



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



Roll Number	
Candidate Name	
Test Center Name	TCS Gito Bitan
Test Date	26/09/2022
Test Time	9:00 AM - 10:30 AM
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 Study the given arrangement of numbers and answer the question that follows:

(LEFT) 2 8 3 6 0 8 1 5 3 7 3 4 9 6 2 4 3 2 5 6 4 0 7 (RIGHT)

Based on the arrangement given, Three of the following four groups of numbers (given in options) are alike in a certain way and so form a group. Which option does NOT belong to that group?

- Ans ☒ 1. 013
☒ 2. 462
☒ 3. 746
☒ 4. 230

Question ID : 75189714227

Option 1 ID : 75189756908

Option 2 ID : 75189756905

Option 3 ID : 75189756907

Option 4 ID : 75189756906

Status : Answered

Chosen Option : 2

Q.2 The distance between the pole and centre of curvature of a concave mirror of radius of curvature 100 cm is:

- Ans ☒ 1. 50 cm
☒ 2. 200 cm
☒ 3. 25 cm
☒ 4. 100 cm

Question ID : 75189711138

Option 1 ID : 75189744550

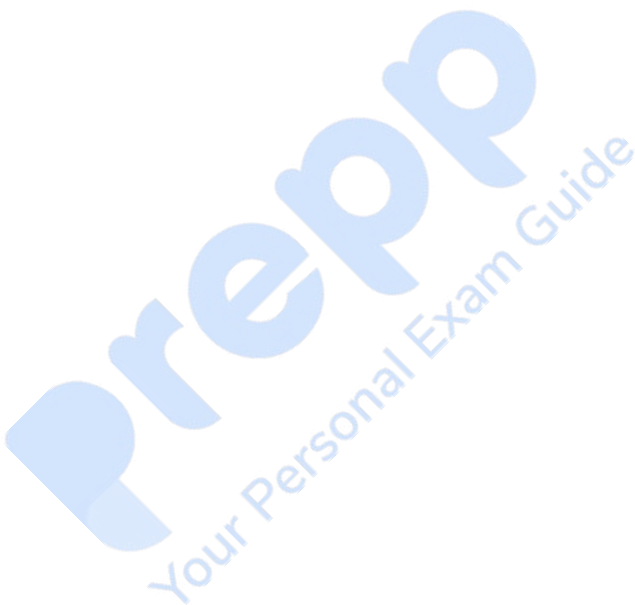
Option 2 ID : 75189744551

Option 3 ID : 75189744552

Option 4 ID : 75189744549

Status : Answered

Chosen Option : 1



Q.3 In quadrilateral ABCD, we have $AD = 9$ cm, $BC = 8$ cm and $CD = 17$ cm, $AD \perp AB$ and diagonal $BD \perp BC$. Find the area of the quadrilateral ABCD.

- Ans
- ☒ 1. 112 cm^2
 - ☒ 2. 111 cm^2
 - ☒ 3. 110 cm^2
 - ☒ 4. 114 cm^2

Question ID : **75189711803**

Option 1 ID : **75189747211**

Option 2 ID : **75189747212**

Option 3 ID : **75189747209**

Option 4 ID : **75189747210**

Status : **Answered**

Chosen Option : **3**

Q.4 The 'United Nations' theme for observance of Women's Day 2022 was _____.

- Ans
- ☒ 1. An Equal World is an Enabled World
 - ☒ 2. Think Equal, Build Smart, Innovate for Change
 - ☒ 3. Women in Leadership: Achieving an Equal Future in a Covid-19 World
 - ☒ 4. Gender Equality Today for a Sustainable Tomorrow

Question ID : **7518978507**

Option 1 ID : **75189734025**

Option 2 ID : **75189734026**

Option 3 ID : **75189734028**

Option 4 ID : **75189734027**

Status : **Answered**

Chosen Option : **4**

Q.5 Find the median of the following data.

12, 16, 26, 15, 17, 18, 73, 74, 25, 24

- Ans
- ☒ 1. 21
 - ☒ 2. 17
 - ☒ 3. 19
 - ☒ 4. 18

Question ID : **75189712991**

Option 1 ID : **75189751964**

Option 2 ID : **75189751961**

Option 3 ID : **75189751963**

Option 4 ID : **75189751962**

Status : **Answered**

Chosen Option : **1**

Q.6 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.

Q _ T _ T _ B T _ T Q B _ R T

- Ans**
- ☒ 1. BQRRT
 - ☒ 2. BRTRQ
 - ☒ 3. BRRQT
 - ☒ 4. BRQRT

Question ID : **75189711522**

Option 1 ID : **75189746086**

Option 2 ID : **75189746088**

Option 3 ID : **75189746087**

Option 4 ID : **75189746085**

Status : **Answered**

Chosen Option : **4**

Q.7 Which of the following keywords best defines the existence of more than one level of government in the country?

- Ans**
- ☒ 1. Federalism
 - ☒ 2. Deliberative democracy
 - ☒ 3. Dictatorship
 - ☒ 4. Totalitarianism

Question ID : **75189714019**

Option 1 ID : **75189756073**

Option 2 ID : **75189756074**

Option 3 ID : **75189756075**

Option 4 ID : **75189756076**

Status : **Answered**

Chosen Option : **1**

Q.8 Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

$$7^2 + 53.99 = 206.01 \div 1.99$$

- Ans**
- ☒ 1. 13
 - ☒ 2. 5
 - ☒ 3. 7
 - ☒ 4. 3

Question ID : **75189712719**

Option 1 ID : **75189750876**

Option 2 ID : **75189750874**

Option 3 ID : **75189750873**

Option 4 ID : **75189750875**

Status : **Answered**

Chosen Option : **3**

Q.9 Amongst six friends A, B, C, D, E and F, each has a different height. Only one person is shorter than E. Only two people are taller than D. A is shorter than F but taller than C. F is not the tallest. Who is the shortest among all the friends?

- Ans**
- ☒ 1. E
 - ☒ 2. D
 - ☒ 3. C
 - ☒ 4. A

Question ID : **75189713165**

Option 1 ID : **75189752658**

Option 2 ID : **75189752660**

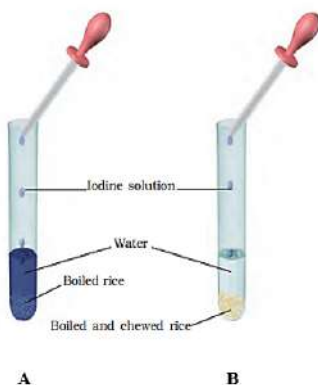
Option 3 ID : **75189752657**

Option 4 ID : **75189752659**

Status : **Answered**

Chosen Option : **3**

Q.10 Study the figure given below carefully. Which option is correct regarding the non-appearance of blue colour in test tube B?



