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	iON Digital Zone iDZ 1 Patia
Test Date	07/10/2022
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 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 is numbered 2, and so on till the topmost floor is numbered 6.

C lives immediately below F. C lives on one of the floors above floor number 3. Only two people live between C and B. Only one person lives between E and D. E lives on one of the floors above B. Who lives on floor number 5?

Ans　✘ 1.　F

　　　✔ 2.　C

　　　✘ 3.　A

　　　✘ 4.　E

Question ID : **75189715357**
Option 1 ID : **75189761427**
Option 2 ID : **75189761426**
Option 3 ID : **75189761425**
Option 4 ID : **75189761428**
Status : **Answered**
Chosen Option : **2**

Q.2 H, I. J, K, L, and M are six people sitting around a circular table facing the centre of the table for a group discussion. H is seated second to the right of J. L is seated third to the left of H. M is not the immediate neighbour of K. K is the immediate neighbour of L. Who is seated second to the right of L?

Ans　✘ 1.　H

　　　✘ 2.　K

　　　✘ 3.　I

　　　✔ 4.　M

Question ID : **75189714713**
Option 1 ID : **75189758850**
Option 2 ID : **75189758852**
Option 3 ID : **75189758849**
Option 4 ID : **75189758851**
Status : **Answered**
Chosen Option : **4**

Q.3 আমরা জানি যে বৃষ্টির জলের pH এর মান 5.6 এর থেকে কম হলে তাকে 'অম্ল বৃষ্টি' বলে। এই আম্লিক জল নদীতে প্রবাহিত হলে কী হয়?

Ans

✔ 1. নদীর জলের pH কমে যায়।

✘ 2. নদীর জলে মাছের সংখ্যা বেড়ে যায়।

✘ 3. নদীর জল পান করার জন্য আরও স্বাস্থ্যকর হয়ে ওঠে।

✘ 4. জল কিছুটা ক্ষারীয় হয়ে যায়।

Question ID : **7518979644**
Option 1 ID : **75189738575**
Option 2 ID : **75189738576**
Option 3 ID : **75189738573**
Option 4 ID : **75189738574**
Status : **Answered**
Chosen Option : **1**

Q.4 A statement is given followed by four conclusions. Find out which conclusion is NOT true based on the given statement.

Statement: $A = B > C \geq D > E < F = G$

Conclusions:

1) $A \geq F$

2) $E < G$

3) $B > E$

4) $C > E$

Ans

✘ 1. 2

✔ 2. 1

✘ 3. 3

✘ 4. 4

Question ID : **75189713195**
Option 1 ID : **75189752778**
Option 2 ID : **75189752777**
Option 3 ID : **75189752779**
Option 4 ID : **75189752780**
Status : **Answered**
Chosen Option : **2**

Q.5 One early morning, Mona and Shreya were talking while facing each other. Mona's shadow was directly falling on Shreya. In which direction was Shreya facing towards?

Ans
- ✗ 1. North
- ✗ 2. West
- ✗ 3. South
- ✓ 4. East

Question ID : **75189713631**
Option 1 ID : **75189754521**
Option 2 ID : **75189754524**
Option 3 ID : **75189754522**
Option 4 ID : **75189754523**
Status : **Answered**
Chosen Option : **4**

Q.6 অম্ল বা ক্ষারক জলে মেশালে কী হবে?

i) প্রতি একক আয়তনে আয়নের ঘনত্ব বৃদ্ধি পাবে।

ii) প্রতি একক আয়তনে আয়নের ঘনত্ব হ্রাস।

iii) দ্রবণ লঘু হয়ে যাবে।

iv) দ্রবণ আরও গাঢ় হবে।

Ans
- ✓ 1. শুধুমাত্র (ii) এবং (iii)
- ✗ 2. শুধুমাত্র (i)
- ✗ 3. শুধুমাত্র (i) এবং (iv)
- ✗ 4. শুধুমাত্র (ii)

Question ID : **75189713964**
Option 1 ID : **75189755856**
Option 2 ID : **75189755853**
Option 3 ID : **75189755855**
Option 4 ID : **75189755854**
Status : **Not Answered**
Chosen Option : **--**

Q.7 Ram has a corrective lens of power –6.5 D. The focal length of the lens is:

Ans
- ✗ 1. –13.76 cm
- ✗ 2. 15.38 cm
- ✗ 3. +13.76 cm
- ✔ 4. –15.38 cm

Question ID : **75189712210**
Option 1 ID : **75189748839**
Option 2 ID : **75189748838**
Option 3 ID : **75189748840**
Option 4 ID : **75189748837**
Status : **Answered**
Chosen Option : **4**

Q.8 Which of the following is a quadratic equation?

Ans
- ✔ 1. $(x + 1)^2 = 2(x - 1)$
- ✗ 2. $3x^2 + 2x + 5 = 8x + 3 + 3x^2$
- ✗ 3. $(x + 1)^2 = (x - 1)^3$
- ✗ 4. $(x + 1)^2 = (x - 1)^2$

Question ID : **75189713376**
Option 1 ID : **75189753503**
Option 2 ID : **75189753504**
Option 3 ID : **75189753502**
Option 4 ID : **75189753501**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.9 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 Pens are Blues.
Some Blues are Plastics.
Some Plastics are Inks.

Conclusions:
(I) Some Plastics are Pens.
(II) Some Blues are Inks.

Ans ✔ 1. Neither conclusion (I) nor (II) follows.

✘ 2. Only conclusion (I) follows.

✘ 3. Only conclusion (II) follows.

✘ 4. Both conclusions (I) and (II) follow.

Question ID : **75189714590**
Option 1 ID : **75189758360**
Option 2 ID : **75189758357**
Option 3 ID : **75189758358**
Option 4 ID : **75189758359**
Status : **Answered**
Chosen Option : **1**

Q.10 যদি 8456514 সংখ্যাটির প্রতিটি বিজোড় অঙ্কের সাথে 3 যোগ করা হলে এবং প্রতিটি জোড় অঙ্ক থেকে 2 বিয়োগ করা হলে, বাম দিক থেকে দ্বিতীয় এবং ডান দিক থেকে তৃতীয় অঙ্কের যোগফল কত হবে?

Ans ✘ 1. 11

✔ 2. 10

✘ 3. 8

✘ 4. 9

Question ID : **75189713058**
Option 1 ID : **75189752232**
Option 2 ID : **75189752230**
Option 3 ID : **75189752229**
Option 4 ID : **75189752231**
Status : **Answered**
Chosen Option : **2**

Q.11 For an electric generator, which of the following statement(s) are true:

(i)Induced current can be increased by increasing the number of turns in the coil

(ii) Induced current can be increased by increasing the speed of the coil

(iii) Induced current can be increased by decreasing the applied magnetic field

Ans

  ✗ 1. Only (ii)

  ✗ 2. Only (i)

  ✓ 3. Both (i) and (ii)

  ✗ 4. Both (ii) and (iii)

> Question ID : **75189713898**
> Option 1 ID : **75189755590**
> Option 2 ID : **75189755589**
> Option 3 ID : **75189755591**
> Option 4 ID : **75189755592**
> Status : **Answered**
> Chosen Option : **3**

Q.12 If 8 : 9 :: 24 : y, then find the value of y.

