option : 1

Q.26 The value of $\left(\frac{1}{\sec^2 \theta - \cos^2 \theta} + \frac{1}{\operatorname{cosec}^2 \theta - \sin^2 \theta}\right) (\sin^2 \theta \cos^2 \theta)$

Ans

✗ 1. $\frac{1 + \cos^2 \theta \sin^2 \theta}{2 - \cos^2 \theta \sin^2 \theta}$

✗ 2. $\frac{1 + \cos^2 \theta \sin^2 \theta}{2 + \cos^2 \theta \sin^2 \theta}$

✓ 3. $\frac{1 - \cos^2 \theta \sin^2 \theta}{2 + \cos^2 \theta \sin^2 \theta}$

✗ 4. $\frac{1 - \cos^2 \theta \sin^2 \theta}{2 - \cos^2 \theta \sin^2 \theta}$

Question ID : 75189711828

Option 1 ID : 75189747310

Option 2 ID : 75189747311

Option 3 ID : 75189747309

Option 4 ID : 75189747312

Status : Answered

Chosen Option : 3

Q.27 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:

Sale up to 70% on all clothing items in the store and online.

Conclusions:

- I. All clothing items are 70% off during the sale period.
- II. There are some clothing items that are not on sale.

Ans

✓ 1. Neither conclusion I nor II follows

✗ 2. Only conclusion II follows

✗ 3. Only conclusion I follows

✗ 4. Both conclusions I and II follow

Question ID : 75189711703

Option 1 ID : 75189746811

Option 2 ID : 75189746810

Option 3 ID : 75189746809

Option 4 ID : 75189746812

Status : Answered

Chosen Option : 1

Q.28 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.

56 : 8 :: 84 : 12 :: 42 : 6 :: 14 : ?

- Ans**
- ☒ 1. 42
 - ☒ 2. 7
 - ☒ 3. 2
 - ☒ 4. 98

Question ID : 75189711070

Option 1 ID : 75189744280

Option 2 ID : 75189744277

Option 3 ID : 75189744278

Option 4 ID : 75189744279

Status : Answered

Chosen Option : 4

Q.29 The WHO has found that young adolescents (ages 10-14) face a higher risk of complications and death as a result of pregnancy than other women. What is the most likely reason for higher MMR (maternal mortality rate) in young women?

- Ans**
- ☒ 1. Their body size is often too small to deliver a baby
 - ☒ 2. Their bodies do not support a foetus formation
 - ☒ 3. They are the group with the highest pregnancy rate
 - ☒ 4. They are ignorant or negligent about health guidelines

Question ID : 75189712287

Option 1 ID : 75189749147

Option 2 ID : 75189749146

Option 3 ID : 75189749145

Option 4 ID : 75189749148

Status : Answered

Chosen Option : 2

Q.30 The position of the image produced by a concave mirror when an object is placed at a distance such that light rays from the object are parallel to the principal axis is:

- Ans**
- ☒ 1. at a point between the principal focus and the centre of curvature
 - ☒ 2. at a point between the principal focus and pole
 - ☒ 3. at the principal focus
 - ☒ 4. at the position of the object itself

Question ID : 75189711141

Option 1 ID : 75189744563

Option 2 ID : 75189744562

Option 3 ID : 75189744561

Option 4 ID : 75189744564

Status : Answered

Chosen Option : 3

Q.31 India has been a WTO member since

- Ans**
- ☒ 1. 1998
 - ☒ 2. 1995
 - ☒ 3. 1996
 - ☒ 4. 1997

Question ID : 75189712496

Option 1 ID : 75189749984

Option 2 ID : 75189749981

Option 3 ID : 75189749982

Option 4 ID : 75189749983

Status : Answered

Chosen Option : 2

Q.32 Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

L G _ A L L _ F B L _ G F _ L L G F _ L

- Ans**
- ☒ 1. FFCCD
 - ☒ 2. FCGLD
 - ☒ 3. FLGDC
 - ☒ 4. FGLCD

Question ID : 7518979840

Option 1 ID : 75189739360

Option 2 ID : 75189739359

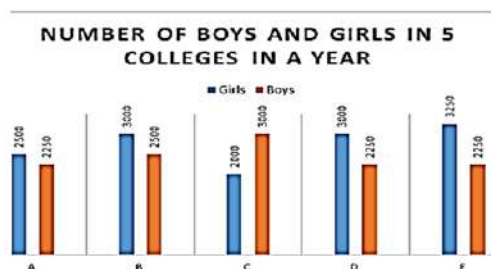
Option 3 ID : 75189739358

Option 4 ID : 75189739357

Status : Answered

Chosen Option : 4

Q.33 Below bar graph is the representation of the number of boys and girls studying in 5 different colleges in a given year. Study the bar graph and answer the questions.



The total number of girls studying in colleges D and E is what percentage of the total number of girls studying in colleges A, B and C?

- Ans**
- ✓ 1. 83.33 %
 - ✗ 2. 63.45%
 - ✗ 3. 66.60%
 - ✗ 4. 75 %

Question ID : 75189711407

Option 1 ID : 75189745628

Option 2 ID : 75189745625

Option 3 ID : 75189745626

Option 4 ID : 75189745627

Status : Answered

Chosen Option : 1

Q.34 If the 15 - digit number 4a5124356789734 is divisible by 9, then the value of "a" is _____.