- Ans**
- ☒ 1. Starch was digested by pepsin in the saliva
 - ☒ 2. Starch was digested by trypsin in the saliva
 - ☒ 3. Starch was digested by salivary amylase in the saliva
 - ☒ 4. Starch was digested by lipase in the saliva

Question ID : **7518974573**

Option 1 ID : **75189718290**

Option 2 ID : **75189718292**

Option 3 ID : **75189718289**

Option 4 ID : **75189718291**

Status : **Answered**

Chosen Option : **3**

Q.11 If the position of the digit '2' is interchanged with the position of the digit '4', and the position of the digit '5' is interchanged with the position of the digit '3', then what is the value of the given expression?

$$47 + 56 \div 6 - 2 \times 3$$

- Ans**
- ☒ 1. 13
 - ☐ 2. 7
 - ☐ 3. 3
 - ☐ 4. 21

Question ID : 75189714270

Option 1 ID : 75189757078

Option 2 ID : 75189757079

Option 3 ID : 75189757077

Option 4 ID : 75189757080

Status : Answered

Chosen Option : 1

Q.12 If -2 is a root of the equation $3x^2 + px + 2 = 0$, and $7x^2 + px + k = 0$ has equal roots, then what is the value of k ?

- Ans**
- ☐ 1. $\frac{2}{3}$
 - ☒ 2. $\frac{7}{4}$
 - ☐ 3. $\frac{7}{2}$
 - ☐ 4. $\frac{4}{3}$

Question ID : 75189712651

Option 1 ID : 75189750603

Option 2 ID : 75189750602

Option 3 ID : 75189750601

Option 4 ID : 75189750604

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.13 A sum of ₹2500 is invested in a bank at 6% interest per annum compounded annually. On maturity, the amount payable becomes ₹2809. Find the time period of the investment.

- Ans**
- ☐ 1. 1 year
 - ☐ 2. 2.5 years
 - ☒ 3. 2 years
 - ☐ 4. 1.5 years

Question ID : 75189713306

Option 1 ID : 75189753221

Option 2 ID : 75189753222

Option 3 ID : 75189753223

Option 4 ID : 75189753224

Status : Answered

Chosen Option : 3

Q.14 Which of the following numbers will replace the question mark (?) in the given series?

2, 3, 6, 12, ?, 37, 58

- Ans**
- ☒ 1. 26
 - ☒ 2. 24
 - ☒ 3. 20
 - ☒ 4. 22

Question ID : **75189713232**

Option 1 ID : **75189752927**

Option 2 ID : **75189752926**

Option 3 ID : **75189752928**

Option 4 ID : **75189752925**

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

Chosen Option : --

Q.15 Ravi spends 20% of his income on petrol, one-third of the remaining income on household expenditure, and the balance is his savings. If he spends ₹7,500 on petrol, find his household expenditure.

- Ans**
- ☒ 1. ₹8,566.70
 - ☒ 2. ₹8,500
 - ☒ 3. ₹8,666.70
 - ☒ 4. ₹10,000

Question ID : **75189712939**

Option 1 ID : **75189751754**

Option 2 ID : **75189751753**

Option 3 ID : **75189751755**

Option 4 ID : **75189751756**

Status : **Answered**

Chosen Option : 4

Q.16 Which of the numbers given below is a prime number?

- Ans**
- ☒ 1. 319
 - ☒ 2. 983
 - ☒ 3. 986
 - ☒ 4. 153

Question ID : **75189713275**

Option 1 ID : **75189753100**

Option 2 ID : **75189753097**

Option 3 ID : **75189753098**

Option 4 ID : **75189753099**

Status : **Answered**

Chosen Option : 2

Q.17 Riya has a total of 60 pens and pencils. If she has 25 more pens and 5 less pencils, then the number of pens becomes three times the number of pencils. What is the difference between the number of pens and pencils that she had originally?

- Ans**
- ☒ 1. 25
 - ☒ 2. 30
 - ☒ 3. 5
 - ☒ 4. 10

Question ID : 75189712070

Option 1 ID : 75189748278

Option 2 ID : 75189748279

Option 3 ID : 75189748280

Option 4 ID : 75189748277

Status : Answered

Chosen Option : 4

Q.18 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.

QJD : TMG
GMS : JPV

- Ans**
- ☒ 1. MYO : PQJ
 - ☒ 2. NIH : SXB
 - ☒ 3. RPH : USK
 - ☒ 4. AWL : ZDT

Question ID : 75189714930

Option 1 ID : 75189759717

Option 2 ID : 75189759720

Option 3 ID : 75189759718

Option 4 ID : 75189759719

Status : Answered

Chosen Option : 3

Q.19 If 60% of A = 1.2 of B = $\frac{2}{5}$ of C, then find A : B : C.

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

Question ID : 75189712965

Option 1 ID : 75189751858

Option 2 ID : 75189751860

Option 3 ID : 75189751857

Option 4 ID : 75189751859

Status : Answered

Chosen Option : 4

Q.20 Who is the head of the Nyaya Panchayat?

- Ans
- ☒ 1. Sarpanch
 - ☐ 2. Chairman
 - ☐ 3. Block Pramukh
 - ☐ 4. BDO

Question ID : 75189714075

Option 1 ID : 75189756298

Option 2 ID : 75189756297

Option 3 ID : 75189756300

Option 4 ID : 75189756299

Status : Answered

Chosen Option : 1

Q.21 Each vowel in the word KINDLE is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. Which of the following letters will appear twice in the group of letters thus formed?

- Ans
- ☐ 1. F
 - ☒ 2. J
 - ☐ 3. M
 - ☐ 4. K

Question ID : 75189711687

Option 1 ID : 75189746746

Option 2 ID : 75189746745

Option 3 ID : 75189746747

Option 4 ID : 75189746748

Status : Answered

Chosen Option : 2

Q.22 According to the National Commission for Protection of Child Rights draft regulatory guidelines 2022, employment of children in the entertainment industry requires producers to obtain permission from which district authority while engaging a child actor?

- Ans
- ☐ 1. District Welfare Officer
 - ☐ 2. District Judge
 - ☐ 3. Superintendent of Police
 - ☒ 4. District Magistrate

Question ID : 75189711087

Option 1 ID : 75189744345

Option 2 ID : 75189744348

Option 3 ID : 75189744346

Option 4 ID : 75189744347

Status : Answered

Chosen Option : 4

Q.23 Find the median of the data whose mean is 46 and mode is 45, using empirical relation (Round the answer off to one decimal place).

- Ans**
- ☒ 1. 45.9
 - ☒ 2. 45.1
 - ☒ 3. 45.5
 - ☒ 4. 45.7

Question ID : 75189713442

Option 1 ID : 75189753767

Option 2 ID : 75189753768

Option 3 ID : 75189753765

Option 4 ID : 75189753766

Status : Answered

Chosen Option : 3

Q.24 A house and a garden together cost ₹51 lakh and the cost of the garden is $\frac{5}{12}$ of the cost of the house. Find the cost of the garden (in ₹).