Ans

  ✓ 1. 27

  ✗ 2. 6

  ✗ 3. 18

  ✗ 4. 12

> Question ID : **75189714319**
> Option 1 ID : **75189757276**
> Option 2 ID : **75189757273**
> Option 3 ID : **75189757275**
> Option 4 ID : **75189757274**
> Status : **Answered**
> Chosen Option : **1**

Q.13 Which of the following is an economic situation in which all-available labour resources are being used in the most efficient way possible?

Ans

  ✗ 1. Under employment

  ✗ 2. Over full employment

  ✗ 3. Null employment

  ✓ 4. Full employment

> Question ID : **75189715431**
> Option 1 ID : **75189761722**
> Option 2 ID : **75189761721**
> Option 3 ID : **75189761724**
> Option 4 ID : **75189761723**
> Status : **Answered**
> Chosen Option : **4**

Q.14 What makes the xylem vessels waterproof?

Ans   ✗ 1. Cutin

  ✗ 2. Cellulose

  ✓ 3. Lignin

  ✗ 4. Suberin

Question ID : **75189712255**
Option 1 ID : **75189749018**
Option 2 ID : **75189749019**
Option 3 ID : **75189749017**
Option 4 ID : **75189749020**
Status : **Not Answered**
Chosen Option : **--**

Q.15 In this question, the statement is followed by four conclusions. Find out which conclusion is NOT true based on the given statement.

Statement : $H < U \leq W = P > Y > E \geq N$

Ans   ✗ 1. $U \leq P$

  ✓ 2. $H \leq P$

  ✗ 3. $P > N$

  ✗ 4. $E < P$

Question ID : **75189714208**
Option 1 ID : **75189756829**
Option 2 ID : **75189756832**
Option 3 ID : **75189756831**
Option 4 ID : **75189756830**
Status : **Answered**
Chosen Option : **2**

Q.16 In January 2022, in which of the following countries was a pig's heart transplanted to a human?

Ans   ✗ 1. England

  ✗ 2. China

  ✗ 3. Germany

  ✓ 4. USA

Question ID : **75189715404**
Option 1 ID : **75189761613**
Option 2 ID : **75189761616**
Option 3 ID : **75189761615**
Option 4 ID : **75189761614**
Status : **Answered**
Chosen Option : **4**

Q.17 Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

Statements:
All cheetahs are monkeys.
All monkeys are bears.
All bears are jungles.

Conclusions:
(I) Some jungles are cheetahs
(II) All monkeys are cheetahs
(III) No monkey is a cheetah

Ans

✘ 1. Only conclusion II follows

✘ 2. Either conclusion I or III follows

✘ 3. None of the conclusions follow

✔ 4. Only conclusion I follows

Question ID : **75189714529**
Option 1 ID : **75189758114**
Option 2 ID : **75189758115**
Option 3 ID : **75189758116**
Option 4 ID : **75189758113**
Status : **Answered**
Chosen Option : **4**

Q.18 The diagonals of rhombus are 12 cm and 16 cm. The length of the side of rhombus is:

Ans

✔ 1. 10 cm

✘ 2. 16 cm

✘ 3. 12 cm

✘ 4. 8 cm

Question ID : **75189712098**
Option 1 ID : **75189748389**
Option 2 ID : **75189748391**
Option 3 ID : **75189748392**
Option 4 ID : **75189748390**
Status : **Answered**
Chosen Option : **1**

Q.19 Simplify $\sqrt{\dfrac{1+\cos x}{1-\cos x}}$, $0° < x < 90°$.

Ans   ✗ 1. $\tan x + \csc x$

      ✗ 2. $\cot x + \tan x$

      ✗ 3. $\sec x + \tan x$

      ✔ 4. $\cot x + \csc x$

Question ID : **75189713472**
Option 1 ID : **75189753886**
Option 2 ID : **75189753888**
Option 3 ID : **75189753887**
Option 4 ID : **75189753885**
Status : **Not Answered**
Chosen Option : **--**

Q.20 If counted from the left, How many letters in the word 'HYDROMAGNETIC' holds the same position in the word as its position in the English alphabetical order?

Ans   ✔ 1. None

      ✗ 2. Three

      ✗ 3. One

      ✗ 4. Two

Question ID : **75189713558**
Option 1 ID : **75189754231**
Option 2 ID : **75189754232**
Option 3 ID : **75189754229**
Option 4 ID : **75189754230**
Status : **Answered**
Chosen Option : **1**

Q.21 The formation of 'Ward Committees' in the area of a municipality is required under the Indian Constitution. The population of such a municipality should be _____.

Ans   ✔ 1. three lakhs or more

      ✗ 2. two lakhs or more

      ✗ 3. one lakh or more

      ✗ 4. five lakhs or more

Question ID : **75189714079**
Option 1 ID : **75189756315**
Option 2 ID : **75189756314**
Option 3 ID : **75189756313**
Option 4 ID : **75189756316**
Status : **Not Answered**
Chosen Option : **--**

Q.22 নিচের কোনটি শক্তির অ-নবীকরণযোগ্য শক্তির উৎস নয়?

Ans ✗ 1. কয়লা

✓ 2. বায়ু

✗ 3. প্রাকৃতিক গ্যাস

✗ 4. পেট্রোলিয়াম

Question ID : 75189712211
Option 1 ID : 75189748842
Option 2 ID : 75189748844
Option 3 ID : 75189748843
Option 4 ID : 75189748841
Status : Answered
Chosen Option : 2

Q.23 The perimeter of a rhombus is 146 cm and one of its diagonals is 55 cm. Find the area of the rhombus.

Ans ✗ 1. 2460 cm^2

✓ 2. 1320 cm^2

✗ 3. 2640 cm^2

✗ 4. 1325 cm^2

Question ID : 75189711804
Option 1 ID : 75189747213
Option 2 ID : 75189747215
Option 3 ID : 75189747214
Option 4 ID : 75189747216
Status : Answered
Chosen Option : 2

Q.24 If ΔABC and ΔDEF are similar and AB = 6 cm, DE= 8 cm, EF= 10 cm and FD = 14 cm, then the perimeter of ΔABC is:

Ans ✗ 1. 20 cm

✓ 2. 24 cm

✗ 3. 14 cm

✗ 4. 16 cm

Question ID : 75189713458
Option 1 ID : 75189753830
Option 2 ID : 75189753829
Option 3 ID : 75189753832
Option 4 ID : 75189753831
Status : Answered
Chosen Option : 2

Q.25 Simplify the following.

$$\left(\frac{(xy^2z)^{-3}}{y^{-3}}\right)^2$$

Ans ✗ 1. $x^6y^{18}z^6$

✔ 2. $\dfrac{1}{x^6y^6z^6}$

✗ 3. $\dfrac{1}{x^6y^{18}z^6}$

✗ 4. $x^6y^6z^6$

Question ID : **75189713254**
Option 1 ID : **75189753015**
Option 2 ID : **75189753013**
Option 3 ID : **75189753016**
Option 4 ID : **75189753014**
Status : **Answered**
Chosen Option : **1**

Q.26 Pipe P can fill a tank in 28 minutes and pipe Q can fill it in 35 minutes. If pipes P and Q are opened simultaneously when the tank is empty and pipe P is closed after 12 minutes, then how much more time will it take pipe Q to fill the remaining tank by itself?