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

Question ID : 75189712010

Option 1 ID : 75189748040

Option 2 ID : 75189748039

Option 3 ID : 75189748037

Option 4 ID : 75189748038

Status : Answered

Chosen Option : 3

Q.35 Which of the following numbers will replace the question mark (?) in the given series?

10, 121, 11, 144, 12, 169, 13, 196, 14, ?

- Ans**
- ☒ 1. 223
 - ☒ 2. 224
 - ☒ 3. 225
 - ☒ 4. 222

Question ID : **75189711609**

Option 1 ID : **75189746434**

Option 2 ID : **75189746435**

Option 3 ID : **75189746436**

Option 4 ID : **75189746433**

Status : **Answered**

Chosen Option : **3**

Q.36 Which programme or allocation head has emerged as the biggest beneficiary in the Union sports budget for the financial year 2022-23?

- Ans**
- ☒ 1. National Sports Federations
 - ☒ 2. National Sports Development Fund
 - ☒ 3. National Service Scheme
 - ☒ 4. Khelo India

Question ID : **75189712338**

Option 1 ID : **75189749351**

Option 2 ID : **75189749352**

Option 3 ID : **75189749350**

Option 4 ID : **75189749349**

Status : **Answered**

Chosen Option : **4**

Q.37 In triangle ABC, P, Q, and R are the mid points of its sides BC, CA, and AB, respectively. If the area of triangle PQR is 6 cm^2 , then the area of triangle ABC is:

- Ans**
- ☒ 1. 36 cm^2
 - ☒ 2. 12 cm^2
 - ☒ 3. 24 cm^2
 - ☒ 4. 18 cm^2

Question ID : **75189711824**

Option 1 ID : **75189747293**

Option 2 ID : **75189747294**

Option 3 ID : **75189747296**

Option 4 ID : **75189747295**

Status : **Answered**

Chosen Option : **3**

Q.38 The number of natural numbers between 18 and 78, both excluded, which are divisible by 6 is _____.

- Ans**
- ☐ 1. 10
 - ☐ 2. 11
 - ☐ 3. 12
 - ☒ 4. 9

Question ID : **75189711950**

Option 1 ID : **75189747797**

Option 2 ID : **75189747799**

Option 3 ID : **75189747800**

Option 4 ID : **75189747798**

Status : **Answered**

Chosen Option : **4**

Q.39 What is the role of cilia in the respiratory tract?

Ans ☐ 1.

They help to mix all the gases in the inhaled and exhaled air.

☒ 2.

Cilia sweep mucus from the lungs and airway towards the nose.

☐ 3.

Ciliated cells produce secretions to trap bacteria and viruses.

☐ 4. Dust particles in the inhaled air stick to the cilia.

Question ID : **75189710089**

Option 1 ID : **75189740353**

Option 2 ID : **75189740355**

Option 3 ID : **75189740356**

Option 4 ID : **75189740354**

Status : **Answered**

Chosen Option : **4**

Q.40 The nutrients are supplied to the foetus from the mother through:

Ans ☐ 1. cervix

☐ 2. zygote

☐ 3. endosperm

☒ 4. placenta

Question ID : **75189710236**

Option 1 ID : **75189740941**

Option 2 ID : **75189740942**

Option 3 ID : **75189740944**

Option 4 ID : **75189740943**

Status : **Answered**

Chosen Option : **4**

Q.41 Simplify $(7x - 1)^3 + (7x + 1)^3$.

- Ans
- ☐ 1. $-686x^3 + 42x$
 - ☐ 2. $-686x^3 - 42x$
 - ☐ 3. $686x^3 - 42x$
 - ☒ 4. $686x^3 + 42x$

Question ID : 75189712064

Option 1 ID : 75189748255

Option 2 ID : 75189748256

Option 3 ID : 75189748254

Option 4 ID : 75189748253

Status : Answered

Chosen Option : 4

Q.42 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 6513742678, how many digits will appear more than once in the new number thus formed?

- Ans
- ☐ 1. Two
 - ☐ 2. Six
 - ☒ 3. Four
 - ☐ 4. Five

Question ID : 75189711635

Option 1 ID : 75189746537

Option 2 ID : 75189746540

Option 3 ID : 75189746538

Option 4 ID : 75189746539

Status : Answered

Chosen Option : 3

Q.43 Surya participated in a marathon. From starting point he ran 11 km towards West, turned right and ran for 12 km and turned right again and ran 11 km and then turned right again and ran 9 km. How many kms he has to run now in order to reach the starting point from his present position to complete the marathon?

- Ans
- ☐ 1. 14 km
 - ☐ 2. 2 km
 - ☐ 3. 7 km
 - ☒ 4. 3 km

Question ID : 75189710890

Option 1 ID : 75189743560

Option 2 ID : 75189743557

Option 3 ID : 75189743559

Option 4 ID : 75189743558

Status : Answered

Chosen Option : 4

Q.44 Each of six teachers, J, K, L, M, N and O, have their classes 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. Only two teachers have classes before M's class. J has the class on Tuesday, and O has the class on Saturday. Only one teacher has the class after the class of K. N's class is not between the classes of K and M. Who among the following has the class on Monday?

