





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



Dall Manakan	
Roll Number	
Candidate Name	
Test Center Name	iON Digital Zone iDZ Bhagalpur
Test Date	02/09/2022
Test Time	5:00 PM - 6:30 PM
Subject	Level 1

^{*} Note

Correct Answer will carry 1 mark per Question.

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

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

Section : Level 1

Q.1 The 74th Constitutional Amendment Act provides for ______ for a transitional area between a rural and urban area.

Ans

1. Nagar Panchayat

2. Municipal Council

3. Gram Panchayat

★ 4 Municipal Corporation

Question ID: 7518978943 Option 1 ID: 75189735769 Option 2 ID: 75189735771 Option 3 ID: 75189735772

Option 4 ID : **75189735770**Status : **Answered**

Chosen Option: 2

Q.2 An object is placed at a distance of 40 cm from a convex lens having focal length 20 cm. Which option given below, correctly describes the nature and the relative size of the image formed in the respective order?

Ans

X 1. Virtual, erect and diminished

X 2 Real, inverted and diminished

X 3. Virtual, erect and enlarged

✓ 4 Real, inverted and same sized

Question ID: 7518975408

Option 1 ID: 75189721632

Option 2 ID: **75189721630**

Option 3 ID: **75189721631**

Option 4 ID: **75189721629**

Status : Answered

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Q.3 A certain number of people are sitting in a row and all are facing north. Exactly one person is sitting between G and K. I is sitting third to the right of J. H is sitting to the immediate right of G. Exactly four persons are sitting between I and K. M is sitting at the second position to the left of K. If it is given that there is no other person sitting in the row, what is the total number of people in the row?

Ans

√ 1. 12

X 2. 13

X 3. 10

X 4. 11

Question ID: 7518977906 Option 1 ID: 75189731621 Option 2 ID: 75189731624 Option 3 ID: 75189731622 Option 4 ID: 75189731623

Status : Answered

Chosen Option: 3

Q.4 When baking soda is heated it converts into ______, water, and carbon dioxide.

Ans

✗¹. sodium hydroxide

X 2. sodium acetate

× 3. sodium chloride

4 sodium carbonate

Question ID: 7518973479
Option 1 ID: 75189713915
Option 2 ID: 75189713914
Option 3 ID: 75189713913
Option 4 ID: 75189713916
Status: Answered

Chosen Option: 4

- Q.5 An element X combines with chlorine to form a compound XCl. The element X is placed on the left side of the periodic table. Which of the following statements are correct for element X?
 - (i) Has one valence electron.
 - (ii) Is a metal and is solid.
 - (iii) Is a non-metal and is a gas.
 - (iv) Has five valence electrons.

Ans

🔀 1. Only (iii)

× 2. Only (i) and (iii)

× 4. Only (iv)

Question ID: 7518973733

Option 1 ID : 75189714929

Option 2 ID : **75189714931** Option 3 ID : **75189714932**

Option 4 ID : **75189714930**

Status: Not Answered

Chosen Option : --



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 statement.

Statements:

Some woods are charcoals

Some petrol is diesel

All diesel are fossils

(I) Some petrol are charcoals

(II) Some fossils are petrol

(III) Some woods are diesel

Ans

None of the conclusions follow

✓ 2. Only conclusion II follows

X 3 Only conclusion I and III follows

★ 4 Only conclusion I follows

Question ID: 7518977606 Option 1 ID: 75189730424

Option 2 ID: 75189730422 Option 3 ID: 75189730423 Option 4 ID: 75189730421

Status: Answered

Chosen Option: 2

If
$$\frac{(15x-9)}{x} + \frac{(15y-9)}{y} + \frac{(15z-9)}{z} = 0$$
, then the value of $\frac{1}{x} + \frac{1}{y} + \frac{1}{z}$ is:

Ans X 1. 6

2. 5

X 3. 4

X 4. 7

Question ID: 7518978631 Option 1 ID: 75189734522 Option 2 ID: 75189734523 Option 3 ID: 75189734524 Option 4 ID: 75189734521 Status: Not Answered

Chosen Option: --

Q.8 The part of the northern plains of India comprising older alluvium is known as:

Ans

✓ 1 Bhangar

× 2. Terai

X 3. Khadar

¾ 4. Bhabar

Question ID: 7518974273 Option 1 ID: 75189717091 Option 2 ID: 75189717092 Option 3 ID: 75189717090 Option 4 ID: 75189717089 Status: Answered



Which instrument aids in the detection of the heartbeat?