Ans ✗ 1. 12 minutes

✗ 2. 16 minutes

✗ 3. 14 minutes

✔ 4. 8 minutes

Question ID : **75189714352**
Option 1 ID : **75189757405**
Option 2 ID : **75189757406**
Option 3 ID : **75189757407**
Option 4 ID : **75189757408**
Status : **Answered**
Chosen Option : **4**

Q.27 What is the median of the data 8.1, 4.2, 6.8, 9.9, 7.5, 11.2, 10.8, 13.5?

Ans
✗ 1. 8.1
✗ 2. 8.7
✔ 3. 9
✗ 4. 9.9

Question ID : **75189714365**
Option 1 ID : **75189757459**
Option 2 ID : **75189757457**
Option 3 ID : **75189757458**
Option 4 ID : **75189757460**
Status : **Answered**
Chosen Option : **3**

Q.28 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(3, 261, 29)

(5, 360, 24)

Ans
✗ 1. (8, 218, 13)
✗ 2. (3, 188, 28)
✔ 3. (7, 231, 11)
✗ 4. (4, 218, 26)

Question ID : **75189715124**
Option 1 ID : **75189760493**
Option 2 ID : **75189760495**
Option 3 ID : **75189760496**
Option 4 ID : **75189760494**
Status : **Answered**
Chosen Option : **3**

Q.29 The induced emf developed in a conductor when it is moved in a direction parallel to the magnetic field is _____.

Ans
✗ 1. Minimum
✔ 2. Zero
✗ 3. Maximum
✗ 4. Infinity

Question ID : **75189713889**
Option 1 ID : **75189755555**
Option 2 ID : **75189755556**
Option 3 ID : **75189755554**
Option 4 ID : **75189755553**
Status : **Not Answered**
Chosen Option : **--**

Q.30 A certain number of people are sitting in a row, facing north. Only two people sit between R and S. P sits to the immediate left of R. T sits second to the right of S. Q sits second to the left of P. U sits second to the right of T. If no other person is sitting in the row, what is the total number of persons seated?

Ans ✗ 1. 9

✗ 2. 10

✗ 3. 12

✓ 4. 11

Question ID : **75189713020**
Option 1 ID : **75189752080**
Option 2 ID : **75189752078**
Option 3 ID : **75189752077**
Option 4 ID : **75189752079**
Status : **Answered**
Chosen Option : **4**

Q.31 The total energy consumed for 30 days by an air cooler rated 300 watt operating 12 hours per day is _____.

Ans ✗ 1. 108 joule

✓ 2. 108 KWh

✗ 3. 108 Wh

✗ 4. 108 joule-second

Question ID : **75189713843**
Option 1 ID : **75189755371**
Option 2 ID : **75189755370**
Option 3 ID : **75189755369**
Option 4 ID : **75189755372**
Status : **Answered**
Chosen Option : **2**

Q.32 If $u + v = -2$ and $u^2 + v^2 = 16$, then the value of $(u - v)^2$ is:

Ans ✗ 1. 8

✗ 2. 14

✓ 3. 28

✗ 4. 16

Question ID : **75189714372**
Option 1 ID : **75189757485**
Option 2 ID : **75189757487**
Option 3 ID : **75189757488**
Option 4 ID : **75189757486**
Status : **Answered**
Chosen Option : **3**

Q.33 প্রতিস্থাপন বিক্রিয়ার ক্ষেত্রে নিচের কোন বিবৃতিটি সঠিক?

Ans ✔ 1.

একটি অধিক বিক্রিয়াশীল ধাতু একটি কম বিক্রিয়াশীল ধাতুকে তার জলীয় দ্রবণ থেকে প্রতিস্থাপিত করে।

✘ 2.

একটি রাসায়নিক বিক্রিয়া যেখানে একটি একক যৌগ গঠিত হয়।

✘ 3.

একটি কম বিক্রিয়াশীল ধাতু একটি অধিক বিক্রিয়াশীল ধাতুকে তার জলীয় দ্রবণ থেকে প্রতিস্থাপিত করে।

✘ 4.

একটি কম তড়িৎ ঋণাত্মক অ-ধাতু একটি কম তড়িৎ ঋণাত্মক ধাতুকে তার জলীয় দ্রবণ থেকে প্রতিস্থাপিত করে।

Question ID : **75189714981**
Option 1 ID : **75189759922**
Option 2 ID : **75189759921**
Option 3 ID : **75189759924**
Option 4 ID : **75189759923**
Status : **Answered**
Chosen Option : **1**

Q.34 The number of covalent bonds involved in the formation of a nitrogen molecule is:

Ans ✘ 1. one

✘ 2. four

✘ 3. two

✔ 4. three

Question ID : **75189712764**
Option 1 ID : **75189751053**
Option 2 ID : **75189751056**
Option 3 ID : **75189751054**
Option 4 ID : **75189751055**
Status : **Not Answered**
Chosen Option : **--**

Q.35 Which of the following statements is/are true regarding the center of curvature of a spherical mirror?

(I) A ray of light passing through the center of curvature of a spherical mirror retraces its path in opposite direction.

(II) An image formed at the center of curvature of a spherical mirror is of the same size as that of the object.

(III) An image formed at the center of curvature of a spherical mirror is real and inverted.

Ans ✔ 1. (I), (II) and (III)

✘ 2. Only (I)

✘ 3. Only (I) and (III)

✘ 4. Only (I) and (II)

Question ID : **75189714098**
Option 1 ID : **75189756392**
Option 2 ID : **75189756389**
Option 3 ID : **75189756391**
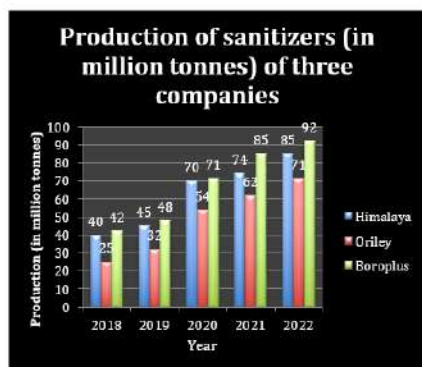Option 4 ID : **75189756390**
Status : **Answered**
Chosen Option : **1**

Q.36 Mendel's law of independent assortment was based on parent pea plants differing in how many traits?