- Ans**
- ☒ 1. L
 - ☒ 2. K
 - ☒ 3. N
 - ☒ 4. M

Question ID : **75189710749**

Option 1 ID : **75189742996**

Option 2 ID : **75189742993**

Option 3 ID : **75189742994**

Option 4 ID : **75189742995**

Status : **Answered**

Chosen Option : **3**

Q.45 Which of the following metals forms a green colour coating due to corrosion?

- Ans**
- ☒ 1. Iron
 - ☒ 2. Silver
 - ☒ 3. Copper
 - ☒ 4. Zinc

Question ID : **75189711889**

Option 1 ID : **75189747554**

Option 2 ID : **75189747553**

Option 3 ID : **75189747556**

Option 4 ID : **75189747555**

Status : **Answered**

Chosen Option : **3**

Q.46 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

2 : 18 :: 4 : 74 :: 9 : ?

- Ans**
- ☒ 1. 348
 - ☒ 2. 517
 - ☒ 3. 739
 - ☒ 4. 1005

Question ID : **75189711672**

Option 1 ID : **75189746688**

Option 2 ID : **75189746685**

Option 3 ID : **75189746687**

Option 4 ID : **75189746686**

Status : **Answered**

Chosen Option : **3**

Q.47 A sphere and a cube have the same surface area. The ratio of the volume of the sphere to that of the cube is:

- Ans**
- ☒ 1. $\sqrt{\pi} : \sqrt{6}$
 - ☒ 2. $\sqrt{6} : \sqrt{\pi}$
 - ☒ 3. $\sqrt{\pi} : 4\sqrt{3}$
 - ☒ 4. $4\sqrt{3} : \sqrt{\pi}$

Question ID : 75189711810

Option 1 ID : 75189747237

Option 2 ID : 75189747238

Option 3 ID : 75189747240

Option 4 ID : 75189747239

Status : **Not Answered**

Chosen Option : --

Q.48 The Twelfth Schedule of the Indian Constitution is related to powers, authority and responsibilities of _____.

- Ans**
- ☒ 1. States
 - ☒ 2. the Centre
 - ☒ 3. urban local bodies
 - ☒ 4. Panchayats

Question ID : 75189712431

Option 1 ID : 75189749723

Option 2 ID : 75189749724

Option 3 ID : 75189749722

Option 4 ID : 75189749721

Status : **Answered**

Chosen Option : 3

Q.49 Determine the positive value of 'k' for which the equations $x^2 + kx + 64 = 0$ and $x^2 - 8x + k = 0$ will both have real roots.

- Ans**
- ☒ 1. 15
 - ☒ 2. 17
 - ☒ 3. 16
 - ☒ 4. 14

Question ID : 75189711799

Option 1 ID : 75189747193

Option 2 ID : 75189747196

Option 3 ID : 75189747195

Option 4 ID : 75189747194

Status : **Answered**

Chosen Option : 3

Q.50 The ages of a father and his son together add up to 80 years. If the age of the son be doubled, it will exceed the father's age by 10 years. Find the present age of the son.

- Ans**
- ✓ 1. 30 years
 - ✗ 2. 50 years
 - ✗ 3. 35 years
 - ✗ 4. 40 years

Question ID : **75189711787**
 Option 1 ID : **75189747148**
 Option 2 ID : **75189747147**
 Option 3 ID : **75189747145**
 Option 4 ID : **75189747146**
 Status : **Not Answered**
 Chosen Option : --

Q.51 Which of the following Parts and Articles of the Constitution of India is related to Fundamental Duties?

- Ans**
- ✗ 1. Part V A (Article 52 A)
 - ✗ 2. Part VI A (Article 53 A)
 - ✗ 3. Part VI A (Article 51 A)
 - ✓ 4. Part IV A (Article 51 A)

Question ID : **75189712513**
 Option 1 ID : **75189750050**
 Option 2 ID : **75189750052**
 Option 3 ID : **75189750051**
 Option 4 ID : **75189750049**
 Status : **Answered**
 Chosen Option : 4

Q.52 Find the median of the following distribution.

x	1	2	3	4	5
f	5	7	4	8	2

- Ans**
- ✓ 1. 3
 - ✗ 2. 4
 - ✗ 3. 13
 - ✗ 4. 14

Question ID : **75189712057**
 Option 1 ID : **75189748226**
 Option 2 ID : **75189748227**
 Option 3 ID : **75189748225**
 Option 4 ID : **75189748228**
 Status : **Not Answered**
 Chosen Option : --

Q.53 Six classmates, Kanti, Manoj, Suman, Divya, Anuj and Mohit, are sitting around a square table facing the centre of the table (but not necessarily in the same order). All classmates are sitting at the sides of the table, nobody is sitting at the corners. Kanti is sitting on a side alone. Manoj and Suman are sitting on the same side of the table. Mohit is sitting alone on the opposite side of Kanti. Divya is sitting to the immediate left of Mohit. Anuj and Divya are sitting on the same side of the table. Suman is sitting second to the right of Divya.

