





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 2 Bhauti
Test Date	22/08/2022
Test Time	12:45 PM - 2:15 PM
Subject	Level 1

^{*} Note

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

- 1. Options shown in green color with a tick icon are correct.
- 2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : Level 1

Q.1 Based on the given statement, two conclusions are drawn. Find out which conclusion is true based on the statement.

Statement: $C \le D$, $E \ge B$, $B \ge D$

Conclusions:

1. B > C

2. E < D

- Ans X 1 Neither conclusion 1 nor 2 is true
 - × 2. Only conclusion 2 is true

 - X 4 Both conclusions 1 and 2 are true

Question ID: 7518974766

Option 1 ID: 75189719064

Option 2 ID: 75189719062

Option 3 ID: 75189719061

Option 4 ID: 75189719063

Status: Answered

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If $(x + \frac{1}{x}) = k$, find the value of $x^3 + \frac{1}{x^3}$.

Ans
$$\times$$
 1. $3k-k^3$

2
 k³ – 3k

$$\times$$
 3. k^3

$$\times$$
 4. $k^3 + 3k$

Question ID: 7518976132

Option 1 ID: 75189724527 Option 2 ID: 75189724526 Option 3 ID: 75189724528 Option 4 ID: 75189724525

Status: Answered

Chosen Option: 2

Q.3 If each of the digits in the number given below is arranged in the descending order from left to right, what will be the product of the digits that are third from the left and fourth from the right in the new number thus formed?

(Left) 521987624 (Right)

Question ID: 7518975316

Option 1 ID: 75189721262 Option 2 ID: 75189721263 Option 3 ID: 75189721261

Option 4 ID: 75189721264 Status: Answered

Chosen Option: 2

A certain number of people are sitting in a row, facing north. P is to the immediate left of Z. Only one person sits between G and D. G is to the left of D. H is fifth to the left of G. K is to the immediate right of D. P is third to the right of K. If no other person is sitting in the row, what is the total number of persons seated?

Ans

Question ID: 7518974925

Option 1 ID: 75189719700 Option 2 ID: 75189719698 Option 3 ID: 75189719697

Option 4 ID: 75189719699 Status: Answered





The direction of a magnetic field due to a straight current carrying conductor can be determined using:

- ★ 1 Fleming's left-hand rule
- ✓ 2. right hand thumb rule
- X 3. left hand thumb rule
- ★ 4. Fleming's right-hand rule

Question ID: 7518975520 Option 1 ID: 75189722080 Option 2 ID: 75189722077 Option 3 ID: 75189722078 Option 4 ID: 75189722079

Status: Answered

Chosen Option: 4

Q.6 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 are not allowed.)

(11, 57, 8)

(12, 63, 9)

- Ans X 1. (15, 75, 7)
 - **2**. (10, 64, 6)
 - **X** 3. (12, 54, 11)
 - **X** 4. (12, 45, 8)

Question ID: 7518975305 Option 1 ID: 75189721218 Option 2 ID: 75189721220 Option 3 ID: 75189721217 Option 4 ID: 75189721219 Status: Answered Chosen Option: 2

Q.7 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.

FAST: JDUU :: SLOW : WOQX :: JUMP : ?

Ans

- X 1. NOXQ
- × 2. QXON
- X 4. XNOQ

Question ID: 7518974849 Option 1 ID: 75189719394 Option 2 ID: 75189719395 Option 3 ID: 75189719393 Option 4 ID: 75189719396

Status: Answered



Q.8 The value of $\frac{\sin^2 10^\circ + \sin^2 20^\circ + \sin^2 30^\circ + \sin^2 40^\circ + \sin^2 50^\circ + \sin^2 60^\circ + \sin^2 70^\circ + \sin^2 80^\circ + \sin^2 90^\circ}{\cos^2 20^\circ + \cos^2 40^\circ + \cos^2 50^\circ + \cos^2 70^\circ + \cot^2 45^\circ} \text{ is:}$

Ans

- χ 1. $\frac{3}{4}$
- **√** 2. = 3
- **X** 3. $\frac{6}{5}$
- \times 4. $\frac{4}{3}$

Question ID : **7518976384** Option 1 ID : **75189725534**

Option 2 ID : **75189725533** Option 3 ID : **75189725535** Option 4 ID : **75189725536**

Status : Not Answered

Chosen Option: --

Q.9

Every year, 'Parakram Divas' is celebrated on the birth anniversary of which Indian Nationalist?

Ans

- X 1. Rani Lakshmi Bai
- X 2. Bhagat Singh
- X 3. Lala Lajpat Rai
- 4. Netaji Subhash Chandra Bose

Question ID: 7518973800

Option 1 ID: 75189715197

Option 2 ID: **75189715199**

Option 3 ID: **75189715198**

Option 4 ID: **75189715200**

Status: Answered





Q.10 Which of the following elements shows maximum valence electrons?

Ans 🥒 1. F

X 2. Al

X 3. H

X 4. N

Question ID: 7518973527 Option 1 ID: 75189714108 Option 2 ID: 75189714105 Option 3 ID: 75189714106

Option 4 ID: 75189714107 Status: Marked For Review

Chosen Option: 2

Q.11 Given below are three statements and three conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion/s follow/s from the given statements.

Statements:

I. All chairs are desks.

II. All desks are chalks.

III. All chalks are boards.

Conclusions:

I. Some boards are desks.

II. Some chalks are chairs.

III. Some boards are chairs.

Ans X 1. Conclusion I and III follow

Conclusion II and III follow

X 3. Conclusions I and II follow

✓ 4. All the conclusions follow

Question ID: 7518974931

Option 1 ID: 75189719722

Option 2 ID: 75189719723 Option 3 ID: 75189719721

Option 4 ID: 75189719724

Status : Answered

Q.12 The following chart shows the percentage of students enrolled in different streams in a university. The total number of students enrolled in the university is 15200. Study the chart and answer the question.



How many students are enrolled in Medical, Engineering and Law streams taken together?