- Ans**
- ☒ 1. 16 lakh
 - ☒ 2. 30 lakh
 - ☒ 3. 15 lakh
 - ☒ 4. 36 lakh

Question ID : 75189711781

Option 1 ID : 75189747122

Option 2 ID : 75189747121

Option 3 ID : 75189747123

Option 4 ID : 75189747124

Status : Answered

Chosen Option : 3

Q.25 Three angles of $\triangle ABC$ are in the ratio 3 : 4 : 5, taken in order. If side AB is extended to X, what is the measure of exterior angle $\angle CBX$?

- Ans**
- ☒ 1. 100°
 - ☒ 2. 80°
 - ☒ 3. 120°
 - ☒ 4. 60°

Question ID : 75189712094

Option 1 ID : 75189748374

Option 2 ID : 75189748375

Option 3 ID : 75189748373

Option 4 ID : 75189748376

Status : Answered

Chosen Option : 3

Q.26 Given $a \sin q = b \cos q$ and $a \sin^3 q + b \cos^3 q = \sin q \cos q$, for $0 < q < 90^\circ$, find the value of $a^2 + b^2$.

- Ans**
- ☒ 1. 0
 - ☒ 2. 1
 - ☒ 3. 3
 - ☒ 4. 2

Question ID : **75189712104**

Option 1 ID : **75189748415**

Option 2 ID : **75189748413**

Option 3 ID : **75189748416**

Option 4 ID : **75189748414**

Status : **Answered**

Chosen Option : **2**

Q.27 Fleming's Right Hand Rule can be applied only if the directions of the applied magnetic field, the motion of conductor and the induced current are mutually at _____ with respect to each other.

- Ans**
- ☒ 1. 60°
 - ☒ 2. 90°
 - ☒ 3. 30°
 - ☒ 4. 45°

Question ID : **75189714117**

Option 1 ID : **75189756466**

Option 2 ID : **75189756467**

Option 3 ID : **75189756465**

Option 4 ID : **75189756468**

Status : **Answered**

Chosen Option : **2**

Q.28 An object of height 3 cm is placed at a distance $1.5f$ in front of a convex lens of focal length f . The magnification will be:

- Ans**
- ☒ 1. 3.0
 - ☒ 2. 2.5
 - ☒ 3. 2.0
 - ☒ 4. 1.5

Question ID : **75189711285**

Option 1 ID : **75189745140**

Option 2 ID : **75189745139**

Option 3 ID : **75189745138**

Option 4 ID : **75189745137**

Status : **Answered**

Chosen Option : **3**

Q.29 Eight friends are sitting around a square table facing the centre. Four of them are sitting at the corners and remaining four are sitting at the exact middle of the four sides. Aman is sitting fourth to the left of Priya. Lakshay is an immediate neighbour of both Priya and Sakshi. Utkarsh is sitting fourth to the left of Sakshi. Riddhi is sitting to the immediate right of Utkarsh. Priya is sitting to the immediate left of Vidhi. Vidhi is sitting fourth to the right of Tejaswi. Who is sitting to the immediate right of Aman?

- Ans**
- ✓ 1. Tejaswi
 - ✗ 2. Riddhi
 - ✗ 3. Lakshay
 - ✗ 4. Vidhi

Question ID : **75189714162**

Option 1 ID : **75189756648**

Option 2 ID : **75189756645**

Option 3 ID : **75189756646**

Option 4 ID : **75189756647**

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

Chosen Option : --

Q.30 Which of the following numbers will replace the question mark (?) in the given series?

43 41 37 31 ? 23

- Ans**
- ✓ 1. 29
 - ✗ 2. 25
 - ✗ 3. 27
 - ✗ 4. 21

Question ID : **75189712691**

Option 1 ID : **75189750763**

Option 2 ID : **75189750761**

Option 3 ID : **75189750762**

Option 4 ID : **75189750764**

Status : **Answered**

Chosen Option : 1

Q.31 The Delhi Durbar _____ marked the succession of King George V and in this Durbar, the King declared that Capital of India will be transferred from Calcutta to Delhi.

- Ans**
- ✗ 1. 1903
 - ✗ 2. 1910
 - ✓ 3. 1911
 - ✗ 4. 1877

Question ID : **75189710424**

Option 1 ID : **75189741694**

Option 2 ID : **75189741695**

Option 3 ID : **75189741696**

Option 4 ID : **75189741693**

Status : **Answered**

Chosen Option : 3

Q.32 India with its area of 3.28 million km² accounts for 2.4 per cent of the world's land surface area and stands as the _____ largest country in the world.

- Ans**
- ☒ 1. sixth
 - ☒ 2. seventh
 - ☒ 3. fifth
 - ☒ 4. eighth

Question ID : **75189712397**

Option 1 ID : **75189749586**

Option 2 ID : **75189749587**

Option 3 ID : **75189749585**

Option 4 ID : **75189749588**

Status : **Answered**

Chosen Option : **3**

Q.33 The western coastal plains are an example of _____ coastal plains.

- Ans**
- ☒ 1. narrow
 - ☒ 2. dry
 - ☒ 3. submerged
 - ☒ 4. wide

Question ID : **75189712407**

Option 1 ID : **75189749625**

Option 2 ID : **75189749627**

Option 3 ID : **75189749628**

Option 4 ID : **75189749626**

Status : **Answered**

Chosen Option : **3**

Q.34 Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

Statements:

Some Picnics are Grasses.
All Grasses Are Rains.
Some Rains are Clouds.

Conclusions:

(I) Some Grasses are Clouds.
(II) All Picnics are Rains.

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

Question ID : 75189714618

Option 1 ID : 75189758470

Option 2 ID : 75189758469

Option 3 ID : 75189758472

Option 4 ID : 75189758471

Status : Answered

Chosen Option : 3

Q.35 Seven boxes, L, M, N, O, P, Q and E, are kept one above the other but not necessarily in the same order. L is fifth from the bottom in the stack. M is immediately above L. Only three boxes are there between O and L. Only two boxes are there between P and N. N is immediately above Q. P is at one of the positions above N. Which box is kept at the sixth position from bottom?

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

Question ID : 75189711460

Option 1 ID : 75189745837

Option 2 ID : 75189745839

Option 3 ID : 75189745840

Option 4 ID : 75189745838

Status : Not Answered

Chosen Option : --

Q.36 In a certain code language, 'ARMOR' is written as 'CVOST' and 'GLAND' is written as 'IPCRF'. How will 'FARMS' be written in that language?