Who is sitting to the immediate right of Kanti?

- Ans**
- ☒ 1. Mohit
 - ☒ 2. Anuj
 - ☒ 3. Manoj
 - ☒ 4. Divya

Question ID : **75189711426**

Option 1 ID : **75189745702**

Option 2 ID : **75189745703**

Option 3 ID : **75189745701**

Option 4 ID : **75189745704**

Status : **Answered**

Chosen Option : **3**

Q.54 $\sqrt{\frac{\sqrt{211600} + \sqrt{400}}{48000}}$ equals:

- Ans**
- ☒ 1. $\frac{1}{4}$
 - ☒ 2. $\frac{1}{10}$
 - ☒ 3. $\frac{1}{48}$
 - ☒ 4. $\frac{1}{12}$

Question ID : **75189712003**

Option 1 ID : **75189748009**

Option 2 ID : **75189748010**

Option 3 ID : **75189748012**

Option 4 ID : **75189748011**

Status : **Answered**

Chosen Option : **2**

Q.55 Simplify the given expression.

$$\frac{140 \times 140 + 280 \times 450 \div 3 + 150 \times 150}{290}$$

- Ans
- ☒ 1. 270
 - ☒ 2. 290
 - ☒ 3. 280
 - ☒ 4. 275

Question ID : 75189711707

Option 1 ID : 75189746826

Option 2 ID : 75189746827

Option 3 ID : 75189746825

Option 4 ID : 75189746828

Status : Answered

Chosen Option : 2

Q.56 On 24th March 2022 the Government of India Department of Biotechnology has launched Data-Driven Research to Eradicate which of the following disease?

- Ans
- ☒ 1. Malaria
 - ☒ 2. HIV-AIDS
 - ☒ 3. Tuberculosis
 - ☒ 4. Hepatitis B

Question ID : 75189712446

Option 1 ID : 75189749782

Option 2 ID : 75189749784

Option 3 ID : 75189749781

Option 4 ID : 75189749783

Status : Answered

Chosen Option : 3

Q.57 Who is the head of the Union Executive of the Government of India?

- Ans
- ☒ 1. The Chief Justice of India
 - ☒ 2. The Vice President
 - ☒ 3. The President
 - ☒ 4. The Prime Minister

Question ID : 7518974295

Option 1 ID : 75189717180

Option 2 ID : 75189717178

Option 3 ID : 75189717177

Option 4 ID : 75189717179

Status : Answered

Chosen Option : 3

Q.58 What will ₹80,000 amount to in one year at 12% per annum, if the interest is compounded half-yearly?

- Ans**
- ☐ 1. ₹88,888
 - ☐ 2. ₹92,450
 - ☐ 3. ₹1,00,352
 - ☒ 4. ₹89,888

Question ID : 75189712029

Option 1 ID : 75189748116

Option 2 ID : 75189748115

Option 3 ID : 75189748114

Option 4 ID : 75189748113

Status : Answered

Chosen Option : 4

Q.59 Which of the following companies has developed India's first mRNA-based vaccine against COVID-19, which was found to be safe and got the approval for phase II and III trials in the year 2021?

- Ans**
- ☐ 1. Serum Institute of India
 - ☐ 2. Bharat Biotech
 - ☐ 3. Wockhardt Ltd
 - ☒ 4. Gennova Biopharmaceuticals Ltd

Question ID : 75189712447

Option 1 ID : 75189749788

Option 2 ID : 75189749786

Option 3 ID : 75189749785

Option 4 ID : 75189749787

Status : Answered

Chosen Option : 1

Q.60 A 12 V battery is connected across a $250\ \Omega$ resistance. The heat produced in 5 seconds is:

- Ans**
- ☐ 1. 2.99 J
 - ☒ 2. 2.88 J
 - ☐ 3. 3.0 J
 - ☐ 4. 3.15 J

Question ID : 75189711315

Option 1 ID : 75189745257

Option 2 ID : 75189745260

Option 3 ID : 75189745258

Option 4 ID : 75189745259

Status : Answered

Chosen Option : 2

Q.61 If $2.5 : x :: x : 4.9$, and $x > 0$, find the value of x .

- Ans
- ☐ 1. 3.2
 - ☐ 2. 3.4
 - ☐ 3. 3.3
 - ☒ 4. 3.5

Question ID : 75189711738

Option 1 ID : 75189746952

Option 2 ID : 75189746950

Option 3 ID : 75189746951

Option 4 ID : 75189746949

Status : Answered

Chosen Option : 4

Q.62 _____ buying occurs when a consumer experiences a sudden, often powerful and persistent urge to buy something immediately.

- Ans
- ☐ 1. Disruptive
 - ☒ 2. Impulse
 - ☐ 3. Monotonic
 - ☐ 4. Satisfactory

Question ID : 75189712460

Option 1 ID : 75189749840

Option 2 ID : 75189749839

Option 3 ID : 75189749837

Option 4 ID : 75189749838

Status : Answered

Chosen Option : 2

Q.63 Breathing is harder at high altitudes compared to the sea level because _____.