Ans

✓ 1. Stethoscope

X 2. Thermometer

× 3. Spirometer

★ 4 Sphygmomanometer

Question ID: 7518974396

Option 1 ID: 75189717581

Option 2 ID: 75189717584 Option 3 ID: **75189717583**

Option 4 ID: **75189717582**

Status : Answered Chosen Option: 1

The value of $\sqrt{74529}$ is:

Ans X 1. 239

X 2. 243

⊘ 3. 273

X 4. 259

Question ID: 7518976225

Option 1 ID: 75189724899

Option 2 ID: 75189724897

Option 3 ID: 75189724900

Option 4 ID: 75189724898 Status: Answered

Chosen Option: 3

Red and Yellow soils can easily be found in parts of

✓ 1 Odisha and Chhattisgarh

× 2. Rajasthan and Gujarat

X 3. Manipur and Sikkim

¥ 4 Jammu and Kashmir and Ladakh

Question ID: 7518978897

Option 1 ID: 75189735586

Option 2 ID: 75189735585

Option 3 ID: 75189735587

Option 4 ID: 75189735588

Status: Answered





Q.12 What is the natural resource from which petrol and diesel are obtained?

Ans X 1. Coke

× 2. Coal tar

× 3. Bitumen

✓ 4. Petroleum

Question ID: 7518977877 Option 1 ID: Option 2 ID: Option 3 ID:

Option 4 ID: 75189731505 Status : Answered

Chosen Option: 4

Q.13 The Resistance of a conductor is:

Ans X 1. The ratio of I and V

× 2. The product of I and V

X 3. The Difference of V and I

✓ 4. The ratio of V and I

Question ID: 7518978127

Option 1 ID: 75189732505 Option 2 ID: **75189732506** Option 3 ID: **75189732508**

Option 4 ID: 75189732507

Status: Answered Chosen Option: 4

Q.14 The HCF of the numbers 64, 86,108 and 260 is:

Ans 🗙 1. 4

√ 2. 2

X 3. 8

X 4. 6

Question ID: 7518978646

Option 1 ID: **75189734582**

Option 2 ID: **75189734581**

Option 3 ID: **75189734584**

Option 4 ID: 75189734583

Status : Answered



Five times a number is 65. Find the number.

Ans X 1. 15

X 2. 11

√ 3. 13

× 4. 10

Question ID: 7518976144

Option 1 ID: 75189724576

Option 2 ID: **75189724574**

Option 3 ID: 75189724575

Option 4 ID: **75189724573**

Status: Answered

Chosen Option: 3

Q.16 The Women's Day week to raise awareness on 'Safety and Security of Women' was celebrated from

Ans X 1. 4th to 11th March

2. 7th to 14th March

√ 3. 1st to 8th March

X 4. 10th to 17th March

Question ID: 7518977458

Option 1 ID: 75189729830

Option 2 ID: 75189729831

Option 3 ID: 75189729829 Option 4 ID: 75189729832

Status: Not Answered

Chosen Option: --

Q.17 In which of the following situations will there be no potential difference induced in the coil?

- (a) A bar magnet moving towards a stationary coil
- (b) A coil moving towards a stationary bar magnet
- (c) A coil and a bar magnet moving in the same direction with the same speed
- (d) A coil and a bar magnet moving towards each other with the same speed

Ans X 1. (a)

√ 2. (c)

X 3. (d)

X 4. (b)

Question ID: 7518976751

Option 1 ID: 75189727001

Option 2 ID: 75189727003

Option 3 ID: 75189727004

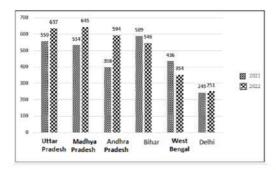
Option 4 ID: 75189727002

Status: Not Answered



Q.18 Study the given graph and answer the question that follows.

The graph presents the total production of crops (in metric tonnes) in six different states/UTs of the country in the years 2021 and 2022.



In which pair of states/UTs is the ratio of total crop production for both the years 1:2?