- Ans**
- ✓ 1. HETQU
 - ✗ 2. HFTRU
 - ✗ 3. HDTPU
 - ✗ 4. HEQTU

Question ID : 75189714484

Option 1 ID : 75189757935

Option 2 ID : 75189757936

Option 3 ID : 75189757933

Option 4 ID : 75189757934

Status : Answered

Chosen Option : 1

Q.37 A stalactite of size 10.0 m is found in Brazil. If this stalactite is placed at a distance of 20.0 m from a concave mirror and a real image of size 30.0 m is formed, then the principal focus of the mirror is at:

- Ans**
- ✗ 1. -30.0 m
 - ✓ 2. -15.0 m
 - ✗ 3. +30.0 m
 - ✗ 4. +15.0 m

Question ID : 75189712188

Option 1 ID : 75189748749

Option 2 ID : 75189748751

Option 3 ID : 75189748750

Option 4 ID : 75189748752

Status : Answered

Chosen Option : 4

Q.38 Which of the following historical places is associated with the birth of Jesus Christ?

- Ans**
- ✗ 1. Byzantium
 - ✗ 2. Vatican City
 - ✗ 3. Mount Tabor
 - ✓ 4. Bethlehem

Question ID : 75189714000

Option 1 ID : 75189755997

Option 2 ID : 75189755999

Option 3 ID : 75189756000

Option 4 ID : 75189755998

Status : Answered

Chosen Option : 2

Q.39 3 right circular cylinders having the same base radius (r cm) and the same height (h cm) are placed one upon the other, to form another right cylinder whose radius of base is also r cm. The total surface area (in cm^2) of this new right cylindrical solid so formed is:

- Ans
- ☒ 1. $4\pi rh + 4\pi r^2$
 - ☒ 2. $6\pi rh + 2\pi r^2$
 - ☒ 3. $6\pi rh + 4\pi r^2$
 - ☒ 4. $6\pi rh + 6\pi r^2$

Question ID : 75189713404

Option 1 ID : 75189753615

Option 2 ID : 75189753613

Option 3 ID : 75189753616

Option 4 ID : 75189753614

Status : Answered

Chosen Option : 2

Q.40 If $7(x)+5$, $7(x)+4$, $5(x)+5$ and y are in proportion when $x = 5$, find the value of y .

- Ans
- ☒ 1. 29
 - ☒ 2. 29.5
 - ☒ 3. 29.75
 - ☒ 4. 29.25

Question ID : 75189712950

Option 1 ID : 75189751797

Option 2 ID : 75189751799

Option 3 ID : 75189751800

Option 4 ID : 75189751798

Status : Answered

Chosen Option : 4

Q.41 Which of the following bills presented along with the Annual Financial Statement provides details on the imposition, abolition, remission, alteration or regulation of taxes proposed in the Budget in India?

- Ans
- ☒ 1. Ordinance Replacing Bill
 - ☒ 2. Finance Bill
 - ☒ 3. Money Bill
 - ☒ 4. Ordinary Bill

Question ID : 75189714004

Option 1 ID : 75189756016

Option 2 ID : 75189756014

Option 3 ID : 75189756015

Option 4 ID : 75189756013

Status : Answered

Chosen Option : 2

Q.42 If the roots of the quadratic equation $x^2 - kx + 169 = 0$ are equal, find the value of k.

- Ans
- ✓ 1. ± 26
 - ✗ 2. ± 14
 - ✗ 3. ± 13
 - ✗ 4. ± 17

Question ID : 75189712080

Option 1 ID : 75189748318

Option 2 ID : 75189748320

Option 3 ID : 75189748317

Option 4 ID : 75189748319

Status : Answered

Chosen Option : 1

Q.43 Which of the following components of xylem do NOT function in the transport of water?

- Ans
- ✗ 1. Xylem parenchyma
 - ✗ 2. Xylem vessels
 - ✓ 3. Xylem fibres
 - ✗ 4. Xylem tracheids

Question ID : 75189712242

Option 1 ID : 75189748968

Option 2 ID : 75189748966

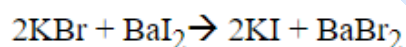
Option 3 ID : 75189748967

Option 4 ID : 75189748965

Status : Answered

Chosen Option : 1

Q.44 In the given reaction, which substance is insoluble?



- Ans
- ✗ 1. 2KBr
 - ✓ 2. BaBr_2
 - ✗ 3. BaI_2
 - ✗ 4. 2KI

Question ID : 75189715018

Option 1 ID : 75189760069

Option 2 ID : 75189760071

Option 3 ID : 75189760072

Option 4 ID : 75189760070

Status : Answered

Chosen Option : 3

Q.45 'Beating the Retreat' officially denotes the end of which National Festival of India?

- Ans
- ☒ 1. Independence Day
 - ☒ 2. Gandhi Jayanti
 - ☒ 3. Constitution Day
 - ☒ 4. Republic Day

Question ID : 75189712361

Option 1 ID : 75189749441

Option 2 ID : 75189749443

Option 3 ID : 75189749444

Option 4 ID : 75189749442

Status : Answered

Chosen Option : 2

Q.46 The energy lost in the form of heat in an electrical circuit is,

- Ans
- ☒ 1. directly proportional to the resistance
 - ☒ 2. Inversely proportional to the current flowing through the circuit
 - ☒ 3. Inversely proportional to the potential difference applied in the circuit
 - ☒ 4. Inversely proportional to time for which current flows through the circuit

Question ID : 75189713822

Option 1 ID : 75189755285

Option 2 ID : 75189755287

Option 3 ID : 75189755288

Option 4 ID : 75189755286

Status : Answered

Chosen Option : 1

Q.47 $\frac{9^4 \times 10^3 \times 4^{-4} \times 16^{\frac{1}{2}}}{5^6 \times 3^6}$ equals:

- Ans
- ☒ 1. $\frac{1}{4000}$
 - ☒ 2. $\frac{4}{9000}$
 - ☒ 3. $\frac{1}{9000}$
 - ☒ 4. $\frac{9}{1000}$

Question ID : 75189712000

Option 1 ID : 75189747998

Option 2 ID : 75189747999

Option 3 ID : 75189747997

Option 4 ID : 75189748000

Status : Answered

Chosen Option : 4

Q.48 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor, which is numbered 6. Only two people live between A and F. Only three people live between B and C. C lives below B. E does not live below D. Only two people live below F. Who lives immediately above F?

- Ans
- ☒ 1. B
 - ☒ 2. E
 - ☒ 3. D
 - ☒ 4. A

Question ID : 75189713490

Option 1 ID : 75189753960

Option 2 ID : 75189753959

Option 3 ID : 75189753958

Option 4 ID : 75189753957

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.49 Sulphide ion is formed from Sulphur due to _____.

- Ans
- ☒ 1. Combination
 - ☒ 2. Oxidation
 - ☒ 3. Dehydrogenation
 - ☒ 4. Reduction

Question ID : 75189714783

Option 1 ID : 75189759132

Option 2 ID : 75189759130

Option 3 ID : 75189759131

Option 4 ID : 75189759129

Status : Answered

Chosen Option : 2

Q.50 If $0.3\overline{72} = \frac{x}{y}$, where x and y are coprime, then what is the value of $(x + y)$?