- Ans
- ☐ 1. the rate of diffusion of gases is decreased at high altitudes
 - ☐ 2. the concentration of oxygen is very high at high altitudes
 - ☐ 3. colder temperature constricts airways
 - ☒ 4. the atmosphere is less dense at high altitudes

Question ID : 75189712269

Option 1 ID : 75189749075

Option 2 ID : 75189749074

Option 3 ID : 75189749073

Option 4 ID : 75189749076

Status : Answered

Chosen Option : 2

Q.64

The sum of the roots of the equation $x^2 + 3a^2 = 4ax$ is:

- Ans
- ☐ 1. $2a$
 - ☐ 2. a
 - ☒ 3. $4a$
 - ☐ 4. $3a$

Question ID : 75189711795

Option 1 ID : 75189747179

Option 2 ID : 75189747180

Option 3 ID : 75189747178

Option 4 ID : 75189747177

Status : Answered

Chosen Option : 4

Q.65

If '+' means '-', '-' means '×', '×' means '÷', '÷' means '+', what will come in place of the question mark (?) in the following equation?

$$88 \div 60 \times 15 - 7 + 10 \times 2 = ?$$

- Ans
- ☐ 1. 99
 - ☐ 2. 101
 - ☒ 3. 111
 - ☐ 4. 98

Question ID : 75189711643

Option 1 ID : 75189746572

Option 2 ID : 75189746570

Option 3 ID : 75189746571

Option 4 ID : 75189746569

Status : Answered

Chosen Option : 3

Q.66

Refer to the following letter-symbol series and answer the question that follows.

(Left) *V!^CFA*BY\$&YTGSV#Y!SC^ACSYN (Right)

From left how many such symbols are there that are immediately preceded by a symbol and immediately followed by a letter?

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

Question ID : 7518977986

Option 1 ID : 75189731944

Option 2 ID : 75189731941

Option 3 ID : 75189731942

Option 4 ID : 75189731943

Status : Answered

Chosen Option : 2

Q.67 The total cost price of 63 identical articles is equal to the total selling price of 54 of those articles. What is the gain or loss percentage?

Ans

☒ 1. $16\frac{2}{3}\%$ loss

☒ 2. $15\frac{1}{3}\%$ gain

☒ 3. $16\frac{2}{3}\%$ gain

☒ 4. $15\frac{1}{3}\%$ loss

Question ID : 75189711955

Option 1 ID : 75189747817

Option 2 ID : 75189747820

Option 3 ID : 75189747818

Option 4 ID : 75189747819

Status : Answered

Chosen Option : 3

Q.68 On 23 December 2021, Maharashtra passed which of the following Criminal Law Acts to approve death penalty for heinous offences against women and children?

Ans

☒ 1. Kiran

☒ 2. Disha

☒ 3. Aasha

☒ 4. Shakti

Question ID : 75189711116

Option 1 ID : 75189744464

Option 2 ID : 75189744461

Option 3 ID : 75189744463

Option 4 ID : 75189744462

Status : Not Answered

Chosen Option : --

Q.69 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.

AOE : FUJ
RKT : WQY

- Ans**
- ☒ 1. CRU : HXY
 - ☒ 2. JPM : OUS
 - ☒ 3. QEI : VKN
 - ☒ 4. DPJ : JUP

Question ID : **75189710905**

Option 1 ID : **75189743618**

Option 2 ID : **75189743617**

Option 3 ID : **75189743619**

Option 4 ID : **75189743620**

Status : **Answered**

Chosen Option : **3**

Q.70 The outermost range of the Himalayas is the Shivalik, which ranges between 900 and 1100 metres in height, and lies in width between _____.

- Ans**
- ☒ 1. 10 and 50 km
 - ☒ 2. 15 and 25 km
 - ☒ 3. 30 and 55 km
 - ☒ 4. 25 and 40 km

Question ID : **7518974069**

Option 1 ID : **75189716273**

Option 2 ID : **75189716274**

Option 3 ID : **75189716276**

Option 4 ID : **75189716275**

Status : **Not Answered**

Chosen Option : **--**

Q.71 A person spends 84% of his income and saves the remaining amount. If he saves ₹8,000 per month, what is his monthly income?

- Ans**
- ☒ 1. ₹54,000
 - ☒ 2. ₹48,000
 - ☒ 3. ₹50,000
 - ☒ 4. ₹45,000

Question ID : **75189712022**

Option 1 ID : **75189748085**

Option 2 ID : **75189748087**

Option 3 ID : **75189748088**

Option 4 ID : **75189748086**

Status : **Answered**

Chosen Option : **3**

Q.72 Which of the following is the westernmost of the Himalayan rivers in India?

- Ans
- ☒ 1. Luni
 - ☒ 2. Indus
 - ☒ 3. Bhagirathi
 - ☒ 4. Alaknanda

Question ID : 75189712408

Option 1 ID : 75189749629

Option 2 ID : 75189749630

Option 3 ID : 75189749631

Option 4 ID : 75189749632

Status : Answered

Chosen Option : 2

Q.73 Suppose a lamp of $25\ \Omega$ is connected across a battery. The heat produced by the lamp per second is 100 J. The potential difference across the lamp is:

- Ans
- ☒ 1. 50 V
 - ☒ 2. 60 V
 - ☒ 3. 40 V
 - ☒ 4. 30 V

Question ID : 75189711344

Option 1 ID : 75189745375

Option 2 ID : 75189745376

Option 3 ID : 75189745374

Option 4 ID : 75189745373

Status : Answered

Chosen Option : 1

Q.74 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 gadgets are electronics.