Ans

- × 1. 4680
 - **✓** 2. **5320**
- X 3. 5420
- X 4. 5210

Question ID: 7518975338

Option 1 ID: 75189721349

Option 2 ID: **75189721351**

Option 3 ID: **75189721352**

Option 4 ID: 75189721350

Status: Answered

Chosen Option: 2

Q.13 The equation $x^2 + 7x + 6 = 0$ can be written as:

Ans

$$\times$$
 1. $(x-1)(x-6)=0$

$$\checkmark$$
 2. $(x+1)(x+6)=0$

$$\times$$
 3. $(x-1)(x+6)=0$

$$\times$$
 4. $(x+1)(x-6)=0$

Question ID : 7518975947

Option 1 ID: 75189723787

Option 2 ID: 75189723788

Option 3 ID : **75189723785**

Option 4 ID: **75189723786**

Status : Answered

Chosen Option : $\boldsymbol{2}$





Q.14 The volume of a cylinder is 5500 m³. Find its diameter if the cylinder is 70 m high.

Ans

√ 1. 10 m

× 2. 8 m

X 3. 5 m

X 4. 12 m

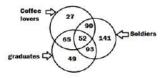
Question ID: 7518975756

Option 1 ID: 75189723023 Option 2 ID: 75189723022 Option 3 ID: 75189723021 Option 4 ID: 75189723024

Status: Answered

Chosen Option: 1

Q.15 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



Which of the following statements is correct on the basis of the above diagram?

Ans X 1.

The number of coffee lovers who are both graduates and soldiers is 90.



The number of graduates who are also coffee lovers but not soldiers is 65.

The number of soldiers who are neither coffee lovers nor graduates is 193.

X 4 The number of soldiers who are also coffee lovers is 27.

Question ID: 7518975188

Option 1 ID: 75189720751 Option 2 ID: 75189720750

Option 3 ID: 75189720749 Option 4 ID: 75189720752

Status: Answered

Q.16 The equivalent fraction of 4.2222... is:

Ans

X 1.
$$\frac{38}{100}$$

× 3.
$$\frac{42}{99}$$

Question ID: 7518975574

Option 1 ID : Option 2 ID : Option 3 ID : Option 4 ID :

Status : Answered

Chosen Option : 2

Q.17

Geomorphology, the branch of Physical Geography is devoted to the study of which of the following fields?

Ans

★ 1. Study of soil

X 2. Study of water

✓ 3. Study of landforms

× 4. Study of atmosphere

Question ID : **7518973886**

Option 1 ID : **75189715543** Option 2 ID : **75189715544** Option 3 ID : **75189715542**

Option 4 ID : **75189715541**

Status: Marked For Review



Q.18 Consider the below statements and identify the correct answer.

Statement-I: On heating, the surface of copper powder becomes coated with black copper (II) oxide.

Statement-II: If hydrogen gas is passed over this heated material (CuO), the black coating on the surface turns brown.

Ans X 1. Both the statements are false.

X 2. Statement-I is true, and statement-II is false.

★ 3. Statement-I is false, and statement-II is true.

✓ 4. Both the statements are true.

Question ID: 7518973608
Option 1 ID: 75189714430
Option 2 ID: 75189714431
Option 3 ID: 75189714432
Option 4 ID: 75189714429
Status: Not Answered

Chosen Option: --

Q.19
In March 2022, which state government presented 'Children's Budget' for the first time as part of its annual financial plan?

Ans

Himachal Pradesh

X 2. Andhra Pradesh

X 3. Uttar Pradesh

✓ 4. Madhya Pradesh

Question ID: 7518973856 Option 1 ID: 75189715423 Option 2 ID: 75189715421 Option 3 ID: 75189715424 Option 4 ID: 75189715422

Status : Answered



Q.20	Which of the following	devices is/are	based on l	heating e	effect of e	lectric current?
------	------------------------	----------------	------------	-----------	-------------	------------------

- (i) Incandescent lamp
- (ii) Electric geyser
- (iii) Electric generator

Ans

- X 1. Only (i)
- × 2. Only (ii)
- X 4 Both (i) and (iii)

Question ID: 7518975492
Option 1 ID: 75189721965
Option 2 ID: 75189721966
Option 3 ID: 75189721967
Option 4 ID: 75189721968
Status: Answered

Chosen Option: 3

Q.21 Seven surgeons, W, X, Y, Z, A, B and C, were sitting around a square table, facing the centre. Four of them are sitting at the corners while three are sitting at the exact centre of the sides. One of the centre of sides was empty. C, at one of the corners, was immediately next to both B and Y. Z was immediately next to both B and X. A was at the immediate right of X. Which surgeon was third to the right of W?

Ans

- X 1. X
- X 2. C
- √ 3. B
- X 4. Y

AddaZ

Question ID : 7518974899
Option 1 ID : 75189719595
Option 2 ID : 75189719596
Option 3 ID : 75189719594
Option 4 ID : 75189719593

Status : **Answered** Chosen Option : **3**

Q.22 Two numbers are in the ratio 5: 3. If difference between the numbers is 54, then find the smaller number.

Ans

- X 1. 91
- X 2. 135
- **3.81**
- X 4. 115

Question ID: 7518976136 Option 1 ID: 75189724542 Option 2 ID: 75189724541 Option 3 ID: 75189724544 Option 4 ID: 75189724543

Status : **Answered**

Simplify
$$3(3x-2) + x(\frac{4x}{2}) + 15 - 12$$
.

Ans
$$\times$$
 1. $2x^2 + 6x - 3$

$$x^2$$
 2 x^2 + 9 x + 3

$$\times$$
 3. $2x^2 + 9x + 6$

$$\checkmark$$
 4. $2x^2 + 9x - 3$

Question ID: 7518975905 Option 1 ID: 75189723618 Option 2 ID: 75189723617 Option 3 ID: 75189723619

Option 4 ID: 75189723620 Status: Answered

Chosen Option: 4

Q.24 A shop which sells sarees had offers going on wherein customers could buy 3 sarees and get 2 free. What is the discount that the customer gets?