Ans

- ★ 1 Delhi and Uttar Pradesh
- X 2. West Bengal and Madhya Pradesh
- ✓ 3. Delhi and Andhra Pradesh
- × 4. West Bengal and Andhra Pradesh

Question ID: 7518978094

Option 1 ID: 75189732375

Option 2 ID: 75189732373

Option 3 ID: 75189732374 Option 4 ID: 75189732376

Status: Answered

Chosen Option: 3

Q.19 A boat takes 21 minutes to go 12.6 km upstream. The ratio of the speed of the boat in still water to that of the stream is 7:2. How much total time (in hours) will the boat take to go 43.2 km upstream and 38.88 km downstream?

Ans × 1. 2.4

X 2. 2

X 3. 1.6

√ 4. 1.8

Question ID: 7518978396

Option 1 ID: 75189733584

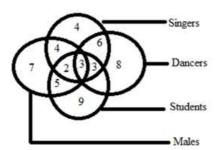
Option 2 ID: **75189733583**

Option 3 ID: 75189733581

Option 4 ID: **75189733582** Status: Not Answered



Q.20 Study the Venn Diagram given below and answer the question that follows.



How many male students are neither singers nor dancers?

Ans X 1. 2

√ 2. **5**

X 3. 4

X 4. 3

Question ID: 7518977916

Option 1 ID: **75189731663**

Option 2 ID: 75189731662

Option 3 ID: 75189731661

Option 4 ID: 75189731664

Status: Answered

Chosen Option: 2

Q.21 Which one of the following districts in Western India recorded a temperature of 1.1 degrees Celcius on December 18, 2021?

Ans

X 1. Morbi

× 2. Banswara

🖋 3. Churu

X 4. Patan

Question ID: 7518974071

Option 1 ID: 75189716283

Option 2 ID: 75189716282

Option 3 ID: 75189716281

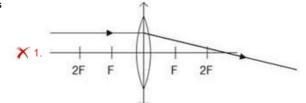
Option 4 ID: **75189716284**

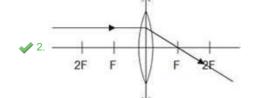
Status: Answered

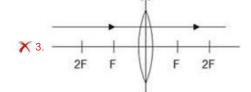


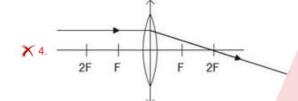
Q.22 Which of the following diagrams correctly represents the path of a light ray incident parallel to the principal axis after refraction through the lens?

Ans









Question ID : 7518975409

Option 1 ID: **75189721634**Option 2 ID: **75189721636**Option 3 ID: **75189721633**

Option 4 ID : **75189721635** Status : **Answered**

Chosen Option: 3

Q.23 How many such pairs of letters are there in the word LOVABLE (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

Ans

X 1. 5

X 2. 6

X 3. 3

√ 4. 1

Question ID : 7518977961

Option 1 ID : **75189731843** Option 2 ID : **75189731844**

Option 3 ID : **75189731842** Option 4 ID : **75189731841**

Status: Answered



Q.24 Refer to the following letter and symbol series and answer the question.

(Left) E # R & H & @ J & M N # B & V && D # P @ W % & Q & A % & # E & (Right)

If all the symbols are dropped from the series, which of the following will be third from the left?

Ans X 1. J

X 2. M

X 3. Q

√ 4. H

Question ID: 7518975233

Option 1 ID: 75189720930

Option 2 ID: 75189720931

Option 3 ID: 75189720932 Option 4 ID: 75189720929

Status: Answered

Chosen Option: 4

Q.25

Let $0^{\circ} < \theta < 90^{\circ}$. $\sqrt{\frac{\sec^2\theta + \cos^2\theta}{\tan^2\theta - \sin^2\theta}} \times \frac{(1 + \tan^2\theta)\sin^2\theta}{(\csc\theta - \cot\theta)(1 + \cos\theta)}$ is equal to:

Ans \times 1. $sin^2 \theta cos^2 \theta$

 \times 2. $sec^2\theta$

 \checkmark 3. $cosec^2\theta sec^2\theta$

 \times 4. cot² θ

Question ID: 7518978485

Option 1 ID: 75189733938 Option 2 ID: 75189733940

Option 3 ID: 75189733937

Option 4 ID: 75189733939

Status: Not Answered

Chosen Option: --

Q.26 A solid metallic cuboid of sides 4 cm × 10 cm × 15 cm is melted and made into small identical dices of 2 cm × 2 cm × 2cm. How many such dices can be made?