Some electronics are wirelesses.

Some wirelesses are toys.

Conclusions:

I. Some gadgets are toys.

II. Some electronics are gadgets.

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

Question ID : 75189711677

Option 1 ID : 75189746706

Option 2 ID : 75189746705

Option 3 ID : 75189746707

Option 4 ID : 75189746708

Status : Answered

Chosen Option : 1

Q.75 Who among the following is one of the awardees of Major Dhyan Chand Khel Ratna Award 2021 in the discipline of wrestling?

- Ans**
- ✗ 1. Lovlina Borgohain
 - ✗ 2. Sumit Antil
 - ✗ 3. Krishna Nagar
 - ✓ 4. Ravi Kumar

Question ID : 75189712334

Option 1 ID : 75189749333

Option 2 ID : 75189749335

Option 3 ID : 75189749336

Option 4 ID : 75189749334

Status : Answered

Chosen Option : 1

Q.76 Which of the following is not the use of baking soda?

- Ans**
- ☐ 1. as an ingredient in antacids
 - ☐ 2. making of baking powder
 - ☐ 3. in soda-acid fire extinguishers
 - ☒ 4. bleaching action

Question ID : 7518973656

Option 1 ID : 75189714624

Option 2 ID : 75189714622

Option 3 ID : 75189714623

Option 4 ID : 75189714621

Status : Answered

Chosen Option : 4

Q.77 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:

Some investors are urbans.

All stores are urbans.

Some cottages are stores.

Conclusions:

I. Some cottages are investors.

II. Some investors are stores.

III. Some cottages are urbans.

- Ans**
- ☐ 1. Only conclusions I and II follow.
 - ☐ 2. Only conclusions II and III follow.
 - ☐ 3. Only conclusion I follows.
 - ☒ 4. Only conclusion III follows.

Question ID : 75189711474

Option 1 ID : 75189745896

Option 2 ID : 75189745894

Option 3 ID : 75189745893

Option 4 ID : 75189745895

Status : Answered

Chosen Option : 4

Q.78 As per one of the criteria evolved by Government to determine declaration of a language as a Classical language, the language must have high antiquity of its early texts/recorded history over a period of _____ years.

- Ans**
- ☒ 1. 2500-3000
 - ☒ 2. 500-1000
 - ☒ 3. 1500-2000
 - ☒ 4. 3500-4000

Question ID : 75189710546

Option 1 ID : 75189742183

Option 2 ID : 75189742181

Option 3 ID : 75189742182

Option 4 ID : 75189742184

Status : Answered

Chosen Option : 3

Q.79 Consider two wires of the same resistance, but the ratio of their cross-sectional areas is 1 : 9. Furthermore, the ratio of their lengths is 3 : 2. The ratio of their resistivities will be:

- Ans**
- ☒ 1. 2 : 27
 - ☒ 2. 2 : 33
 - ☒ 3. 2 : 9
 - ☒ 4. 2 : 13

Question ID : 75189711322

Option 1 ID : 75189745287

Option 2 ID : 75189745288

Option 3 ID : 75189745285

Option 4 ID : 75189745286

Status : Answered

Chosen Option : 1

Q.80 The mean weight of 18 jackfruits is 7.2 kg. If the weights of 2 more jackfruits whose weights are equal are added, the mean weight decreases by 20 g. What is the weight of each jackfruit added later?

- Ans**
- ☒ 1. 7.18 kg
 - ☒ 2. 7.22 kg
 - ☒ 3. 7.00 kg
 - ☒ 4. 7.40 kg

Question ID : 75189712053

Option 1 ID : 75189748209

Option 2 ID : 75189748210

Option 3 ID : 75189748211

Option 4 ID : 75189748212

Status : Answered

Chosen Option : 1

Q.81 According to Mendeleev's periodic table, just like halogens, hydrogen also exists as a:

- Ans**
- ☒ 1. triatomic molecule
 - ☒ 2. diatomic molecule
 - ☒ 3. monoatomic molecule
 - ☒ 4. tetra-atomic molecule

Question ID : **75189711928**

Option 1 ID : **75189747711**

Option 2 ID : **75189747710**

Option 3 ID : **75189747709**

Option 4 ID : **75189747712**

Status : **Answered**

Chosen Option : **2**

Q.82 Each vowel in the word LOCKER is changed to the letter preceding it in the English alphabetical order and each consonant is changed to the letter following it in the English alphabetical order. Which of the following letters will appear twice in the group of letters thus formed?

- Ans**
- ☒ 1. D
 - ☒ 2. S
 - ☒ 3. L
 - ☒ 4. M

Question ID : **75189711685**

Option 1 ID : **75189746737**

Option 2 ID : **75189746740**

Option 3 ID : **75189746738**

Option 4 ID : **75189746739**

Status : **Answered**

Chosen Option : **1**

Q.83 Five friends named Kishore, Jayan, Lahari, Manyaki and Nalini live on five different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor which is numbered 5. Kishore lives on odd numbered floor but not on third floor and Nalini lives on the bottommost floor. Manyaki and Jayan lives on even numbered floors but Manyaki doesn't live above Jayan. Lahari lives on the floor immediately above Manyaki.