- Ans
- ☐ 1. 186
 - ☐ 2. 134
 - ☒ 3. 151
 - ☐ 4. 143

Question ID : 75189712606

Option 1 ID : 75189750424

Option 2 ID : 75189750421

Option 3 ID : 75189750423

Option 4 ID : 75189750422

Status : Answered

Chosen Option : 3

Q.51 _____ is Calcium sulphate hemihydrate.

- Ans
- ☒ 1. Plaster of Paris
 - ☐ 2. Quicklime
 - ☐ 3. Limestone
 - ☐ 4. Gypsum

Question ID : 75189712804

Option 1 ID : 75189751216

Option 2 ID : 75189751215

Option 3 ID : 75189751214

Option 4 ID : 75189751213

Status : Answered

Chosen Option : 4

Q.52 Madhav starts from Point A and drives 16 km towards the east. He then takes a right turn, drives 4 km, turns right and drives 12 km. He then takes a right turn and drives 11 km, takes a left 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. 12 km towards the west
 - ☐ 2. 6 km towards the east
 - ☒ 3. 7 km towards the south
 - ☐ 4. 8 km towards the south

Question ID : 75189714497

Option 1 ID : 75189757986

Option 2 ID : 75189757987

Option 3 ID : 75189757985

Option 4 ID : 75189757988

Status : Answered

Chosen Option : 1

Q.53 Refer to the following letter, number, symbol series and answer the question.

(Left) 2 & # 4 @ 3 Z 6 A # 5 % 3 * 6 # 9 (Right)

How many letters are there between the second element from the right end and the fifth element from the left end of the given series?

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

Question ID : **75189713213**

Option 1 ID : **75189752851**

Option 2 ID : **75189752850**

Option 3 ID : **75189752852**

Option 4 ID : **75189752849**

Status : **Answered**

Chosen Option : **2**

Q.54 M, N, O, P, Q and R live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. M lives two floors above R, on an odd-numbered floor. Q lives immediately below M. There are only two people living between O and Q. O is not living on the lowermost floor. If N lives immediately above M, then how many people live exactly between Q and P?

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

Question ID : **75189714898**

Option 1 ID : **75189759591**

Option 2 ID : **75189759589**

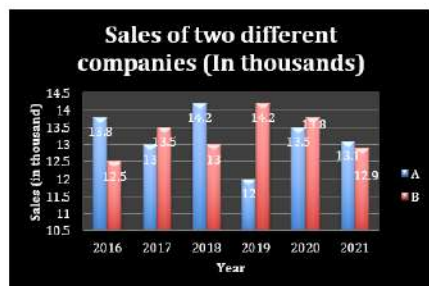
Option 3 ID : **75189759590**

Option 4 ID : **75189759592**

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

Chosen Option : **--**

- Q.55** The given bar graph shows the sales of bikes of two different companies in 6 different years. Study the graph and answer the question that follows.



The total bikes sold by company A in 2016 and 2020 together is approximately what percentage of the total bikes sold by both the companies in 2018?

- Ans**
- ☒ 1. 105%
 - ☒ 2. 100%
 - ☒ 3. 110%
 - ☒ 4. 95%

Question ID : **75189713730**
 Option 1 ID : **75189754919**
 Option 2 ID : **75189754918**
 Option 3 ID : **75189754920**
 Option 4 ID : **75189754917**
 Status : **Answered**
 Chosen Option : **2**

- Q.56** Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

Statements:

Some Buses are Vans.
 All Vans are Trucks.
 Some Buses are Cars.

Conclusions:

(I) Some Trucks are Buses.
 (II) Some Cars are Trucks.

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

Question ID : **75189714598**
 Option 1 ID : **75189758390**
 Option 2 ID : **75189758389**
 Option 3 ID : **75189758392**
 Option 4 ID : **75189758391**
 Status : **Answered**
 Chosen Option : **2**

Q.57 Three bells A, B and C toll every 15 seconds, 24 seconds, and 42 seconds, respectively. If all of them toll together at 8 a.m., then between 8 a.m. and 10 a.m. on the same day, how many times will they all toll together, including the one at 8 a.m.?

- Ans**
- ☒ 1. 7
 - ☒ 2. 6
 - ☒ 3. 9
 - ☒ 4. 8

Question ID : **75189712616**

Option 1 ID : **75189750462**

Option 2 ID : **75189750461**

Option 3 ID : **75189750464**

Option 4 ID : **75189750463**

Status : **Answered**

Chosen Option : **4**

Q.58 Excess of government's revenue expenditure over revenue receipts is termed as _____.

- Ans**
- ☒ 1. capital receipt
 - ☒ 2. income tax
 - ☒ 3. revenue deficit
 - ☒ 4. capital expenditure

Question ID : **75189714063**

Option 1 ID : **75189756251**

Option 2 ID : **75189756250**

Option 3 ID : **75189756249**

Option 4 ID : **75189756252**

Status : **Answered**

Chosen Option : **3**

Q.59 The word 'secular' was added to the preamble of the Constitution of India in the _____ Amendment Act.

- Ans**
- ☒ 1. Seventh
 - ☒ 2. Forty-Second
 - ☒ 3. First
 - ☒ 4. Forty-Fourth

Question ID : **75189712531**

Option 1 ID : **75189750122**

Option 2 ID : **75189750123**

Option 3 ID : **75189750121**

Option 4 ID : **75189750124**

Status : **Answered**

Chosen Option : **2**

Q.60 Why are carbon compounds bad conductors of electricity?

- Ans
- ☒ 1. Because they are ionic in nature
 - ☒ 2. Because they don't form any ions
 - ☒ 3. Because they have high melting and boiling point
 - ☒ 4. Because carbon compounds are solid in nature

Question ID : 75189714987

Option 1 ID : 75189759946

Option 2 ID : 75189759945

Option 3 ID : 75189759947

Option 4 ID : 75189759948

Status : Answered

Chosen Option : 2

Q.61 The device which converts mechanical energy into electrical energy is _____.

- Ans
- ☒ 1. electric motor
 - ☒ 2. electric dynamo
 - ☒ 3. dry cell
 - ☒ 4. compass needle

Question ID : 75189713820

Option 1 ID : 75189755278

Option 2 ID : 75189755277

Option 3 ID : 75189755280

Option 4 ID : 75189755279

Status : Answered

Chosen Option : 2

Q.62 In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $P = Q \geq R \leq S > T < U$

Conclusions:

I. $Q > U$

II. $R \leq P$

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

Question ID : 7518974949

Option 1 ID : 75189719794

Option 2 ID : 75189719796

Option 3 ID : 75189719795

Option 4 ID : 75189719793

Status : Answered

Chosen Option : 1

Q.63 Five friends A, B, C, D and E are seated around a round table facing the centre. B is an immediate neighbour of both D and E. A is an immediate neighbour of D. Which position of E is NOT possible?