Ans

Question ID: 7518976288

Option 1 ID: 75189725149 Option 2 ID: 75189725150 Option 3 ID: 75189725151

Option 4 ID: 75189725152

Status: Answered Chosen Option: 1

Q.25 51 men can complete a work in 12 days. Four days after they started working 6 more men joined them. How many days will they now take to complete the remaining work?

Ans

$$\times$$
 1. $8\frac{1}{19}$ days

$$\times$$
 2. $5\frac{9}{19}$ days

$$\sqrt{3}$$
 3. $7\frac{3}{19}$ days

$$\times$$
 4. $6\frac{7}{19}$ days

Question ID: 7518976296

Option 1 ID: 75189725183 Option 2 ID: 75189725181 Option 3 ID: 75189725182

Option 4 ID: 75189725184

Status: Answered



Q.26 Five solutions A, B, C, D and E, when tested with universal indicator, showed pH as 4, 1, 11, 7 and 9, respectively. The pH in increasing order of H+ ion concentration for these solutions is:

Ans
$$\times$$
 1. $C < D < E < B < A$

$$\times$$
 2. C < D < E < A < B

$$\times$$
 4. D < C < E < A < B

Question ID: 7518973629 Option 1 ID: 75189714516 Option 2 ID: 75189714513 Option 3 ID: 75189714514 Option 4 ID: 75189714515

Status: Answered

Chosen Option: 3

Q.27 Which of the following numbers will replace the question mark (?) in the given series?

8, 9, 20, 63, 256, ?

Ans X 1. 1286

× 2. 1284

X 3. 1280

4. 1285

Question ID: 7518975068 Option 1 ID: 75189720272

Option 2 ID: 75189720271 Option 3 ID: 75189720269 Option 4 ID: 75189720270

Status: Answered

Chosen Option: 4

Which aspect of large dams has NOT been criticised?

Ans

✓ 1. Psychological

X 2. Social

× 3. Environmental

× 4. Economic

Question ID: 7518974499

Option 1 ID: 75189717996 Option 2 ID: 75189717993

Option 3 ID: 75189717995 Option 4 ID: 75189717994

Status: Not Answered





Q.29 The sum of double of the largest two-digit prime number and triple of the largest three-digit prime number is equal to

Ans

√ 1. 3185

× 2. 3029

× 3. 2195

X 4. 6523

Question ID: 7518975583 Option 1 ID: 75189722330 Option 2 ID: 75189722329 Option 3 ID: 75189722331 Option 4 ID: 75189722332

Status: Marked For Review

Chosen Option: 1

Q.30 Which of the following is NOT a true statement?

Ans X 1 All rectangles are parallelograms.

✓ 2. Diagonals of a rectangle do not bisect each other.

× 3. Opposite sides of a rectangle are congruent and parallel.

★ 4. Sum of any pair of adjacent angles of a rectangle is 180°.

Question ID: 7518975994 Option 1 ID: 75189723973 Option 2 ID: 75189723975 Option 3 ID: 75189723974 Option 4 ID: 75189723976 Status: Answered

Chosen Option: 2

Q.31 To cook some foods faster we can use

★ 1 bleaching powder

X 2. sodium chloride

× 4 ammonium chloride

Question ID: 7518973477 Option 1 ID: 75189713908

Option 2 ID: 75189713907 Option 3 ID: 75189713905 Option 4 ID: 75189713906

Status: Marked For Review





Q.32 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 are not allowed.)

(36, 78, 13)

(121, 77, 7)

Ans

1 (49, 63, 9)

× 2. (36, 72, 10)

X 3. (9, 56, 18)

× 4. (64, 85, 12)

Question ID: 7518975303

Option 1 ID: 75189721211

Option 2 ID: 75189721212

Option 3 ID: 75189721209

Option 4 ID: 75189721210

Status: Marked For Review

Chosen Option: 1

Q.33

In which state is St. Thomas Cathedral Basilica Church located?

Ans

✓ 1. Tamil Nadu

X 2. Kerala

X 3. Goa

X 4. Maharashtra

Question ID : 7518973827 Option 1 ID : 75189715308 Option 2 ID : 75189715306 Option 3 ID : 75189715305 Option 4 ID : 75189715307

Status : Answered





Which of the following steps have NOT been taken by the government to attract foreign companies to invest in India?

1 Flexibility in the taxation system.

X 2.

SEZs setup production units do not have to pay taxes for an initial period of five years.

- 3. Special Economic Zones are being set up.
- X 4. Flexibility in the labour laws.

Question ID: 7518974064 Option 1 ID: 75189716256 Option 2 ID: 75189716254 Option 3 ID: 75189716253 Option 4 ID: 75189716255 Status: Not Answered

Chosen Option: --

Q.35 Starting from his house, Varun walks 60 m towards the north. He then takes a right turn and walks 30 m. He then takes a right turn and walks 90 m. Finally, he takes another right turn and walks 30 m. How far and in which direction is Varun now from his house ? (All turns are 90 degree turns only)

Ans X 1. 30 m, North

× 3. 25 m, South

× 4. 25 m, East

Question ID: 7518975038 Option 1 ID: 75189720150 Option 2 ID: 75189720151 Option 3 ID: 75189720152 Option 4 ID: 75189720149 Status: Answered Chosen Option: 2

Q.36 The resistance of a conductor is directly proportional to:

- × 1 potential difference applied across the conductor
- ✓ 2. length of the conductor
- X 3. area of cross section of the conductor
- × 4. current flowing through the conductor

Question ID: 7518975467 Option 1 ID: 75189721868 Option 2 ID: 75189721866 Option 3 ID: 75189721865 Option 4 ID: 75189721867 Status: Answered



Q.37 A convex lens having power 5 D is placed in contact with a concave lens having power -3 D. The focal length of the combination will be:

Ans

√ 1. 50 cm

× 2. −0.5 cm

× 3. 0.5 cm

× 4. −50 cm

Question ID: 7518975423 Option 1 ID: 75189721689 Option 2 ID: 75189721692 Option 3 ID: 75189721691 Option 4 ID: 75189721690 Status: Not Answered

Chosen Option: --

Q.38 What is the angle traced by the minute hand in 48 minutes?