Ans

√ 1. 75

X 2. 43

X 3. 40

X 4. 36

Question ID: 7518976191

Option 1 ID: 75189724762

Option 2 ID: 75189724761

Option 3 ID: 75189724764

Option 4 ID: 75189724763

Status: Answered



Q.27 Sharad walks 4 km towards the west and then turns right and walks 5 km. Again, he turns left and walks 7 km. Finally, he turns to his left and walks 5 km. How far is he from the starting point? (All turns are 90 degree turns only)

Ans × 1. 10 km

√ 2. 11 km

× 3. 21 km

× 4. 14 km

Question ID: 7518979020

Option 1 ID: 75189736077

Option 2 ID: **75189736078**

Option 3 ID: 75189736080 Option 4 ID: 75189736079

Status: Answered

Chosen Option: 2

Q.28 A certain number of people are sitting in a row, facing north. B sits fourth to the right of E. C sits third to the right of B. A sits sixth to the left of E. There are only two persons between C and D. If no other person is sitting in the row, what is the total number of persons seated?

Ans X 1. 20

X 2. 12

X 3. 9

√ 4. 17

Question ID: 7518978199

Option 1 ID: 75189732796

Option 2 ID: 75189732793

Option 3 ID: 75189732794

Option 4 ID: 75189732795 Status: Answered

Chosen Option: 4

Q.29 How many prime numbers are there between 20 and 80?

Ans X 1. 15

√ 2. 14

X 3. 13

X 4. 16

Question ID: 7518975816

Option 1 ID: 75189723263

Option 2 ID: **75189723262**

Option 3 ID: 75189723261

Option 4 ID: 75189723264

Status: Answered





Q.30 Which of the following wastes CANNOT be degraded by bacteria or other saprophytes?

Ans X 1. Paper

× 2. Excreta

X 3. Leather

4. Plastic

Question ID: 7518977865 Option 1 ID: 75189731458 Option 2 ID: 75189731457 Option 3 ID: 75189731460 Option 4 ID: 75189731459

Status: Answered

Chosen Option: 4

Q.31 In a quadrilateral ABCD, $\angle A = 86^{\circ}$ and $\angle B = 72^{\circ}$. The bisectors of $\angle C$ and $\angle D$ meet at O. What is the measure of ∠DOC?

Ans X 1. 69°

√ 2. 79°

X 3. 91°

X 4. 101°

Question ID: 7518978477

Option 1 ID: 75189733905 Option 2 ID: 75189733906 Option 3 ID: 75189733907

Option 4 ID: 75189733908 Status: Answered

Chosen Option: 2

Q.32 Six friends, A, B, C, D, E and F, are sitting in a circle facing the centre of the circle. A is 2nd to the right of E. Only one person sits between F and D. B and D are immediate neighbours. F is 3rd to the right of B. C is second to the right of D.

Who sits between D and F?

Ans

X 1. D

X 2. B

X 3. C

√ 4. A

Question ID: 7518978948

Option 1 ID: 75189735792

Option 2 ID: **75189735790**

Option 3 ID: 75189735791

Option 4 ID: 75189735789

Status: Answered





Q.33 What is the main role of the Reserve Bank of India?

Ans 🥒 1

It conducts consolidated supervision of the financial sector in India.

2. It provides fund to the private sector industries.

× 3. It maintains the profit generated by the banking sector.

★ 4 It lends money to all people.

Question ID : 7518978889
Option 1 ID : 75189735554
Option 2 ID : 75189735555
Option 3 ID : 75189735556
Option 4 ID : 75189735553
Status : Answered

Chosen Option: 1

Q.34 Which of the following is an indigenously developed automatic train protection system tested in India in March 2022?