- Ans**
- ☒ 1. To the immediate left of C
 - ☒ 2. 3rd to the right of A
 - ☒ 3. Immediate neighbour of A
 - ☒ 4. 3rd to the left of D

Question ID : **75189713591**

Option 1 ID : **75189754364**

Option 2 ID : **75189754363**

Option 3 ID : **75189754361**

Option 4 ID : **75189754362**

Status : **Answered**

Chosen Option : **3**

Q.64 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.)

(7, 19, 40)
(12, 11, 47)

- Ans**
- ☒ 1. (14, 23, 74)
 - ☒ 2. (9, 27, 72)
 - ☒ 3. (15, 31, 48)
 - ☒ 4. (16, 5, 53)

Question ID : **75189714941**

Option 1 ID : **75189759763**

Option 2 ID : **75189759761**

Option 3 ID : **75189759762**

Option 4 ID : **75189759764**

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

Chosen Option : **--**

Q.65 Towards the close of the summer season, pre-monsoon showers are common, especially in Kerala and Karnataka. These showers are referred to as _____.

- Ans**
- ☒ 1. Mango showers
 - ☒ 2. Grape showers
 - ☒ 3. Papaya showers
 - ☒ 4. Orange showers

Question ID : **7518979425**

Option 1 ID : **75189737698**

Option 2 ID : **75189737697**

Option 3 ID : **75189737699**

Option 4 ID : **75189737700**

Status : **Answered**

Chosen Option : **1**

Q.66 Who was India's first Minister of Labour?

- Ans
- ✓ 1. Jagjivan Ram
 - ✗ 2. Amrit Kaur
 - ✗ 3. Rafi Ahmed Kidwai
 - ✗ 4. Cooverji Hormusji Bhabha

Question ID : 75189712490

Option 1 ID : 75189749957

Option 2 ID : 75189749960

Option 3 ID : 75189749959

Option 4 ID : 75189749958

Status : Answered

Chosen Option : 1

Q.67 Which of the following carbon compounds is a major component of biogas and compressed natural gas?

- Ans
- ✓ 1. Methane
 - ✗ 2. Butane
 - ✗ 3. Ethane
 - ✗ 4. Propane

Question ID : 75189712758

Option 1 ID : 75189751029

Option 2 ID : 75189751032

Option 3 ID : 75189751030

Option 4 ID : 75189751031

Status : Answered

Chosen Option : 1

Q.68 Select the option 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)

(85,198,52)

(77,270,32)

- Ans
- ✗ 1. (61,90,47)
 - ✓ 2. (62,90,47)
 - ✗ 3. (62,94,47)
 - ✗ 4. (62,90,45)

Question ID : 75189713712

Option 1 ID : 75189754848

Option 2 ID : 75189754847

Option 3 ID : 75189754846

Option 4 ID : 75189754845

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.69 Where can we find a plumule in a plant?

- Ans
- ☐ 1. In a flower
 - ☒ 2. In a seed
 - ☐ 3. In a leaf
 - ☐ 4. In the root tips

Question ID : 75189712305

Option 1 ID : 75189749218

Option 2 ID : 75189749219

Option 3 ID : 75189749217

Option 4 ID : 75189749220

Status : Answered

Chosen Option : 2

Q.70 Which of the following statements is correct with respect to modern periodic law?

- Ans
- ☐ 1. The atomic number is equal to the only number of protons in a neutral atom.
 - ☒ 2. In a neutral atom, the atomic number is equal to the number of electrons or protons.
 - ☐ 3. The atomic number is neither equal to the number of electrons nor protons in a neutral atom.
 - ☐ 4. In a neutral atom, the atomic number of an atom is equal to only number of electrons.

Question ID : 75189714983

Option 1 ID : 75189759931

Option 2 ID : 75189759929

Option 3 ID : 75189759932

Option 4 ID : 75189759930

Status : Answered

Chosen Option : 2

Q.71 What does 'segregation at source' mean in terms of non-biodegradable wastes?

- Ans
- ☐ 1. People using non-biodegradable items should not add biodegradable items to these items.
 - ☐ 2. Municipalities should have separate disposal sites for non-biodegradable and biodegradable waste.
 - ☐ 3. Factories producing non-biodegradable consumer items should not mix them with biodegradable material.
 - ☒ 4. Households should separate non-biodegradable items from biodegradable items in the trash.

Question ID : 75189712319

Option 1 ID : 75189749274

Option 2 ID : 75189749276

Option 3 ID : 75189749273

Option 4 ID : 75189749275

Status : Answered

Chosen Option : 2

Q.72 Town P is west of town Q. Town P is south-west of town S. Town S is north of town Q. If town R is south-east of town Q and town M is east of town R, then what is the position of town P with respect to town M?

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

Question ID : **75189714918**

Option 1 ID : **75189759672**

Option 2 ID : **75189759669**

Option 3 ID : **75189759671**

Option 4 ID : **75189759670**

Status : **Answered**

Chosen Option : **3**

Q.73 This question consists of a statement followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement –

Segregation of garbage into wet and dry waste will help in recycling it

- I. Wet waste can be converted to organic compost or biogas when managed the right
- II. Recycled plastic can be remanufactured for a wide array of products including carpet, upcycled polyester for clothing, recycled plastic building materials

- Ans**
- ☐ 1. I weakens while II strengthens the statement
 - ☐ 2. II weakens while I strengthens the statement
 - ☒ 3. Both I and II strengthen the statement
 - ☐ 4. Both I and II weaken the statement

Question ID : **75189713170**

Option 1 ID : **75189752677**

Option 2 ID : **75189752678**

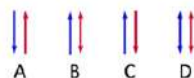
Option 3 ID : **75189752680**

Option 4 ID : **75189752679**

Status : **Answered**

Chosen Option : **1**

Q.74 In the following diagrams, the blue arrows represent transport through the xylem vessels and the red arrows represent transport through the phloem vessels. Which diagram shows the correct direction of transport in the plant stem?



- Ans**
- ☒ 1. Diagram C
 - ☒ 2. Diagram B
 - ☒ 3. Diagram D
 - ☒ 4. Diagram A

Question ID : 75189712252

Option 1 ID : 75189749007

Option 2 ID : 75189749006

Option 3 ID : 75189749008

Option 4 ID : 75189749005

Status : Answered

Chosen Option : 2

Q.75 The enzymes responsible for final conversion of Proteins into amino acids, complex carbohydrates into glucose and fats into fatty acids and glycerol is present in the:

- Ans**
- ☒ 1. bile juice
 - ☒ 2. intestinal juice
 - ☒ 3. gastric juice
 - ☒ 4. pancreatic juice

Question ID : 75189710191

Option 1 ID : 75189740764

Option 2 ID : 75189740761

Option 3 ID : 75189740763

Option 4 ID : 75189740762

Status : Answered

Chosen Option : 4

Q.76 In which year did ISRO launch EOS-04, INS-2TD and INSPIRESat-1 satellites?