Ans × 1. 420°

× 2. 372°

√ 3. 288°

× 4. 190°

Question ID: 7518976430 Option 1 ID: 75189725720 Option 2 ID: 75189725719 Option 3 ID: 75189725718 Option 4 ID: 75189725717 Status: Answered

Chosen Option: 3

Q.39 What will be the fourth next member of the homologous series of the compound propene?

Ans

✓ 1. C₇H₁₄

× 2. C₂H₄

× 3. C₆H₁₂

× 4. C₄H₈

Question ID: 7518973412 Option 1 ID: 75189713647 Option 2 ID: 75189713645 Option 3 ID: 75189713648 Option 4 ID: 75189713646

Status: Marked For Review





Q.40 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 53478231, what will be the sum of the digits that are second from the left and second from the right?

Ans × 1. 4

√ 2. **8**

X 3. 10

X 4. 6

Question ID: 7518975096

Option 1 ID: 75189720381 Option 2 ID: 75189720383 Option 3 ID: 75189720384

Option 4 ID: 75189720382 Status : Answered

Chosen Option: 2

Q.41 In February 2022 India won a record-extending fifth U-19 World Cup title, beating which country by four wickets in the

Ans

✓ 1. England

× 2. Pakistan

× 3. Canada

× 4. Australia

Question ID: 7518973753 Option 1 ID: 75189715009 Option 2 ID: 75189715011 Option 3 ID: 75189715010 Option 4 ID: 75189715012 Status: Answered





Q.42 A certain number of people are sitting in a row, facing the north. M is sitting at the extreme left end. K is to the immediate right of M. G is to the immediate right of K. Only five persons are sitting between G and D. D is at the 6^{th} position from the extreme right end. G is at some place towards the left of D. If no other person is sitting in the row, what is the total number of persons seated?

Ans X 1. 12

X 2. 13

√ 3. 14

X 4. 15

Question ID: 7518975164 Option 1 ID: 75189720653

Option 2 ID: 75189720654 Option 3 ID: 75189720655 Option 4 ID: 75189720656

Status: Answered

Chosen Option: 3

Q.43 A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Last year, only 30 percent of girl students in district X joined under-graduate courses after school, while 95 percent boys joined under-graduate courses.

Arguments:

- I. The state government has increased the number of scholarships for girl students in undergraduate courses in government colleges.
- II. Many girl students prefer to join vocational courses after school rather than undergraduate courses.

Ans

Argument I weakens, while argument II strengthens the statement

- X 2. Both arguments I and II weaken the statement
- X 3. Both arguments I and II strengthen the statement

Argument II weakens, while argument I strengthens the statement

Question ID: 7518976401

Option 1 ID: 75189725601 Option 2 ID: 75189725603

Option 3 ID: 75189725604

Option 4 ID: 75189725602

Status: Answered





Q.44

In January 2022, the Government of India launched which portal to share key performance indicators of the coal sector?

Ans

√ 1. Koyla Darpan

X 2. Koyla Gyan

X 3. Koyla Data

★ 4. Koyla Bit

Question ID: 7518973873
Option 1 ID: 75189715489
Option 2 ID: 75189715491
Option 3 ID: 75189715490
Option 4 ID: 75189715492

Status : Answered

Chosen Option: 1

Q.45 The mean proportional between the numbers p and q is 8. Which of the following pairs of numbers can be the values of p and q?

Ans X 1. 12 and 3

√ 2. 16 and 4

X 3. 12 and 16

X 4. 10 and 6

Adda 2

Question ID: 7518976059 Option 1 ID: 75189724234 Option 2 ID: 75189724235 Option 3 ID: 75189724236

Option 4 ID : **75189724233**Status : **Answered**

Chosen Option: 4

Q.46 A starts from X at 9:00 a.m. and reaches Y at 1:00 p.m, on the same day, B also starts from Y at 9:00 a.m. and reaches X at 3 p.m on the same day, following the same route as A. At what time do the two meet?

Ans

√ 1 11:24 hrs

× 2. 11:30 hrs

× 3. 10:00 hrs

× 4. 11:12 hrs

Question ID: **7518975650**

Option 1 ID : **75189722600** Option 2 ID : **75189722599**

Option 3 ID : **75189722597** Option 4 ID : **75189722598**

Status : Not Answered



- Q.47 In a certain code language, 'PTEJAD' is written as 'OUEIAE' and 'FHNOI' is written as 'EIMOI'. How will 'TUPAI' be written in that language?
- Ans X 1. UVPAH
 - × 2. PUHVA
 - X 3. VUPHI

Question ID: 7518974825 Option 1 ID: 75189719297 Option 2 ID: 75189719300 Option 3 ID: 75189719298 Option 4 ID: 75189719299

Status : Answered

Chosen Option: 4

Q.48 Which of the following interchanges of signs would make the given equation correct?

$$12 \div 6 \times 18 + 16 - 15 = 5$$

Ans X 1. +, -

× 2. -, ÷

X 3. +, ×

√ 4. ×, ÷

Question ID: 7518975111
Option 1 ID: 75189720441
Option 2 ID: 75189720444
Option 3 ID: 75189720442
Option 4 ID: 75189720443

Status : Not Attempted and Marked For Review

Chosen Option : --

- Q.49 The mean proportional of 16 and 144 is
- Ans X 1. 44
 - X 2. 36
 - **√** 3. **48**
 - X 4. 34

Question ID : **7518975605**Option 1 ID : **75189722417**Option 2 ID : **75189722420**Option 3 ID : **75189722418**

Option 4 ID : **75189722419**Status : **Answered**





Q.50 Which of the following numbers will replace the question mark (?) in the given series?

28, 29, 31, 35, 43, ?