Ans

✓ 1. KAVACH

× 2. BACHAAV

X 3. RAKSHAA

X 4. SANRAKSHAN

Question ID: 7518978502
Option 1 ID: 75189734007
Option 2 ID: 75189734008
Option 3 ID: 75189734006
Option 4 ID: 75189734005
Status: Answered

Chosen Option : 1

Adda 247





Match the following:

Compound	Name
i. C ₆ H ₆	a. Ethane
ii. H ₂ C=CH ₂	b. Benzene
ііі. СН₃-СНО	c. Acetaldehyde
iv. CH ₃ COCH ₃	d. Ethylene
v. CH ₃ CH ₃	e. Acetone

Ans

√ 1 i-b, ii-d, iii-c, iv-e, v-a

× 2. i-d, ii-c, iii-e, iv-b v-a

X 3. i-d, ii-c, iii-a, iv-b. v-e

× 4. i-a, ii-b, iii-c, iv-e v-d

Question ID: 7518973554

Option 1 ID : **75189714215** Option 2 ID : **75189714216** Option 3 ID : **75189714213**

Option 4 ID : **75189714214**

Status : Answered

Chosen Option: 4

Q.36 Select the number from among the given options that can replace the question mark (?) in the following series.

188, 187, 183, 174, 158, ?

Ans

√ 1. 133

X 2. 129

X 3. 137

X 4. 139

Question ID: 7518979032

Option 1 ID: 75189736127

Option 2 ID: **75189736128**

Option 3 ID: **75189736126**

Option 4 ID: **75189736125**

Status : Answered





Which of the following statements about the Rajya Sabha is correct?

- Ans X 1. Half of the members retire every year.
 - ✓ 2. One-third of the members retire every second year.
 - ✗ 3. One-fifth of the members retire every second year.
 - × 4 One-third of the members retire every year.

Question ID: 7518978603 Option 1 ID: 75189734412 Option 2 ID: 75189734410 Option 3 ID: 75189734411 Option 4 ID: 75189734409

Status : Answered Chosen Option: 2

Q.38 In March 2022, in which state did the World Health Organization sign an agreement with India to set up a Global Centre for Traditional Medicine?

Ans

- X 1. Rajashtan
- X 2. Himachal Pradesh
- √ 3. Gujarat
- X 4. Kerala

Question ID: 7518973773 Option 1 ID: 75189715089 Option 2 ID: 75189715091 Option 3 ID: 75189715090 Option 4 ID: 75189715092 Status: Answered Chosen Option: 3

Who gave the laws of inheritance?

- Ans X 1. Watson and Crick
 - X 2. Carl Linnaeus
 - 3. Gregor Mendel
 - Charles Darwin

Question ID: 7518977844 Option 1 ID: 75189731375

Option 2 ID: 75189731373 Option 3 ID: 75189731376 Option 4 ID: 75189731374

Status: Answered



The volume of a cube whose side is 12 cm is:

Ans × 1. 1628 cm³

✓ 2. 1728 cm³

× 3. 1928 cm³

× 4. 1828 cm³

Question ID: 7518978793 Option 1 ID: **75189735172** Option 2 ID: 75189735171

Option 3 ID: 75189735169 Option 4 ID: **75189735170** Status: Answered

Chosen Option : 2

Q.41 Which of the following features of the Constitution of India is borrowed from the Constitution of Ireland?

Ans

X 1 Rule of law

✓ 2. Directive principles of state policy

✗ 3. Single citizenship

× 4. Parliamentary system of government

Question ID: 7518978586

Option 1 ID: 75189734342 Option 2 ID: 75189734341 Option 3 ID: 75189734344

Option 4 ID: 75189734343 Status: Answered

Chosen Option: 3

Q.42 A 2200 W electric toaster operates at 220 V. The resistance of its coil is:

Ans \times 1. 44 Ω

√ 2. 22 Ω

× 3. 88 Ω

× 4. 11 Ω

Question ID: 7518976720

Option 1 ID: 75189726879

Option 2 ID: **75189726878**

Option 3 ID: **75189726880**

Option 4 ID: 75189726877

Status: Answered





Q.43 In the process of storing and transferring ADP into ATP molecules, which of the following minerals is critical?

Ans X 1. Sodium

2. Phosphorus

X 3. Calcium

× 4. Iron

Question ID: 7518974330 Option 1 ID: 75189717320 Option 2 ID: 75189717317 Option 3 ID: 75189717318

Option 4 ID: 75189717319 Status: Answered

Chosen Option: 2

Q.44 If 2 is added to each odd digit and 2 is subtracted from each even digit in the number 485136785, what will be the difference between the digits which are second from the left and third from the right?