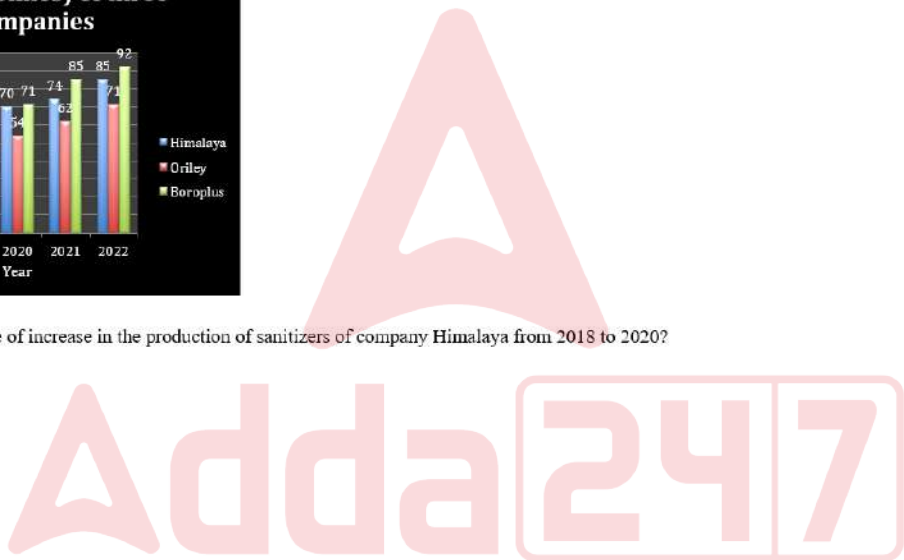Ans ✗ 1. Four

✗ 2. One

✗ 3. Three

✓ 4. Two

Question ID : **75189714861**
Option 1 ID : **75189759444**
Option 2 ID : **75189759441**
Option 3 ID : **75189759443**
Option 4 ID : **75189759442**
Status : **Not Answered**
Chosen Option : **--**

Q.37 The given bar graph shows the production (in million tonnes) of three different companies making hand sanitizers (Himalaya, Oriley, Boroplus) for 5 years. Study the graph and answer the question that follows.

What is the percentage of increase in the production of sanitizers of company Himalaya from 2018 to 2020?

Ans ✗ 1. 80%

✗ 2. 70%

✗ 3. 95%

✓ 4. 75%

Question ID : **75189713732**
Option 1 ID : **75189754927**
Option 2 ID : **75189754925**
Option 3 ID : **75189754928**
Option 4 ID : **75189754926**
Status : **Answered**
Chosen Option : **4**

Q.38 What is the reason that the lungs have alveoli?

Ans ✗ 1. To give mechanical support to the lungs

✗ 2. To provide pumping action for the lungs

✗ 3. To increase the volume of the lungs

✔ 4. To increase the surface area

Question ID : **75189712267**
Option 1 ID : **75189749068**
Option 2 ID : **75189749066**
Option 3 ID : **75189749067**
Option 4 ID : **75189749065**
Status : **Answered**
Chosen Option : **2**

Q.39 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

V37E, P27H, J19L, ?
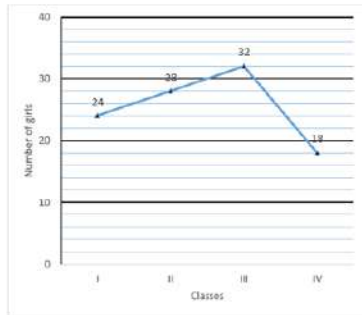
Ans ✗ 1. C11P

✗ 2. E11R

✔ 3. D13Q

✗ 4. E15R

Question ID : **75189710826**
Option 1 ID : **75189743303**
Option 2 ID : **75189743304**
Option 3 ID : **75189743301**
Option 4 ID : **75189743302**
Status : **Answered**
Chosen Option : **3**

Q.40 Study the given line graph and answer the following question.

The given line graph depicts the number of girls in four classes (I, II, III and IV).

If the total number of boys in classes I, II and IV is 27 more than the total number of girls in the same classes, what is the total number of boys in classes I, II and IV?

Ans

✗ 1. 94

✗ 2. 85

✗ 3. 87

✔ 4. 97

Question ID : **75189712725**
Option 1 ID : **75189750899**
Option 2 ID : **75189750900**
Option 3 ID : **75189750898**
Option 4 ID : **75189750897**
Status : **Answered**
Chosen Option : **3**

Q.41 Which Indian state celebrates the Moatsu festival?

Ans

✔ 1. Nagaland

✗ 2. Arunachal Pradesh

✗ 3. Manipur

✗ 4. Mizoram

Question ID : **75189714046**
Option 1 ID : **75189756183**
Option 2 ID : **75189756184**
Option 3 ID : **75189756181**
Option 4 ID : **75189756182**
Status : **Not Answered**
Chosen Option : **--**

Q.42 In a two-digit number, the digit in the tens' place is twice the digit in the units' place. If the digits are interchanged, then the number thus formed is 9 less than the original number. Find the original number.

Ans
✗ 1. 12
✔ 2. 21
✗ 3. 63
✗ 4. 42

Question ID : **75189713365**
Option 1 ID : **75189753460**
Option 2 ID : **75189753457**
Option 3 ID : **75189753459**
Option 4 ID : **75189753458**
Status : **Answered**
Chosen Option : **2**

Q.43 The ratio of the numbers of ₹10 notes, ₹20 notes and ₹50 notes in a box is given as 3 : 5 : 7. The total amount of cash in the box is ₹3,360 . Find the number of ₹20 notes in that box.

Ans
✗ 1. 25
✔ 2. 35
✗ 3. 45
✗ 4. 15

Question ID : **75189714312**
Option 1 ID : **75189757247**
Option 2 ID : **75189757246**
Option 3 ID : **75189757245**
Option 4 ID : **75189757248**
Status : **Answered**
Chosen Option : **2**

Q.44 An example of a series circuit is _____.

Ans
✔ 1. decoration lights
✗ 2. car head lights
✗ 3. the wiring system at home
✗ 4. Street lights

Question ID : **75189713804**
Option 1 ID : **75189755216**
Option 2 ID : **75189755213**
Option 3 ID : **75189755214**
Option 4 ID : **75189755215**
Status : **Answered**
Chosen Option : **1**

Q.45 The power of an electric bulb in which a current of 2 amp flows when it is connected to a 220 V generator is _____.

Ans

✘ 1. 120 joule

✘ 2. 120 watt

✔ 3. 440 watt

✘ 4. 440 joule

Question ID : **75189713837**
Option 1 ID : **75189755345**
Option 2 ID : **75189755346**
Option 3 ID : **75189755348**
Option 4 ID : **75189755347**
Status : **Answered**
Chosen Option : **3**

Q.46 Two successive discounts of 5% and 12% are offered on the sale of an article whose marked price is ₹1,500. The selling price of the article is:

Ans

✘ 1. ₹1,253

✔ 2. ₹1,254

✘ 3. ₹1,234

✘ 4. ₹1,264

Question ID : **75189714332**
Option 1 ID : **75189757327**
Option 2 ID : **75189757326**
Option 3 ID : **75189757325**
Option 4 ID : **75189757328**
Status : **Answered**
Chosen Option : **2**

Q.47 Six persons (Ram, Tom, Bob, Joy, Sam and Hob) are sitting around a circular table facing the centre. Ram is sitting third to the left of Sam. Joy is sitting third to the left of Tom. Bob is an immediate neighbour of Ram and Joy. Hob is an immediate neighbour of Sam and Tom. If Ram is sitting to the immediate left of Bob, who is sitting third to the right of Ram?

Ans

✔ 1. Sam

✘ 2. Hob

✘ 3. Joy

✘ 4. Bob

Question ID : **75189713509**
Option 1 ID : **75189754035**
Option 2 ID : **75189754034**
Option 3 ID : **75189754036**
Option 4 ID : **75189754033**
Status : **Answered**
Chosen Option : **1**

Q.48 50 identical units are purchased at a total price of ₹550 and $\frac{1}{5}$ of these units are sold at a loss of 10%. Find the per unit selling price of the remaining units to gain 20% on the whole transaction.