Ans X 1. 55

X 2. 53

X 3. 61

4. 59

Question ID: 7518975062

Option 1 ID: 75189720245 Option 2 ID: 75189720246

Option 3 ID: 75189720248

Option 4 ID: 75189720247 Status: Answered

Chosen Option: 4

Q.51

The Fundamental Duties were added in the Indian Constitution by the recommendation of which of the following committees?

Ans

Union Constitution Committee

✓ 2. Swaran Singh Committee

X 3. Union Power Committee

X4. Provincial Constitution Committee

Question ID: 7518973919 Option 1 ID: 75189715676

Option 2 ID: 75189715674 Option 3 ID: 75189715673

Option 4 ID: 75189715675

Status: Answered



- Q.52 Which of the following statements is/are true for a DC motor?
 - The function of the split rings is to reverse the flow of current.
 - (ii) Maximum force is experienced by arms of the coil aligned parallel to the magnetic field
 - (iii) Reversing current after every half rotation leads to continuous rotation of coil.

Ans

- **×** 1. Only (i)
- × 2. Only (ii)
- **X** 3. Both (i) and (ii)
- 4. Both (i) and (iii)

Question ID : 7518975531 Option 1 ID : 75189722121 Option 2 ID : 75189722122 Option 3 ID : 75189722123 Option 4 ID : 75189722124

Status: Answered

Chosen Option : 2

- Q.53 Stepping out from a flower shop, Jaya walks 100 m towards the north. She then takes a right turn and walks 45 m. She then takes right turn and walks 175 m. She then takes a left turn and walks 50 m. She then takes a left turn and walks 75 m to reach a tea stall. How far and in which direction is the flower shop from the tea stall? (All turns are 90 degree turns only)
- Ans
- X 1. 105 m, North
- × 2. 105 m, West
- × 3. 95 m, East

Adda

Question ID: 7518975046 Option 1 ID: 75189720181 Option 2 ID: 75189720182 Option 3 ID: 75189720183

Option 4 ID : **75189720184**Status : **Answered**

Chosen Option: 4

- Q.54 The average of the first twelve multiples of 11 is:
- Ans
- X 1. 68.5
- √ 2. 71.5
- X 3. 69.5
- × 4. 70.5

Question ID: **7518976303**Option 1 ID: **75189725212**Option 2 ID: **75189725209**

Option 3 ID : **75189725211** Option 4 ID : **75189725210**

Status : **Answered**



Q.55 From the numbers 51, 52, 53,100, find the sum of the smallest and the greatest prime numbers as given.

Ans X 1. 123

√ 2. 150

X 3. 139

X 4. 154

Question ID: 7518976033

Option 1 ID: 75189724130 Option 2 ID: 75189724132 Option 3 ID: 75189724131

Option 4 ID: 75189724129 Status: Answered

Chosen Option: 2

Q.56 In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

Number/Symbol	6	5	&	@	?	9	<	#	2	%	Į.	3	=	7
Code	М	L	R	Т	U	P	н	Y	A	v	С	X	D	G

Conditions:

- (i) If the first element is a number and the last, a symbol, the codes for these two are to be interchanged.
- (ii) If the first element is an odd number and the last, an even number, the first and last elements are to be coded as O.
- (iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will '6 < % 2 #' be coded?

Ans X1. YYVAM

X2. ØYCAØ

✓ 3. YHVAM

X4. MHVAY

Question ID: 7518975035

Option 1 ID: 75189720140

Option 2 ID: 75189720139

Option 3 ID: 75189720138

Option 4 ID: 75189720137

Status: Answered



Q.57 3 pencils and 5 pens together cost ₹81, whereas 5 pencils and 3 pens together cost ₹71. The cost of 1 pencil and 2 pens together is:

- Ans × 1. ₹29
 - × 2. ₹35
 - × 3. ₹26
 - **4**. ₹31

Question ID: 7518976331

Option 1 ID: 75189725324 Option 2 ID: 75189725323 Option 3 ID: 75189725322

Option 4 ID: 75189725321 Status: Answered

Chosen Option: 4

Q.58 For a grouped data, if X_t is the class mark and f_t is the corresponding frequency, then by direct method, mean x is

Ans

- \times 1. $\frac{\sum x_i}{\sum f_i}$
- \checkmark 2. $\frac{\sum f_i x_i}{\sum f_i}$
- \times 3. $\frac{\sum f_i x_i}{\sum x_i}$
- \times 4 $\sum f_i x_i$

Question ID: 7518975676

Option 1 ID: 75189722702 Option 2 ID: 75189722703

Option 3 ID: 75189722701 Option 4 ID: 75189722704

Status: Answered

Chosen Option: 2

Q.59 Refer to the following number series and answer the question.

25698038672522683653

How many such numbers are there in the series each of which is immediately preceded by an even number and immediately followed by an odd number?

Ans

- X 1. 3
 - **2**. **4**
- X 3. 5
- X 4. 2

Question ID: 7518975001

Option 1 ID: 75189720002

Option 2 ID: 75189720003

Option 3 ID: 75189720004

Option 4 ID: 75189720001

Status: Answered





Q.60 Which State Government has in March 2022 launched the 'Dalit Bandhu' welfare scheme for empowering Dalit families of the state and enabling entrepreneurship among them through a ₹10 lakh direct benefit transfer per family?

Ans X 1. Uttarakhand

× 2. Punjab

X 3. Odisha

🗸 4. Telangana

Question ID: 7518974160
Option 1 ID: 75189716638
Option 2 ID: 75189716640
Option 3 ID: 75189716637
Option 4 ID: 75189716639

Status: Marked For Review

Chosen Option: 3

Q.61 To which of the following organisms is the Cell Theory given by Schleiden and Schwann NOT applicable?

Ans

Viruses

× 2. Animals

× 3. Algae

× 4. Fungi

Question ID: 7518974562
Option 1 ID: 75189718245
Option 2 ID: 75189718246
Option 3 ID: 75189718248
Option 4 ID: 75189718247
Status: Answered

Chosen Option: 1

Q.62

In March 2022, in which state has India's first Virtual Smart Grid Knowledge Centre been inaugurated?