Who lives on the third floor?

- Ans**
- ☒ 1. Jayan
 - ☒ 2. Lahari
 - ☒ 3. Manyaki
 - ☒ 4. Kishore

Question ID : **75189711451**

Option 1 ID : **75189745802**

Option 2 ID : **75189745804**

Option 3 ID : **75189745803**

Option 4 ID : **75189745801**

Status : **Answered**

Chosen Option : **2**

Q.84 What type of bonding is present in carbon compounds?

- Ans
- ☐ 1. Ionic bonding
 - ☐ 2. Hydrogen bonding
 - ☐ 3. Metallic bonding
 - ☒ 4. Covalent bonding

Question ID : 75189711841

Option 1 ID : 75189747362

Option 2 ID : 75189747363

Option 3 ID : 75189747361

Option 4 ID : 75189747364

Status : Answered

Chosen Option : 4

Q.85 Consider that a mature blue whale is 30.0 m long. On the other hand a baby whale is 10.0 m long. Where should the baby whale be placed in front of a concave mirror of focal length 15.0 m so that one can observe a real image of the baby whale as that of the size of a mature whale?

- Ans
- ☐ 1. 25 m
 - ☒ 2. 20 m
 - ☐ 3. 10 m
 - ☐ 4. 15 m

Question ID : 75189712177

Option 1 ID : 75189748708

Option 2 ID : 75189748707

Option 3 ID : 75189748705

Option 4 ID : 75189748706

Status : Answered

Chosen Option : 4

Q.86 The Criminal Procedure (Identification) Bill was passed by the Parliament of India in which of the following years?

- Ans
- ☒ 1. 2022
 - ☐ 2. 2021
 - ☐ 3. 2019
 - ☐ 4. 2018

Question ID : 75189712453

Option 1 ID : 75189749812

Option 2 ID : 75189749811

Option 3 ID : 75189749810

Option 4 ID : 75189749809

Status : Not Answered

Chosen Option : --

Q.87 India lies entirely in the northern hemisphere, the mainland extends between latitudes _____ and $37^{\circ} 6'$ north.

- Ans**
- ✓ 1. $8^{\circ} 4'$
 - ✗ 2. $9^{\circ} 4'$
 - ✗ 3. $10^{\circ} 4'$
 - ✗ 4. $11^{\circ} 4'$

Question ID : **7518974066**
Option 1 ID : **75189716261**
Option 2 ID : **75189716262**
Option 3 ID : **75189716263**
Option 4 ID : **75189716264**
Status : **Answered**
Chosen Option : 1

Q.88 Find the SP of an article whose marked price is ₹4,500 and discount allowed is 4.2%.

- Ans**
- ✗ 1. ₹4,441.00
 - ✗ 2. ₹4,111.00
 - ✓ 3. ₹4,311.00
 - ✗ 4. ₹4,213.45

Question ID : **75189712039**
Option 1 ID : **75189748153**
Option 2 ID : **75189748155**
Option 3 ID : **75189748154**
Option 4 ID : **75189748156**
Status : **Answered**
Chosen Option : 3

Q.89 The curved surface area of a sphere is 1386 cm^2 . Find the volume of the sphere. [Use $\pi = \frac{22}{7}$]

- Ans**
- ✗ 1. 2722 cm^3
 - ✗ 2. 4158 cm^3
 - ✗ 3. 5572 cm^3
 - ✓ 4. 4851 cm^3

Question ID : **75189711809**
Option 1 ID : **75189747233**
Option 2 ID : **75189747234**
Option 3 ID : **75189747236**
Option 4 ID : **75189747235**
Status : **Answered**
Chosen Option : 4

Q.90 If the signs + and $\times$ are interchanged, and the numbers 3 and 7 are also interchanged, which of the following four equations given as options would be correct?

- Ans**
- ✓ 1. $3 + 7 \times 9 = 30$
 - ✗ 2. $16 \times 3 + 7 = 39$
 - ✗ 3. $14 + 3 \times 7 = 35$
 - ✗ 4. $13 + 7 \times 3 = 47$

Question ID : **7518979053**
Option 1 ID : **75189736210**
Option 2 ID : **75189736212**
Option 3 ID : **75189736209**
Option 4 ID : **75189736211**
Status : **Answered**
Chosen Option : **1**

Q.91 In a chemical equation, the notations (aq) represents:

- Ans**
- ✗ 1. Gas
 - ✓ 2. aqueous
 - ✗ 3. Liquid
 - ✗ 4. solid

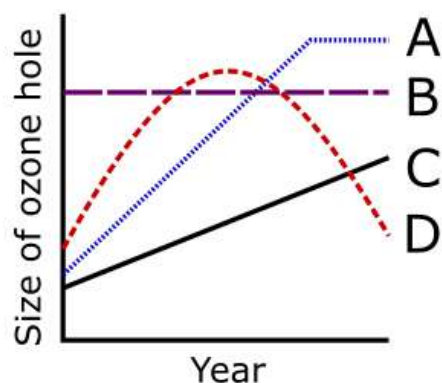
Question ID : **7518979611**
Option 1 ID : **75189738443**
Option 2 ID : **75189738444**
Option 3 ID : **75189738442**
Option 4 ID : **75189738441**
Status : **Answered**
Chosen Option : **2**