Ans

✗ 1. ₹15.175

✗ 2. ₹13.650

✗ 3. ₹12.250

✔ 4. ₹14.025

Question ID : **75189713426**
Option 1 ID : **75189753704**
Option 2 ID : **75189753702**
Option 3 ID : **75189753701**
Option 4 ID : **75189753703**
Status : **Answered**
Chosen Option : **4**

Q.49 How many integers lie between 891^2 and 892^2 ?

Ans

✔ 1. 1782

✗ 2. 892

✗ 3. 900

✗ 4. 1784

Question ID : **75189713256**
Option 1 ID : **75189753021**
Option 2 ID : **75189753022**
Option 3 ID : **75189753024**
Option 4 ID : **75189753023**
Status : **Not Answered**
Chosen Option : **--**

Q.50 Rajesh's daughter's age is $\frac{1}{3}$ of Rajesh's wife's age. Rajesh's wife's age is $\frac{3}{4}$ of Rajesh's age, and Rajesh's age is $\frac{3}{5}$ of Rajesh's father's age. Find the age of Rajesh's daughter if Rajesh's father's age is 60 years.

Ans

✔ 1. 9 years

✗ 2. 7 years

✗ 3. 13 years

✗ 4. 11 years

Question ID : **75189714394**
Option 1 ID : **75189757575**
Option 2 ID : **75189757573**
Option 3 ID : **75189757576**
Option 4 ID : **75189757574**
Status : **Answered**
Chosen Option : **1**

Q.51 Which of the following indicates the borrowing needs of the Government?

Ans ✔ 1. Fiscal deficit

✘ 2. Revenue deficit

✘ 3. Current account deficit

✘ 4. Capital deficit

Question ID : **75189712107**
Option 1 ID : **75189748425**
Option 2 ID : **75189748426**
Option 3 ID : **75189748428**
Option 4 ID : **75189748427**
Status : **Not Answered**
Chosen Option : **--**

Q.52 If '+' means '÷', '÷' means '+', '−' means '×', '×' means '−', what will come in place of the question mark (?) in the following equation?

$32 + 16 ÷ 24 − 8 × 180 = ?$

Ans ✘ 1. 19

✘ 2. 13

✘ 3. 17

✔ 4. 14

Question ID : **75189714150**
Option 1 ID : **75189756600**
Option 2 ID : **75189756599**
Option 3 ID : **75189756598**
Option 4 ID : **75189756597**
Status : **Answered**
Chosen Option : **4**

Q.53 The mandatory contributions levied on individuals or corporations by a government entity is known as:

Ans ✘ 1. investment

✔ 2. tax

✘ 3. debt

✘ 4. expenditure

Question ID : **75189715432**
Option 1 ID : **75189761727**
Option 2 ID : **75189761725**
Option 3 ID : **75189761728**
Option 4 ID : **75189761726**
Status : **Answered**
Chosen Option : **4**

Q.54 On which day do Christians commemorate Jesus Christ's crucifixion?

Ans ✔ 1. Good Friday

✘ 2. Easter

✘ 3. Christmas

✘ 4. Halloween

Question ID : **75189715422**
Option 1 ID : **75189761686**
Option 2 ID : **75189761685**
Option 3 ID : **75189761688**
Option 4 ID : **75189761687**
Status : **Answered**
Chosen Option : **1**

Q.55 The _____ ARISE-ANIC program is a national initiative to promote research and innovation by the Department of Space (DoS), Government of India.

Ans ✔ 1. Aatmanirbhar Bharat

✘ 2. Samarth Bharat

✘ 3. Saksham Bharat

✘ 4. Apna Bharat

Question ID : **75189712444**
Option 1 ID : **75189749773**
Option 2 ID : **75189749776**
Option 3 ID : **75189749775**
Option 4 ID : **75189749774**
Status : **Not Answered**
Chosen Option : **--**

Q.56 A certain number of people are sitting in a row, facing north. T sits second to the right of Q. Exactly four people sit between T and A, towards the right of T. D is an immediate neighbour of A and E. If E is second to the right of A and no other person is sitting in the row, what is the total number of people seated in the row?

Ans ✘ 1. 11

✘ 2. 9

✘ 3. 12

✔ 4. 10

Question ID : **75189714906**
Option 1 ID : **75189759622**
Option 2 ID : **75189759624**
Option 3 ID : **75189759623**
Option 4 ID : **75189759621**
Status : **Answered**
Chosen Option : **2**

Q.57 নিম্নলিখিত সংখ্যা, চিহ্নের শ্রেণির সাপেক্ষে প্রশ্নের উত্তর দিন।

(বাম) 9 7 5 4 8 2 4 7 4 1 % 3 2 1 ^ 5 6 3 8 7 2 3 5 7 *2 4 5 9 3 (ডান)

^ এবং * চিহ্নগুলির মাঝে কয়টি জোড় সংখ্যা আছে এবং তাদের যোগ করলে যোগফল কত হবে?

Ans
✗ 1. 2, 12
✗ 2. 2, 13
✗ 3. 4, 10
✔ 4. 3, 16

Question ID : 75189711551
Option 1 ID : 75189746202
Option 2 ID : 75189746204
Option 3 ID : 75189746203
Option 4 ID : 75189746201
Status : **Answered**
Chosen Option : **4**

Q.58 Simplify $(x+1)(x-1)(x^2+1)$.

Ans
✗ 1. $x^2 - 1$
✗ 2. $x^4 + x^3 + x - 1$
✔ 3. $x^4 - 1$
✗ 4. $x^4 + 1$

Question ID : 75189713352
Option 1 ID : 75189753407
Option 2 ID : 75189753408
Option 3 ID : 75189753405
Option 4 ID : 75189753406
Status : **Answered**
Chosen Option : **3**

Q.59 Government of India signed an agreement on 17th November, 1955, with Associated Electrical Industries (AEI), UK, for the establishment of a factory at _____ for the manufacture of heavy electrical equipment in India. The company was registered as Heavy Electricals (India) Limited (HE (I) L) in the Public Sector.

Ans
✔ 1. Bhopal
✗ 2. Ahmedabad
✗ 3. Lucknow
✗ 4. Hyderabad

Question ID : 75189710464
Option 1 ID : 75189741854
Option 2 ID : 75189741855
Option 3 ID : 75189741853
Option 4 ID : 75189741856
Status : **Not Answered**
Chosen Option : **--**

Q.60 Who among the following introduced the 'Anti-Doping Bill' on 17 December 2021 in Lok Sabha?