Ans

X 1. Himachal Pradesh

× 2. Punjab

× 3. Jharkhand

4. Haryana

Question ID: 7518973783 Option 1 ID: 75189715130 Option 2 ID: 75189715132 Option 3 ID: 75189715129 Option 4 ID: 75189715131

Status : Answered



Q.63 In a right-angled triangle, if the hypotenuse is 4 units greater than one side and 8 units greater than the other, then find the area of the triangle.

Ans

× 1 100 sq. units

× 2. 32 sq. units

X 4. 16 sq. units

Question ID: 7518976202
Option 1 ID: 75189724806
Option 2 ID: 75189724805
Option 3 ID: 75189724808
Option 4 ID: 75189724807

Status: Not Answered

Chosen Option: --

- Q.64 Ramesh wants to choose a material for making filament of a bulb. The chosen material should possess which of the following properties?
 - (i) Low melting point
 - (ii) Ability to glow at high temperatures
 - (iii) High resistance

Ans

- ✓ 1. Both (ii) and (iii)
- × 2. Only(ii)
- X 3. Only (i)
- X 4 Both (i) and (ii)



Question ID : 7518975489

Option 1 ID : 75189721956

Option 2 ID : 75189721954

Option 3 ID : 75189721953

Option 4 ID : 75189721955

Status : Answered

Chosen Option: 1

Q.65 Simplify $234 \times [8 - (6 + 2) \times 3] + 4234$.

Ans

- **1.** 490
- × 2. 423
- × 3. 940
- X 4. 324

Question ID: 7518975790

Option 1 ID: 75189723159

Option 2 ID: 75189723157

Option 3 ID: 75189723160

Option 4 ID: 75189723158

Status : Answered



Q.66 The amount of _____ in a plant cell alters its structure in order to facilitate movement.

Ans

- ✓ 1 water
- × 2. electro-chemical impulses
- × 3. hormones
- × 4. protein

Question ID : **7518974317** Option 1 ID : **75189717267**

Option 2 ID : **75189717265** Option 3 ID : **75189717268** Option 4 ID : **75189717266**

Status: Answered

Chosen Option : 1

- Q.67 The product of the roots of $x^2 7x + 12 = 0$ is _____.
- Ans **×** 1. −7
 - **×** 2. −12
 - **√** 3. 12
 - **X** 4. 7

Question ID : 7518976164

Option 1 ID: **75189724655** Option 2 ID: **75189724656** Option 3 ID: **75189724654**

Option 4 ID : **75189724653**Status : **Answered**

Chosen Option: 3

- Carbon is unable to form C^{4+} ion because _____.
- Ans X 1. it gains electrons easily

 - × 3. it shows catenation property
 - X 4. it has tetra valency

Question ID: 7518973397

Option 1 ID: **75189713585**

Option 2 ID: **75189713587** Option 3 ID: **75189713588**

Option 4 ID : **75189713586**

Status: Answered

Q.69 We can prepare eco-friendly carry bags with _____.

- Ans X 1. glass
 - × 2. plastic
 - × 3. rubber
 - 4. paper

Question ID: 7518974476 Option 1 ID: 75189717904 Option 2 ID: 75189717902

Option 3 ID: 75189717903 Option 4 ID: 75189717901 Status: Answered

Chosen Option: 4

In which part of the Indian Constitution is Panchayati Raj described?

- Ans X 1. Part VIII
 - × 2. Part VI
 - ✓ 3. Part IX
 - X 4. Part VII

Question ID: **7518974303** Option 1 ID: 75189717211 Option 2 ID: 75189717209 Option 3 ID: 75189717212 Option 4 ID: 75189717210 Status: Answered

Chosen Option: 3

Q.71 What is the correct order of elements according to their valence shell electrons?

- √ 1. F > O > C > Li
- \times 2. Li > O > C > F
- X 3. Ne > N > F > Be
- \times 4. B > C > O > F

Question ID: 7518973724

Option 1 ID: 75189714894

Option 2 ID: 75189714893

Option 3 ID: **75189714895** Option 4 ID: 75189714896

Status: Answered





Q.72

What is the name of the phenomenon of wearing down of relief variations of the surface of the Earth through erosion?

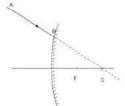
Ans

- ✓ 1. Gradation
- × 2. Eruptions
- X 3. Germination
- × 4. Solidification

Question ID: 7518973889 Option 1 ID: 75189715555 Option 2 ID: 75189715554 Option 3 ID: 75189715553 Option 4 ID: 75189715556

Status : **Answered** Chosen Option : **3**

Q.73 A light ray AB is incident on a convex mirror as shown in the figure. What will be the angle of reflection?



Ans

X 1. 90°

√ 2. 0°

X 3. 30°

X 4. 45°

Question ID : **7518975363**Option 1 ID : **75189721452**Option 2 ID : **75189721449**

Option 3 ID : **75189721450** Option 4 ID : **75189721451**

Status : Answered





Q.74 For a ray of light undergoing refraction through a triangular glass prism, the angle of deviation is the angle between:

Ans X1 the incident ray and the normal at the point of incidence

- X 3. the incident ray and the refracted ray
- × 4. the refracted ray and the emergent ray

Question ID: 7518975428
Option 1 ID: 75189721710
Option 2 ID: 75189721711
Option 3 ID: 75189721709
Option 4 ID: 75189721712
Status: Answered

Chosen Option : 1

Q.75 Six boys, Prateek, Kartik, Yash, Himmat, Dev and Nihit, are sitting in a straight line. All are facing the north direction. Prateek sits second to the left of Kartik. Dev is sitting at one of the extreme ends. Only Prateek is sitting between Yash and Himmat. Kartik sits to the immediate left of Nihit. Himmat sits third to the right of Dev. Who is sitting to the immediate left of Kartik?

Ans X 1. Prateek

X 2. Dev

X 3. Yash

✓ 4. Himmat

Question ID: 7518975143 Option 1 ID: 75189720571 Option 2 ID: 75189720572 Option 3 ID: 75189720569 Option 4 ID: 75189720570

Status : Answered

Chosen Option: 4

Q.76 Many scientists before Mendel had started studying the inheritance of traits in peas and other organisms, but Mendel succeeded in giving the laws of Inheritance. Some reasoning for Mendel's success are mentioned below. All are correct except one. Select the INCORRECT reasoning?