Ans X 1. 1

X 2. 2

X 3. 4

√ 4. 3

Question ID: 7518977753

Option 1 ID: 75189731009 Option 2 ID: 75189731010 Option 3 ID: 75189731012

Option 4 ID: 75189731011 Status: Answered

Chosen Option: 4

Q.45 If in a certain code language, CARBON is coded as DCUFTT and ENABLE is coded as FPDFQK, then how is CANDLE coded in that language?

Ans X 1. DCHQKQ

× 2. EDRIQK

X 3. EDRIKQ

Question ID: 7518979010

Option 1 ID: 75189736039

Option 2 ID: 75189736037

Option 3 ID: 75189736038

Option 4 ID: 75189736040

Status: Answered





Q.46 AB is parallel to CD. A transversal PQ intersects AB and CD at E and F, respectively, and ∠PEB = 78°. G is a point between AB and CD such that ∠BEG = 18° and ∠GFE = 30°. What is the measure of ∠EGF?

Ans

X 1. 72°

× 2. 58°

√ 3. 66°

X 4. 68°

Question ID : **7518978473**Option 1 ID : **75189733892**Option 2 ID : **75189733889**Option 3 ID : **75189733890**Option 4 ID : **75189733891**

Status: Not Answered

Chosen Option: --

Q.47 Given below is a statement followed by two possible conclusions I and II. Read the information carefully and select the correct option.

Statement:

Country B has been importing 80% of its crude oil and petroleum from country Y for a few decades now to fulfil their fuel needs. However, owing to the current financial crisis in country Y, it exports the crude oil and petroleum to other countries at 30% higher prices now.

Which of the following can be concluded from the given information?

I. The car resale industry in country B will be on verge of a total shut down in the coming months.

II. Country B will increase fuel tax by 30%.

Ans 🚀 1.

Neither I nor II can be concluded from the given information.

- × 2. Both I and II can be concluded from the given information.
- ✗ 3. Only II can be concluded from the given information.
- ★ 4. Only I can be concluded from the given information.

Adda

Question ID: 7518979090
Option 1 ID: 75189736360
Option 2 ID: 75189736359
Option 3 ID: 75189736358
Option 4 ID: 75189736357

Status : Answered

Chosen Option: 1

Q.48 In July 2022, the Supreme Court of India gave an order giving more power to the right to be forgotten, which has been acknowledged as a facet of the right to privacy by the top court in its 2017 landmark judgment, the new order is related

Ans

M 1 medical history

× 2. print media

× 3. phone calls

Question ID: 7518976776

Option 1 ID: **75189727104**Option 2 ID: **75189727101**Option 3 ID: **75189727103**

Option 4 ID : **75189727102**Status : **Answered**



Q.49 On which national festival is the National Flag of India hoisted by the Prime Minister at the Red Fort in old Delhi?

X 1. Republic Day

✓ 2. Independence Day

X 3. Gandhi Jayanti

X 4. National Constitution Day

Question ID: 7518978850 Option 1 ID: 75189735399 Option 2 ID: 75189735400 Option 3 ID: 75189735398 Option 4 ID: 75189735397

Status: Answered

Chosen Option: 2

Q.50 Refer to the following letter series and answer the question that follows.

AFRCDSYHNTEDCIDQACVYUINGRFSCWR

How many such consonants are there each of which is immediately preceded by a vowel and also immediately followed by a vowel?

Ans X 1. One

× 2. Three

X 3. Two

✓ 4. Zero

Question ID: 7518977975 Option 1 ID: 75189731898 Option 2 ID: 75189731900 Option 3 ID: 75189731899 Option 4 ID: 75189731897

Status : Answered

Chosen Option: 4

Q.51 If
$$a = 5$$
, then $\sqrt{(4a^2 - 4a + 1)} + 6a$ is:

Ans X 1. 69

X 2. 59

X 3. 49

4. 39

Question ID: 7518978623

Option 1 ID: 75189734489

Option 2 ID: 75189734490

Option 3 ID: 75189734491

Option 4 ID: 75189734492

Status: Answered





Q.52 Select the number from among the given options that can replace the question mark (?) in the following series.

10, 132, 234, 318, ?, 440.