Ans
✗ 1. Kiren Rijiju

✗ 2. Nisith Pramanik

✓ 3. Anurag Thakur

✗ 4. RS Rathore

Question ID : **75189710404**
Option 1 ID : **75189741615**
Option 2 ID : **75189741614**
Option 3 ID : **75189741613**
Option 4 ID : **75189741616**
Status : **Answered**
Chosen Option : **3**

Q.61 The HCF of two numbers is 47. If the product of the two numbers is 6627, then the larger number among these two numbers is:

Ans
✗ 1. 94

✗ 2. 188

✓ 3. 141

✗ 4. 235

Question ID : **75189713277**
Option 1 ID : **75189753105**
Option 2 ID : **75189753108**
Option 3 ID : **75189753107**
Option 4 ID : **75189753106**
Status : **Answered**
Chosen Option : **3**

Q.62 Article 21 of Indian Constitution deals with:

Ans
✗ 1. cultural and educational rights

✓ 2. protection of life and personal liberty

✗ 3. right to constitutional remedies

✗ 4. right to equality

Question ID : **75189715473**
Option 1 ID : **75189761890**
Option 2 ID : **75189761891**
Option 3 ID : **75189761892**
Option 4 ID : **75189761889**
Status : **Answered**
Chosen Option : **2**

Q.63 প্রদত্ত শ্রেণিটি অধ্যয়ন করুন এবং নিম্নলিখিত প্রশ্নের উত্তর দিন (সমস্ত সংখ্যা শুধুমাত্র এক অঙ্কের সংখ্যা)।

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

এমন কতগুলি জোড় অঙ্ক আছে যাদের প্রতিটির ঠিক আগে একটি পূর্ণবর্গ রাশি এবং প্রতিটির ঠিক পরে একটি জোড় অঙ্ক আছে? (দ্রষ্টব্য: 1 একটি পূর্ণবর্গ রাশি)

Ans
✗ 1. চারটি

✗ 2. একটি

✓ 3. দুটি

✗ 4. তিনটি

Question ID : **75189713920**
Option 1 ID : **75189755680**
Option 2 ID : **75189755677**
Option 3 ID : **75189755678**
Option 4 ID : **75189755679**
Status : **Answered**
Chosen Option : **3**

Q.64 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some bats are parrots.

All crows are parrots.

All sparrows are parrots.

Conclusions:

I. Some sparrows are bats.

II. Some crows are sparrows.

Ans
✗ 1. Both conclusions I and II follow

✗ 2. Only conclusion I follows

✗ 3. Only conclusion II follows

✓ 4. Neither conclusion I nor II follows

Question ID : **75189713498**
Option 1 ID : **75189753992**
Option 2 ID : **75189753989**
Option 3 ID : **75189753990**
Option 4 ID : **75189753991**
Status : **Answered**
Chosen Option : **4**

Q.65 নিম্নে প্রদত্ত রাশিতথ্য অধ্যয়ন করে উল্লিখিত ক্রমে এর সংখ্যাগুরুমান, মধ্যমা এবং গড় নির্ণয় করুন:
8, 9, 8, 5, 9, 8, 9, 7, 9

Ans   ✗ 1. 8, 9, 9

   ✗ 2. 8, 9, 8

   ✗ 3. 9, 9, 9

   ✔ 4. 9, 8, 8

Question ID : **75189714367**
Option 1 ID : **75189757468**
Option 2 ID : **75189757467**
Option 3 ID : **75189757465**
Option 4 ID : **75189757466**
Status : **Answered**
Chosen Option : **4**

Q.66 India is bounded by the Hindukush mountain range in the _____.

Ans   ✗ 1. north

   ✔ 2. north-west

   ✗ 3. south

   ✗ 4. north-east

Question ID : **75189712398**
Option 1 ID : **75189749589**
Option 2 ID : **75189749591**
Option 3 ID : **75189749592**
Option 4 ID : **75189749590**
Status : **Answered**
Chosen Option : **1**

Q.67 Which of the following is a famous Tiger Reserve in Assam?

Ans   ✔ 1. Kaziranga Tiger Reserve

   ✗ 2. Sonitpur Tiger Reserve

   ✗ 3. Dibrugarh Tiger reserve

   ✗ 4. Tinsukia Tiger reserve

Question ID : **75189712321**
Option 1 ID : **75189749281**
Option 2 ID : **75189749282**
Option 3 ID : **75189749283**
Option 4 ID : **75189749284**
Status : **Not Answered**
Chosen Option : **--**

Q.68 Pipe K can fill a water tank in 10 hours. Pipe K is opened alone when the water tank is empty. When half of the water tank is filled by pipe K, then 4 more identical pipes are opened. What will be the total time taken to fill the water tank?

Ans   ✗ 1.   6 hours 15 minutes

     ✗ 2.   7 hours 15 minutes

     ✗ 3.   6 hours 45 minutes

     ✓ 4.   6 hours

> Question ID : **75189714353**
> Option 1 ID : **75189757412**
> Option 2 ID : **75189757411**
> Option 3 ID : **75189757410**
> Option 4 ID : **75189757409**
> Status : **Answered**
> Chosen Option : **1**

Q.69 In which sporting event did Saurav Ghosal win Bronze in Commonwealth Games 2022?

Ans   ✗ 1.   Badminton

     ✗ 2.   Lawn Tennis

     ✓ 3.   Squash

     ✗ 4.   Table Tennis

> Question ID : **75189712562**
> Option 1 ID : **75189750246**
> Option 2 ID : **75189750247**
> Option 3 ID : **75189750245**
> Option 4 ID : **75189750248**
> Status : **Answered**
> Chosen Option : **3**

Q.70 How many official languages does India have as per the 8th Schedule of the Constitution as on 30th June 2022?

Ans   ✗ 1.   28

     ✓ 2.   22

     ✗ 3.   26

     ✗ 4.   30

> Question ID : **75189715419**
> Option 1 ID : **75189761675**
> Option 2 ID : **75189761674**
> Option 3 ID : **75189761673**
> Option 4 ID : **75189761676**
> Status : **Answered**
> Chosen Option : **2**

Q.71 If '+' means '÷', '÷' means '−', '−' means '×', '×' means '÷', what will come in place of the question mark (?) in the following equation?

$27 + 3 \div 39 \times 5 - 29 = ?$

Ans ✗ 1. 131

✓ 2. 115

✗ 3. 119

✗ 4. 141

Question ID : **75189714148**
Option 1 ID : **75189756589**
Option 2 ID : **75189756592**
Option 3 ID : **75189756590**
Option 4 ID : **75189756591**
Status : **Answered**
Chosen Option : **2**

Q.72 Which of the following numbers will replace the question mark (?) in the given series?

12, 60, 65, 325, 330, ?

Ans ✗ 1. 1600

✗ 2. 1670

✓ 3. 1650

✗ 4. 1680

Question ID : **75189713691**
Option 1 ID : **75189754763**
Option 2 ID : **75189754761**
Option 3 ID : **75189754764**
Option 4 ID : **75189754762**
Status : **Answered**
Chosen Option : **3**

Q.73 The area of a trapezium is 160 cm^2. If the lengths of the parallel sides are 20 cm and 12 cm, respectively, then the perpendicular distance (in cm) between the parallel sides is:

Ans ✓ 1. 10

✗ 2. 11

✗ 3. 12

✗ 4. 8

Question ID : **75189713393**
Option 1 ID : **75189753569**
Option 2 ID : **75189753570**
Option 3 ID : **75189753571**
Option 4 ID : **75189753572**
Status : **Answered**
Chosen Option : **4**

Q.74 In a certain code language, 'LFDCN' is written as 'QJGEO' and 'OGRTV' is written as 'TKUVW'. How will 'DHLRW' be written in that language?