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

Question ID : 75189712449

Option 1 ID : 75189749796

Option 2 ID : 75189749793

Option 3 ID : 75189749795

Option 4 ID : 75189749794

Status : Answered

Chosen Option : 4

Q.77

Expand $\left(\frac{1}{2}x + 3y - \frac{1}{3}z\right)^2$.

Ans

✗ 1. $\frac{1}{4}x^2 + 9y^2 - \frac{1}{9}z^2 - 3xy - 2yz - \frac{xz}{3}$

✗ 2. $\frac{1}{4}x^2 + 9y^2 - \frac{1}{9}z^2 + 3xy - 2yz - \frac{xz}{3}$

✓ 3. $\frac{1}{4}x^2 + 9y^2 + \frac{1}{9}z^2 + 3xy - 2yz - \frac{xz}{3}$

✗ 4. $\frac{1}{4}x^2 + 9y^2 + \frac{1}{9}z^2 - 3xy + 2yz + \frac{xz}{3}$

Question ID : 75189712061

Option 1 ID : 75189748244

Option 2 ID : 75189748242

Option 3 ID : 75189748241

Option 4 ID : 75189748243

Status : Answered

Chosen Option : 3

Q.78

The given table shows the expenditure (in millions) on different things of families living in 5 different cities. Study the table and answer the question that follows.

City	Type of expenditure				
	Food	Education	Loan	Travel	Entertainment
A	10	20	17	9	15
B	12	18	10	7	17
C	18	23	23	11	20
D	13	27	14	5	23
E	21	13	25	20	14

The percentage of expenditure on travel with respect to that on food is the maximum in which city?

Ans

✗ 1. City A

✗ 2. City C

✗ 3. City D

✓ 4. City E

Question ID : 75189713739

Option 1 ID : 75189754953

Option 2 ID : 75189754954

Option 3 ID : 75189754955

Option 4 ID : 75189754956

Status : Answered

Chosen Option : 4

Q.79 Plaster of Paris is prepared by heating _____.

- Ans
- ☒ 1. gypsum at 373 K
 - ☐ 2. limestone at 373 K
 - ☐ 3. gypsum at 273 K
 - ☐ 4. limestone at 273 K

Question ID : 75189712805

Option 1 ID : 75189751217

Option 2 ID : 75189751218

Option 3 ID : 75189751220

Option 4 ID : 75189751219

Status : Answered

Chosen Option : 1

Q.80 The shape of the voltage-current graph for a conductor is _____.

- Ans
- ☐ 1. Parabolic
 - ☒ 2. linear
 - ☐ 3. zig-zag
 - ☐ 4. exponential

Question ID : 75189713778

Option 1 ID : 75189755111

Option 2 ID : 75189755109

Option 3 ID : 75189755112

Option 4 ID : 75189755110

Status : Answered

Chosen Option : 2

Q.81 If $\triangle XYZ \cong \triangle ABC$, which of the following is necessarily correct?

- Ans
- ☐ 1. $m(\overline{XY}) = m(\overline{AC})$
 - ☐ 2. $m(\overline{XZ}) = m(\overline{BC})$
 - ☐ 3. $m(\overline{YZ}) = m(\overline{AB})$
 - ☒ 4. $m(\overline{XZ}) = m(\overline{AC})$

Question ID : 75189713411

Option 1 ID : 75189753641

Option 2 ID : 75189753642

Option 3 ID : 75189753643

Option 4 ID : 75189753644

Status : Answered

Chosen Option : 4

Q.82 Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

Statements:

All Tables are Dinners.
Some Dinners are Plates.
All Plates are Bowls.

Conclusions:

(I) Some Tables are Plates.
(II) All Dinners are Bowls.

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

Question ID : **75189714596**

Option 1 ID : **75189758381**

Option 2 ID : **75189758384**

Option 3 ID : **75189758383**

Option 4 ID : **75189758382**

Status : **Answered**

Chosen Option : **2**

Q.83 A needle of height 6 cm is placed at a distance of 20 cm in front of a lens with a power of -2.5 D. The height of the image of the needle will be:

- Ans**
- ☒ 1. 4 cm
 - ☒ 2. 6 cm
 - ☒ 3. 7 cm
 - ☒ 4. 5 cm

Question ID : **75189711291**

Option 1 ID : **75189745161**

Option 2 ID : **75189745163**

Option 3 ID : **75189745164**

Option 4 ID : **75189745162**

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

Chosen Option : **--**

Q.84 A, B and C can complete a piece of work in 18 days, 24 days and 60 days, respectively. In how many days will the work be completed, if A works on all days, and is assisted by B and C on alternate days, starting with B assisting A on the first day?

Ans

- ☒ 1. $12\frac{1}{9}$
- ☒ 2. $11\frac{11}{42}$
- ☒ 3. $11\frac{5}{13}$
- ☒ 4. $11\frac{10}{13}$

Question ID : **75189712634**

Option 1 ID : **75189750535**

Option 2 ID : **75189750536**

Option 3 ID : **75189750533**

Option 4 ID : **75189750534**

Status : **Answered**

Chosen Option : **4**

Q.85 Which of the following is a COVID-19 Omicron hybrid strain, which was found in April 2022?

Ans

- ☒ 1. XE
- ☒ 2. FE
- ☒ 3. XX
- ☒ 4. ZE

Question ID : **75189712448**

Option 1 ID : **75189749789**

Option 2 ID : **75189749792**

Option 3 ID : **75189749791**

Option 4 ID : **75189749790**

Status : **Answered**

Chosen Option : **3**

Q.86 X sells a washing machine to Y at a profit of 20%. Y sells it to Z at a loss of 12% and later Z sells it to T at a profit of 30%. If Z earns ₹87.60 more than X as profit, then at what price (in ₹) did Y buy the washing machine?

Ans

- ☒ 1. 960
- ☒ 2. 1,020
- ☒ 3. 900
- ☒ 4. 980

Question ID : **75189712629**

Option 1 ID : **75189750515**

Option 2 ID : **75189750513**

Option 3 ID : **75189750516**

Option 4 ID : **75189750514**

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

Chosen Option : **--**

Q.87 Each of the digits in the number 36275918 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

- Ans**
- ☒ 1. 2
 - ☒ 2. 1
 - ☒ 3. 3
 - ☒ 4. None

Question ID : 75189714563

Option 1 ID : 75189758250

Option 2 ID : 75189758249

Option 3 ID : 75189758251

Option 4 ID : 75189758252

Status : Answered

Chosen Option : 4

Q.88 If each of the letter of the letter cluster 'DEHRAZUN' is arranged in alphabetical order, how many vowels will be immediately preceded by a consonant in the newly formed letter cluster?