Ans X 1.

He studied the inheritance of one character at a time, whereas scientists before him had considered the organism as a whole.

- ✓ 2. He worked with a small sample size.
- X 3. He blended his knowledge of Science and Mathematics.

X 4.

He kept a count of individuals of a particular trait in each generation.

Question ID: 7518974639
Option 1 ID: 75189718554
Option 2 ID: 75189718556
Option 3 ID: 75189718553
Option 4 ID: 75189718555

Status : Answered





Q.77 Some people are playing on a football ground. Only two are wearing red coloured T-shirts. Exactly three are wearing yellow-coloured T-shirts. The one who is wearing a red T-shirt passed the ball to the only individual wearing a saffron coloured T-shirt. The person wearing a white coloured T-shirt tackled the person wearing the saffron coloured T-shirt, and then passed the ball to the player who is wearing the green coloured T-shirt. No other individual is playing on the

How many total players are playing football on the ground?

Ans × 1. 9

√ 2. **8**

X 3. 10

X 4. 7

Question ID: 7518974738

Option 1 ID: 75189718950 Option 2 ID: 75189718949 Option 3 ID: 75189718951 Option 4 ID: 75189718952

> Not Attempted and Status : Marked For Review

Chosen Option: --

Q.78 By selling an item at a 10% profit a seller makes a profit of ₹777.70. Find the cost price of the item.

Ans

X 1. ₹7,707

√ 2. ₹7,777

× 3. ₹7,277

× 4. ₹7,177

Question ID: 7518975858

Option 1 ID: 75189723429

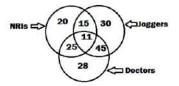
Option 2 ID: 75189723430 Option 3 ID: 75189723432

Option 4 ID: 75189723431

Status: Answered



Q.79 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many such doctors are there who are also joggers but NOT NRIs?

Ans

X 1. 28

X 2. 75

3. 45

X 4. 56

Question ID: 7518975177

Option 1 ID: 75189720707 Option 2 ID: 75189720708 Option 3 ID: 75189720705 Option 4 ID: 75189720706

Status : Answered

Chosen Option: 3

Q.80 The following question is based on the given six, 4-digit numbers.

(Left) 8347, 5486, 9627, 4913, 8721, 6418 (Right)

(For example, 2456: 6 = digit in unit's place, 5 = digit in ten's place, 4 = digit in hundred's place, 2 = digit in thousand's place)

NOTE - All operations to be done from left to right.

What will be the resultant if the digit in hundred's place of the largest number is added to the digit in thousand's place of the smallest number?

Ans

X 1. 9

X 2.

X 3. 8

4. 10

Question ID: 7518974820

Option 1 ID: **75189719280**

Option 2 ID : **75189719277** Option 3 ID : **75189719278**

Option 4 ID: 75189719279

Status: Not Answered

Chosen Option : --



Q.81 The following reaction is an example of _____.

 $Mg(OH)_2 + 2HCl \rightarrow MgCl_2 + 2H_2O$

- Ans 🗸 1. neutralisation reaction
 - × 2 precipitate reaction
 - × 3. decomposition reaction
 - × 4. combination reaction

Question ID: 7518973441

Option 1 ID: 75189713763 Option 2 ID: 75189713764

Option 3 ID: 75189713761 Option 4 ID: 75189713762

Status: Answered

Chosen Option: 4

Q.82 Which of the following foods is high in iron?

Ans

- × 1. Milk
 - 2. Jaggery
- × 3. Butter
- X 4. Rice

Question ID: 7518974411

Option 1 ID: 75189717642

Option 2 ID: 75189717641

Option 3 ID: 75189717643 Option 4 ID: 75189717644

Status: Answered

Chosen Option: 2

Q.83 As of July 2022, who among the following is the Chairman of 15th Finance Commission of India?

Ans

- ✓ 1. NK Singh
- X 2. Anoop Singh
- X 3. Arvind Mehta
- Ashok Lahiri

Question ID: 7518976560

Option 1 ID: 75189726240

Option 2 ID: 75189726239

Option 3 ID: 75189726238

Option 4 ID: 75189726237

Status: Answered



Q.84 The radius of curvature of a given spherical mirror is -20 cm. The focal length of the mirror is:

Ans

× 1. 40 cm

× 2. -40 cm

√ 3. -10 cm

X 4. 10 cm

Question ID: 7518975377
Option 1 ID: 75189721508
Option 2 ID: 75189721506
Option 3 ID: 75189721505

Option 4 ID : **75189721507**Status : **Answered**

Chosen Option: 3

Q.85 Sindhu Darshan festival is celebrated in which part of India?

Ans

× 1. Punjab

✓ 2. Ladakh

X 3. Sikkim

X 4. Uttar Pradesh

Question ID: 7518974175

Option 1 ID : **75189716697**

Option 2 ID: **75189716700**

Option 3 ID : **75189716699** Option 4 ID : **75189716698**

Status : Answered



Q.86 The following table shows the number of male and female employees working in four departments of an organization i.e. HR, Production, Marketing and Operations. Study the table and answer the question.

Departments	Male	Female
HR	35	65
Production	160	155
Marketing	176	140
Operations	128	142

What is the ratio of the total number of employees in Production (both male and female taken together) and the total number of employees in Operations (both male and female employees taken together), respectively?

Ans

√ 1. 7:6

X 2. 7:3

X 3. 8:5

X4.6:5

Question ID: 7518975345

Option 1 ID: 75189721377

Option 2 ID: **75189721378**

Option 3 ID: **75189721380**

Option 4 ID : **75189721379** Status : **Answered**

Chosen Option: 1

Q.87

Name the firm that has acquired neo bank Avail Finance in March 2022?