Ans
   ✗ 1.   IMPTX

   ✗ 2.   ILOTY

   ✓ 3.   ILOTX

   ✗ 4.   ILPTY

Question ID : **75189713103**
Option 1 ID : **75189752410**
Option 2 ID : **75189752412**
Option 3 ID : **75189752409**
Option 4 ID : **75189752411**
Status : **Answered**
Chosen Option : **3**

Q.75 As the object is moved from the pole towards the focus of a concave mirror, the corresponding image moves from _____ and the image is _____.

Ans
   ✗ 1.   infinity to pole, real and inverted

   ✗ 2.   pole to Infinity, real and inverted

   ✓ 3.   pole to infinity, virtual and erect

   ✗ 4.   infinity to pole, virtual and erect

Question ID : **75189714101**
Option 1 ID : **75189756402**
Option 2 ID : **75189756403**
Option 3 ID : **75189756401**
Option 4 ID : **75189756404**
Status : **Answered**
Chosen Option : **1**

Q.76 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.)

(9, 25, 49)
(121, 169, 225)

Ans
   ✗ 1.   (64, 88, 72)

   ✗ 2.   (966, 104, 128)

   ✓ 3.   (81, 121, 169)

   ✗ 4.   (8, 27, 64)

Question ID : **75189714940**
Option 1 ID : **75189759759**
Option 2 ID : **75189759757**
Option 3 ID : **75189759758**
Option 4 ID : **75189759760**
Status : **Answered**
Chosen Option : **3**

Q.77 If the 13 - digit number 3458762341x98 is divisible by 11, then the value of x is _____.

Ans ✗ 1. 4

✓ 2. 2

✗ 3. 1

✗ 4. 7

Question ID : **75189712011**
Option 1 ID : **75189748042**
Option 2 ID : **75189748043**
Option 3 ID : **75189748041**
Option 4 ID : **75189748044**
Status : **Answered**
Chosen Option : **2**

Q.78 In a certain code language, 'ACQUIRE' is written as 'QCAUEIR'. How will 'DECLINE' be written in the same code language?

Ans ✗ 1. CDELEIN

✓ 2. CEDLEIN

✗ 3. CEDLENI

✗ 4. CEDELIN

Question ID : **75189714636**
Option 1 ID : **75189758543**
Option 2 ID : **75189758541**
Option 3 ID : **75189758544**
Option 4 ID : **75189758542**
Status : **Answered**
Chosen Option : **2**

Q.79

On 10th February 2022, who was appointed as Chief Justice of Madras High Court?

Ans ✗ 1. Justice T Raja

✗ 2. Justice M Duraiswamy

✓ 3. Justice Munishwar Nath Bhandari

✗ 4. Justice Gita Mittal

Question ID : **7518973787**
Option 1 ID : **75189715148**
Option 2 ID : **75189715146**
Option 3 ID : **75189715145**
Option 4 ID : **75189715147**
Status : **Not Answered**
Chosen Option : **--**

Q.80 Giving and receiving dowry in India is a criminal offence. As of August 2022, the criminal proceeding of enquiry and investigation by the police and magistrate for the offence is done under which Sections of the Code of Criminal Procedure, 1973?

Ans
   ✓ 1. Sections 174 and 176

   ✗ 2. Sections 182 and 185

   ✗ 3. Sections 154 and 158

   ✗ 4. Sections 163 and 169

Question ID : **75189711088**
Option 1 ID : **75189744349**
Option 2 ID : **75189744350**
Option 3 ID : **75189744352**
Option 4 ID : **75189744351**
Status : **Not Answered**
Chosen Option : **--**

Q.81 According to Mendeleev, the properties of elements are the periodic function of their:

Ans
   ✓ 1. atomic masses

   ✗ 2. atomic number

   ✗ 3. reactivity of elements

   ✗ 4. atomic radius

Question ID : **75189714695**
Option 1 ID : **75189758777**
Option 2 ID : **75189758778**
Option 3 ID : **75189758780**
Option 4 ID : **75189758779**
Status : **Answered**
Chosen Option : **1**

Q.82 নিম্নলিখিতগুলির মধ্যে কোন আইনের মাধ্যমে ইস্ট ইন্ডিয়া কোম্পানি নিক্ষাশন করা হয়েছিল এবং ব্রিটেনের ভারতীয় অঞ্চলগুলি ব্রিটিশ রাণীর নামে শাসন করা হয়েছিল?

Ans
   ✗ 1. ব্রিটিশ শাসন সংশোধন আইন, 1919

   ✓ 2. ভারত শাসন আইন, 1858

   ✗ 3. ভারত শাসন আইন, 1890

   ✗ 4. ব্রিটিশ শাসন আইন, 1905

Question ID : **75189715405**
Option 1 ID : **75189761620**
Option 2 ID : **75189761618**
Option 3 ID : **75189761619**
Option 4 ID : **75189761617**
Status : **Answered**
Chosen Option : **2**

Q.83 Which of the following numbers will replace the question mark (?) in the given series?

56   66   59   69   62   ?

Ans ✔ 1. 72

✘ 2. 74

✘ 3. 55

✘ 4. 82

Question ID : **75189712668**
Option 1 ID : **75189750669**
Option 2 ID : **75189750671**
Option 3 ID : **75189750672**
Option 4 ID : **75189750670**
Status : **Answered**
Chosen Option : **1**

Q.84 Litmus is an natural acid–base indicator which is extracted from:

Ans ✘ 1. rose petals

✘ 2. turmeric

✘ 3. lemon grass

✔ 4. Lichen

Question ID : **7518979635**
Option 1 ID : **75189738539**
Option 2 ID : **75189738538**
Option 3 ID : **75189738540**
Option 4 ID : **75189738537**
Status : **Answered**
Chosen Option : **4**

Q.85 নিম্নলিখিতগুলির মধ্যে কোনগুলি প্রথম ট্রফিক লেভেলে থাকে?

Ans ✘ 1. প্রগৌণ খাদক

✘ 2. প্রাথমিক খাদক

✔ 3. উৎপাদক

✘ 4. গৌণ খাদক

Question ID : **75189710260**
Option 1 ID : **75189741040**
Option 2 ID : **75189741039**
Option 3 ID : **75189741038**
Option 4 ID : **75189741037**
Status : **Answered**
Chosen Option : **3**

Q.86 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

VIP : SFM : : TAC : QXZ : : GOD : ?

Ans
  ✗ 1. DJA
  ✗ 2. EJA
  ✗ 3. CLA
  ✓ 4. DLA

Question ID : **75189713118**
Option 1 ID : **75189752469**
Option 2 ID : **75189752472**
Option 3 ID : **75189752470**
Option 4 ID : **75189752471**
Status : **Answered**
Chosen Option : **4**

Q.87 Simplify the following.

$$-2 - [3 - \{3 - (4 - 5)\}]$$

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

Question ID : **75189713247**
Option 1 ID : **75189752985**
Option 2 ID : **75189752988**
Option 3 ID : **75189752987**
Option 4 ID : **75189752986**
Status : **Answered**
Chosen Option : **4**

Q.88 প্রদত্ত বর্ণ, সংখ্যা, চিহ্নের শ্রেণিটি অধ্যয়ন করুন এবং নিম্নলিখিত প্রশ্নের উত্তর দিন।

(বাম) T # 6 2 V 4 @ Z 5 7 K ✳ % 9 N L & J 8 Q $ (ডান)

শ্রেণিটি থেকে সকল চিহ্ন বাদ দিলে নিম্নলিখিতগুলির মধ্যে কোনটি বাম দিক থেকে একাদশতম (eleventh) হবে?