- Ans**
- ☒ 1. 0
 - ☒ 2. 3
 - ☒ 3. 1
 - ☒ 4. 2

Question ID : 75189713613

Option 1 ID : 75189754451

Option 2 ID : 75189754449

Option 3 ID : 75189754450

Option 4 ID : 75189754452

Status : Answered

Chosen Option : 4

Q.89 According to Dobereiner's Triads, which of the following elements could be placed between Calcium and Barium?
(Atomic mass of Ca = 40.1 and atomic mass of Ba = 137.3)

- Ans**
- ☒ 1. Phosphorous (atomic mass = 30.97)
 - ☒ 2. Chlorine (atomic mass = 35.5)
 - ☒ 3. Nitrogen (atomic mass = 14.00)
 - ☒ 4. Strontium (atomic mass = 87.62)

Question ID : 75189712812

Option 1 ID : 75189751247

Option 2 ID : 75189751245

Option 3 ID : 75189751248

Option 4 ID : 75189751246

Status : Answered

Chosen Option : 4

Q.90 What was the effect of controlled seasonal grazing by sheep in the alpine meadows of the Himalayan National Park?

Ans ☒ 1.

The National Park provided income and livelihood to the local shepherds.

☒ 2. It removed older grass and allowed new grass to grow.

☒ 3.

It had no effect because sheep were few and the Park is vast.

☒ 4. It destroyed the ground cover and led to soil erosion.

Question ID : 75189712324

Option 1 ID : 75189749295

Option 2 ID : 75189749294

Option 3 ID : 75189749296

Option 4 ID : 75189749293

Status : Answered

Chosen Option : 4

Q.91 In a certain code language, 'SPACE' is written as 'QNDAH' and 'CRAFT' is written as 'APDDR'. How will 'SPEED' be written in the same code language?

Ans ☒ 1. QSHHG

☒ 2. QNCCB

☒ 3. QNHHB

☒ 4. QSHHB

Question ID : 75189713624

Option 1 ID : 75189754495

Option 2 ID : 75189754493

Option 3 ID : 75189754496

Option 4 ID : 75189754494

Status : Answered

Chosen Option : 3

Q.92 Recently the Government of India has raised the age of marriage for girls to 21. What is the benefit of following this law?

Ans ☒ 1. It will discourage teen pregnancies.

☒ 2. It will help couples to be financially independent.

☒ 3. It will slow down population growth.

☒ 4. It will ensure girls have reached puberty.

Question ID : 75189712279

Option 1 ID : 75189749114

Option 2 ID : 75189749116

Option 3 ID : 75189749113

Option 4 ID : 75189749115

Status : Answered

Chosen Option : 1

Q.93

The value of $\frac{[(34.45)]^2 - (11.75)^2 \times 5.15}{[(25.75)^2 + (25.75 \times 20.45)] \times 22.7}$ is:

Ans

- ✓ 1. $\frac{1}{5}$
✗ 2. $\frac{1}{2}$
✗ 3. $\frac{2}{3}$
✗ 4. $\frac{1}{10}$

Question ID : 75189712603

Option 1 ID : 75189750410

Option 2 ID : 75189750412

Option 3 ID : 75189750411

Option 4 ID : 75189750409

Status : Answered

Chosen Option : 1

Q.94

Namita completes $33\frac{1}{3}\%$ of a piece of work alone in 16 days and the remaining work is completed by Bobby alone. The entire work is completed in a total of 28 days. Working together, Namita and Bobby can complete $\frac{11}{16}$ part of the original work in:

Ans

- ✓ 1. 9 days
✗ 2. 8 days
✗ 3. 12 days
✗ 4. 6 days

Question ID : 75189712632

Option 1 ID : 75189750527

Option 2 ID : 75189750526

Option 3 ID : 75189750528

Option 4 ID : 75189750525

Status : Answered

Chosen Option : 1

Q.95 The sum of the ages of three persons is 44 years and the numerical product of their ages is 1950. Also, the difference in the ages of the second and the third person, when subtracted from the difference in the ages of the first and the second person, is 5 years. Find the present age of the second person.

- Ans**
- ☒ 1. 10 years
 - ☒ 2. 6 years
 - ☒ 3. 13 years
 - ☒ 4. 25 years

Question ID : **75189711792**

Option 1 ID : **75189747168**

Option 2 ID : **75189747166**

Option 3 ID : **75189747167**

Option 4 ID : **75189747165**

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

Chosen Option : --

Q.96 In which year was India's first National Air Sports Policy (NASP) released by the Ministry of Civil Aviation?

- Ans**
- ☒ 1. 2019
 - ☒ 2. 2021
 - ☒ 3. 2017
 - ☒ 4. 2022

Question ID : **75189712525**

Option 1 ID : **75189750099**

Option 2 ID : **75189750098**

Option 3 ID : **75189750100**

Option 4 ID : **75189750097**

Status : **Answered**

Chosen Option : 4

Q.97 As of July 2022, who is the highest wicket-taker in the history of the ICC Women's Cricket World Cup?

- Ans**
- ☒ 1. Jhulan Goswami
 - ☒ 2. Mithali Raj
 - ☒ 3. Shafali Verma
 - ☒ 4. Harmanpreet Kaur

Question ID : **75189712550**

Option 1 ID : **75189750198**

Option 2 ID : **75189750197**

Option 3 ID : **75189750199**

Option 4 ID : **75189750200**

Status : **Answered**

Chosen Option : 1

Q.98 The magnitude of the magnetic field of a current carrying conductor increases with increase in _____.

- Ans
- ☐ 1. resistance
 - ☐ 2. distance
 - ☐ 3. Resistivity
 - ☒ 4. current

Question ID : **75189713867**
Option 1 ID : **75189755467**
Option 2 ID : **75189755466**
Option 3 ID : **75189755468**
Option 4 ID : **75189755465**
Status : **Answered**
Chosen Option : **4**

Q.99 Which is the first Indian language that was given the status of 'classical language' by the Ministry of Culture, Government of India?

- Ans
- ☐ 1. Kannada
 - ☐ 2. Malayalam
 - ☐ 3. Odia
 - ☒ 4. Tamil

Question ID : **7518979384**
Option 1 ID : **75189737536**
Option 2 ID : **75189737534**
Option 3 ID : **75189737535**
Option 4 ID : **75189737533**
Status : **Answered**
Chosen Option : **1**

Q.100 Which Ministry of the Government of India announced the Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY) in the year 2014?

- Ans
- ☒ 1. Ministry of Rural Development
 - ☐ 2. Ministry of Micro, Small and Medium Enterprises
 - ☐ 3. Ministry of Home Affairs
 - ☐ 4. Ministry of Finance

Question ID : **75189712471**
Option 1 ID : **75189749884**
Option 2 ID : **75189749881**
Option 3 ID : **75189749883**
Option 4 ID : **75189749882**
Status : **Answered**
Chosen Option : **2**