Q.92 Out of the following which is not a non conventional source of energy:

- Ans**
- ✗ 1. Geothermal Energy
 - ✗ 2. Solar energy
 - ✗ 3. Tidal energy
 - ✓ 4. Nuclear energy

Question ID : **75189712237**
Option 1 ID : **75189748945**
Option 2 ID : **75189748946**
Option 3 ID : **75189748948**
Option 4 ID : **75189748947**
Status : **Answered**
Chosen Option : **4**

Q.93 Which line best explains changes in the size of the ozone hole over the years?



- Ans ☒ 1. Line A – it was growing but now it is not growing
☒ 2. Line B – the size has not changed
☒ 3. Line C – it is growing steadily
☒ 4. Line D – it was growing but now it is shrinking

Question ID : 75189712310

Option 1 ID : 75189749237

Option 2 ID : 75189749238

Option 3 ID : 75189749239

Option 4 ID : 75189749240

Status : Answered

Chosen Option : 3

Q.94 Which of the following festivals is NOT related to agriculture?

- Ans ☒ 1. Pongal
☒ 2. Deepawali
☒ 3. Baisakhi
☒ 4. Lohri

Question ID : 75189712126

Option 1 ID : 75189748501

Option 2 ID : 75189748504

Option 3 ID : 75189748503

Option 4 ID : 75189748502

Status : Answered

Chosen Option : 2

Q.95 The cost of a keyboard and a mouse is ₹3,600. If the cost of the keyboard is seven times that of the mouse, what is the cost of the keyboard?

- Ans**
- ☐ 1. ₹3,050
 - ☐ 2. ₹600
 - ☐ 3. ₹450
 - ☒ 4. ₹3,150

Question ID : 75189712067

Option 1 ID : 75189748265

Option 2 ID : 75189748268

Option 3 ID : 75189748267

Option 4 ID : 75189748266

Status : Answered

Chosen Option : 4

Q.96 Which of the following statements is INCORRECT?

- Ans**
- ☐ 1. We need to accept that people will act with their own best interests as the priority.
 - ☒ 2. Sustainable management of natural resources is an easy task.
 - ☐ 3. The fossil fuels, coal and petroleum will ultimately be exhausted.
 - ☐ 4. Combustion of fossil fuels pollute our environment; we need to use these resources judiciously.

Question ID : 75189710281

Option 1 ID : 75189741122

Option 2 ID : 75189741121

Option 3 ID : 75189741123

Option 4 ID : 75189741124

Status : Answered

Chosen Option : 2

Q.97 Suppose Rammohan has kept a cylindrical bar magnet along the axis of a circular solenoid. Now, he is rotating the magnet about the axis of the solenoid. The induced electric current in the coil will be:

- Ans**
- ☐ 1. inversely proportional to the resistance of the solenoid
 - ☒ 2. zero
 - ☐ 3. proportional to the length of the solenoid
 - ☐ 4. proportional to the number of turns in the solenoid

Question ID : 75189711375

Option 1 ID : 75189745498

Option 2 ID : 75189745500

Option 3 ID : 75189745499

Option 4 ID : 75189745497

Status : Answered

Chosen Option : 4

Q.98 In a certain code language, 'MANNER' is written as 'OETVOD' and 'BEHAVE' is written as 'DINIFQ'. How will 'POLITE' be written in the same code language?

- Ans
- ☒ 1. RKRQDQ
 - ☒ 2. RSFQDQ
 - ☒ 3. RSRQDQ
 - ☒ 4. RKFADQ

Question ID : 7518979758

Option 1 ID : 75189739032

Option 2 ID : 75189739031

Option 3 ID : 75189739029

Option 4 ID : 75189739030

Status : Answered

Chosen Option : 3

Q.99 Jyoti covered a distance of 3 km in a particular direction and then turned to her right. She further travelled 1 km and thereafter she turned to the left and walked 5 km and then finally she turned to right and walked in the north direction. In which direction was she facing when she started her journey? (All turns are 90 degree turns only)

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

Question ID : 75189711588

Option 1 ID : 75189746352

Option 2 ID : 75189746351

Option 3 ID : 75189746350

Option 4 ID : 75189746349

Status : Answered

Chosen Option : 4

Q.100 A and B can complete a piece of work in 20 days, B and C can complete the same piece of work in 12 days, while C and A can do it in 15 days. In how many days can A, B, and C together complete the same work?

- Ans
- ☒ 1. 15
 - ☒ 2. 5
 - ☒ 3. 10
 - ☒ 4. 12

Question ID : 75189711761

Option 1 ID : 75189747042

Option 2 ID : 75189747043

Option 3 ID : 75189747041

Option 4 ID : 75189747044

Status : Answered

Chosen Option : 3