Ans
  ✓ 1. N
  ✗ 2. J
  ✗ 3. 9
  ✗ 4. L

Question ID : **75189715179**
Option 1 ID : **75189760713**
Option 2 ID : **75189760716**
Option 3 ID : **75189760714**
Option 4 ID : **75189760715**
Status : **Answered**
Chosen Option : **1**

Q.89 There are many methods adopted to prevent transmission of HIV/AIDS. Which of the stated ones is INCORRECT?

Ans ✗ 1.
The instruments used for ear piercing, acupuncture, etc., must be sterilised before use.

✗ 2. Adopting responsible sexual behaviour.

✔ 3. Prevent HIV infected mosquito bite by using mosquito net.

✗ 4.
Transmission by way of drug abuse specially through sharing of needles must be prevented

Question ID : **75189714848**
Option 1 ID : **75189759391**
Option 2 ID : **75189759390**
Option 3 ID : **75189759392**
Option 4 ID : **75189759389**
Status : **Answered**
Chosen Option : **3**

Q.90 Which of the following options best describes the independence of Judiciary?

Ans ✔ 1.
Judges must be able to perform their functions without fear or favour.

✗ 2.
The executive and legislature organs should interfere with the decision of the judiciary.

✗ 3. Absence of accountability in the judiciary system

✗ 4.
The executive and legislative organs of the government must restrain the functioning of the judiciary.

Question ID : **75189714020**
Option 1 ID : **75189756080**
Option 2 ID : **75189756078**
Option 3 ID : **75189756079**
Option 4 ID : **75189756077**
Status : **Answered**
Chosen Option : **3**

Q.91 A man took a loan from a bank at the rate of 14% per annum simple interest. After 5 years he had to pay ₹7,000 as interest. Find the principal amount of the loan.

Ans ✔ 1. ₹10,000

✗ 2. ₹7,500

✗ 3. ₹12,500

✗ 4. ₹15,000

Question ID : **75189712955**
Option 1 ID : **75189751818**
Option 2 ID : **75189751817**
Option 3 ID : **75189751819**
Option 4 ID : **75189751820**
Status : **Answered**
Chosen Option : **1**

Q.92 Which of the following groups of major river systems formed the Northern Plains of India?

Ans

✗ 1. Narmada, Ganga and Brahmaputra

✓ 2. Indus, Ganga and Brahmaputra

✗ 3. Cauvery, Ganga and Tapi

✗ 4. Indus, Ganga and Godavari

Question ID : **75189712507**
Option 1 ID : **75189750026**
Option 2 ID : **75189750028**
Option 3 ID : **75189750025**
Option 4 ID : **75189750027**
Status : **Answered**
Chosen Option : **2**

Q.93 Madhya Pradesh does NOT share its boundaries with which of the following states?

Ans

✗ 1. Chhattisgarh

✗ 2. Maharashtra

✗ 3. Uttar Pradesh

✓ 4. Bihar

Question ID : **75189715452**
Option 1 ID : **75189761806**
Option 2 ID : **75189761808**
Option 3 ID : **75189761805**
Option 4 ID : **75189761807**
Status : **Answered**
Chosen Option : **4**

Q.94 Which of the following is a disadvantage of using contraceptive pills?

Ans

✓ 1. They may produce hormonal imbalance.

✗ 2. Both partners in a couple must take pills.

✗ 3. They can cause menopause.

✗ 4. The effect of the pills is irreversible.

Question ID : **75189710110**
Option 1 ID : **75189740439**
Option 2 ID : **75189740437**
Option 3 ID : **75189740440**
Option 4 ID : **75189740438**
Status : **Answered**
Chosen Option : **1**

Q.95 Read the given statement and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement.

Statement:

The girls team won 12 out of 17 matches in hockey, but lost 11 out of 19 matches in cricket.

Conclusions:

I. The girls team should play more cricket matches.

II. Girls like hockey more than cricket.

Ans   ✗ 1. Only conclusion I follows

     ✗ 2. Both conclusions I and II follow

     ✔ 3. Neither conclusion I nor II follows

     ✗ 4. Only conclusion II follows

Question ID : **75189715349**
Option 1 ID : **75189761393**
Option 2 ID : **75189761396**
Option 3 ID : **75189761395**
Option 4 ID : **75189761394**
Status : **Answered**
Chosen Option : **3**

Q.96 The difference in molecular masses between the pair C_3H_8 and C_5H_{12} is:

Ans   ✗ 1. 56

     ✗ 2. 42

     ✔ 3. 28

     ✗ 4. 14

Question ID : **7518979604**
Option 1 ID : **75189738416**
Option 2 ID : **75189738415**
Option 3 ID : **75189738414**
Option 4 ID : **75189738413**
Status : **Not Answered**
Chosen Option : **--**

Q.97 Carrots have a high content of vitamin A. How does eating carrots help a child?

Ans   ✗ 1. It will give the child a good amount of energy.

     ✗ 2. It will make the child's bones strong.

     ✗ 3. It will help the child resist many diseases.

     ✔ 4. It will strengthen the child's vision.

Question ID : **75189712243**
Option 1 ID : **75189748971**
Option 2 ID : **75189748970**
Option 3 ID : **75189748972**
Option 4 ID : **75189748969**
Status : **Answered**
Chosen Option : **4**

Q.98 If a and b are the roots of the quadratic equation $(x - m)(x - n) = k$, then the roots of the equation $(x - a)(x - b) = -k$ are:

Ans

✔ 1. m, n

✘ 2. a, n

✘ 3. $a + 1, b + 1$

✘ 4. m, b

Question ID : **75189713381**

Option 1 ID : **75189753523**

Option 2 ID : **75189753521**

Option 3 ID : **75189753522**

Option 4 ID : **75189753524**

Status : **Not Answered**

Chosen Option : **--**

Q.99 Vikas starts from Point A and drives 8 km towards the south. He then takes a right turn, drives 3 km, turns right and drives 12 km. He then takes a right turn and drives 5 km. He takes a final right turn, drives 4 km and stops at Point P. What is the distance between Point A and Point P? (All turns are 90° turns only)

Ans

✘ 1. 3 km

✘ 2. 5 km

✘ 3. 4 km

✔ 4. 2 km

Question ID : **75189713937**

Option 1 ID : **75189755746**

Option 2 ID : **75189755747**

Option 3 ID : **75189755748**

Option 4 ID : **75189755745**

Status : **Answered**

Chosen Option : **4**

Q.100 Select the correct order of Chlorine, Bromine and Iodine for Dobereiner's Law of Triads.

Ans

✘ 1. Chlorine, Iodine, Bromine

✘ 2. Bromine, Iodine, Chlorine

✘ 3. Iodine, Bromine, Chlorine

✔ 4. Chlorine, Bromine, Iodine

Question ID : **75189714796**

Option 1 ID : **75189759183**

Option 2 ID : **75189759182**

Option 3 ID : **75189759181**

Option 4 ID : **75189759184**

Status : **Not Answered**

Chosen Option : **--**