Ans

Phonepay

× 2. Paytm

X 3. Uber

✓ 4. Ola

Question ID: 7518973849

Option 1 ID: 75189715396

Option 2 ID: 75189715393

Option 3 ID : **75189715395**

Option 4 ID: **75189715394**Status: **Not Answered**



- Q.88 Which scheme has been introduced by the Department of Biotechnology, Government of India, for awarding writers for writing original books in Hindi on the subjects related to Biotechnology?
- Ans 🗡 1 Dr. Aryabhatta Hindi Granth Lekhan Puraskar Yojna
 - X 2.
 - Dr. Hargobind Khurana Hindi Granth Lekhan Puraskar Yojna

 - Dr. Jagdish Chandra Bose Hindi Granth Lekhan Puraskar Yojna
 - X 4. Dr. Raman Bose Hindi Granth Lekhan Puraskar Yojna

Question ID: 7518974133 Option 1 ID: 75189716532 Option 2 ID: 75189716531 Option 3 ID: 75189716529 Option 4 ID: 75189716530 Status: Not Answered

Chosen Option: --

- Q.89 The position of how many letters will remain unchanged if each of the letters in the word 'ACQUIRE' is arranged in alphabetical order?
- Ans X 1. 2
 - √ 2. 3
 - X 3. 1
 - X 4. 4

Question ID: 7518974986 Option 1 ID: 75189719942 Option 2 ID: 75189719943

Option 3 ID: 75189719941 Option 4 ID: 75189719944 Status: Answered

Chosen Option: 2

$${4-3\times[7-8\times(2\times4-10)]}$$

- Ans X 1. 65
 - **√** 2. **−65**
 - **X** 3. −25
 - X 4. 73

Question ID: 7518975548 Option 1 ID: 75189722191 Option 2 ID: 75189722189 Option 3 ID: 75189722190

Option 4 ID: 75189722192 Status: Answered





Q.91 Which flower of Himalaya has antiseptic properties and hence can help in the healing of bruises?

Ans 🔀 1. Datura

× 2. Ricinus

3. Brahma Kamal

X 4. Parthenium

Question ID: 7518974087 Option 1 ID: 75189716346 Option 2 ID: 75189716348 Option 3 ID: 75189716345 Option 4 ID: 75189716347 Status: Answered

Chosen Option : 4

Q.92 Who among the following was the Team India Flag Bearer at the 2022 Commonwealth Games opening ceremony in Birmingham?

Ans

X 1. Aditi Ashoke

✓ 2. PV Sindhu

✗ 3. Lovlina Borgohain

X 4. Mirabai Chanu

Question ID: 7518976521 Option 1 ID: 75189726084 Option 2 ID: 75189726082 Option 3 ID: 75189726081 Option 4 ID: 75189726083

Status : **Answered** Chosen Option : **2**

Q.93 Based on the given statement, four conclusions are drawn. Find out which conclusion is NOT true based on the statement.

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

Ans \times 1. D > G

√ 2. A > E

 \times 3. E > B

X 4. C ≤ E

Question ID: **7518974772**Option 1 ID: **75189719088**Option 2 ID: **75189719086**

Option 3 ID : **75189719087** Option 4 ID : **75189719085**

Status : Answered





Q.94 How many languages as on June 2022 have the status of 'classical language' in India?

√ 1. 6

X 2. 5

X 3. 4

X 4. 3

Question ID: 7518974184 Option 1 ID: 75189716736 Option 2 ID: 75189716735 Option 3 ID: 75189716734

Option 4 ID: 75189716733 Status: Answered

Chosen Option: 1

Q.95 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

EHT-13, HKW-17, LOA-22, QTF-28, WZL-35,?

Ans X 1. CGT-41

× 2. DGT-44

X 3. DHR-43

Question ID: 7518975213 Option 1 ID: 75189720849 Option 2 ID: 75189720851 Option 3 ID: 75189720850 Option 4 ID: 75189720852

Status: Answered

Chosen Option: 4

Q.96 In April 2022 the Lok Sabha passed the Constitution (Scheduled Castes and Scheduled Tribes) Orders (Second Amendment) Bill, 2022 which seeks to amend the Constitution to include Gonds and associated tribes in the Scheduled Tribes category in certain districts of

Ans

1. Uttar Pradesh

X 2. Himachal Pradesh

× 3. Sikkim

× 4. Assam

Question ID: 7518976536

Option 1 ID: 75189726144 Option 2 ID: 75189726142 Option 3 ID: 75189726143

Option 4 ID: 75189726141 Status: Not Answered



Q.97	The phloem	is the	plant's	vascular	tissue	that	transports	
------	------------	--------	---------	----------	--------	------	------------	--

Ans X 1. Gases

× 2. oxygen

✓ 3. nutrients

× 4. water

Question ID: 7518974343 Option 1 ID: 75189717371 Option 2 ID: 75189717372 Option 3 ID: 75189717370 Option 4 ID: 75189717369

Status: Answered

Chosen Option: 1

'Double Circulation' CANNOT be observed in . .

Ans

🔀 1. eagle

× 2. snake

× 3. fish

Question ID: 7518974400 Option 1 ID: 75189717600 Option 2 ID: 75189717599 Option 3 ID: 75189717597 Option 4 ID: 75189717598

Status: Not Answered

Chosen Option: --

At what rate of per cent per annum will ₹1,300 give ₹520 as simple interest in 5 years?

Ans

X 1. 4%

X 2. 5%

X 3. 7%

4. 8%

Question ID: 7518975614 Option 1 ID: 75189722453

Option 2 ID: 75189722454 Option 3 ID: 75189722455 Option 4 ID: 75189722456

Status: Answered





Q.100 The total surface area of a cylinder of radius 70 m and height 140 m, is:

Ans

× 1. 61,524 m²

× 2. 82,500 m²

× 3. 5124 m²

✓ 4. 92,400 m²

Question ID: 7518975757

Option 1 ID: 75189723027 Option 2 ID: 75189723025 Option 3 ID: 75189723028 Option 4 ID: 75189723026

Status : Answered

Chosen Option : 4

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