Ans X 1. 369

X 2. 332

√ 3. 386

X 4. 373

Question ID: 7518979042 Option 1 ID: 75189736166 Option 2 ID: 75189736165 Option 3 ID: 75189736168

Option 4 ID: 75189736167 Status: Answered

Chosen Option: 3

Q.53 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(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)

13:195::11:143::7:?

Ans X 1. 107

X 2. 91

X 3. 105

√ 4. 63

Question ID: 7518978053

Option 1 ID: 75189732212

Option 2 ID: 75189732211 Option 3 ID: 75189732210

Option 4 ID : 75189732209

Status : Answered

Chosen Option: 4

Q.54 A large tanker can be filled by pipes A and B in 60 minutes and 30 minutes, respectively. How much time will it take to fill the empty tanker, if for half the time pipe B is opened and for the remaining time pipes A and B are opened?

Ans X 1. 20 minutes

X 2. 15 minutes

X 4. 28 minutes

Question ID: 7518976105

Option 1 ID: 75189724418

Option 2 ID: 75189724417

Option 3 ID: 75189724419

Option 4 ID: 75189724420

Status: Answered





Q.55 The centre of curvature of a convex mirror is located at +18 cm, as per New Cartesian Sign convention. Its focus is at

Ans X 1. 18 cm

√ 2. 9 cm

× 3. −18 cm

× 4. −9 cm

Question ID: 7518976582 Option 1 ID: 75189726327 Option 2 ID: 75189726325 Option 3 ID: 75189726328 Option 4 ID: 75189726326

Status: Not Answered

Chosen Option: --

Q.56 Six classmates L, M, N, O, P and Q compare the IGCSE results of their final exam. Each of them scored different marks. O scored more than N but less than L. M scored more than N. P scored less than N but more than Q. L scored less than M. Who among the six scored the most?

Ans X 1. O

✓ 2. M

X 3. N

X 4. L

Question ID: 7518977641 Option 1 ID: 75189730563 Option 2 ID: 75189730561 Option 3 ID: 75189730564 Option 4 ID: 75189730562 Status: Answered

Chosen Option: 2

Q.57 Pinky walked 160 m towards north, then she turned right and walks 240 m. Then she turned right and walked 280 m, then she turned left and walked 120 m. Finally, she turned left and walked 120 m. In which direction and how many metres is she from the starting position? (All turns are 90 degree turns only)

Ans X 1. West, 120 m

✓ 2. East, 360 m

X 3. East, 120 m

X 4. West, 360 m

Question ID: 7518979023

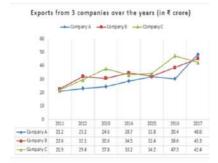
Option 1 ID: 75189736090 Option 2 ID: 75189736092

Option 3 ID: 75189736089 Option 4 ID: 75189736091

Status: Answered



Q.58 Study the following line graph and answer the question.



The average annual exports during the given period for Company B is what percentage of the average annual exports for Company C?

Ans

✓ 1. 95.90%

X 2. 97.32%

× 3. 93.99%

X 4. 96.65%

Question ID: 7518979059 Option 1 ID: 75189736234

Option 2 ID: 75189736236 Option 3 ID: 75189736233

Option 4 ID: 75189736235 Status: Not Answered

Chosen Option: --

Q.59 Select the term from among the given options that can replace the question mark (?) in the following alpha-numeric series to make it logically complete.

3Z6, 8Y12, 15X18, 24W24, 35V30, ?

Ans × 1. 48V36

× 2. 36V48

√ 3. 48U36

× 4. 36U48

Question ID: 7518978980

Option 1 ID: 75189735918

Option 2 ID: 75189735919

Option 3 ID: 75189735920

Option 4 ID: 75189735917 Status: Answered



Q.60 There are 88 mobile phones, each of separate brands, arranged in a straight row at a mobile centre. The K brand mobile is 47th from the left side of the row and the M brand mobile is 34th from the right side of the row. How many mobile phones are between K and M brands?

Ans 🗙 1. 10

X 2. 9

√ 3. **7**

X 4. 8

Question ID : **7518978957**Option 1 ID : **75189735825**

Option 2 ID : **75189735826** Option 3 ID : **75189735828** Option 4 ID : **75189735827**

Status : Answered

Chosen Option: 3

Q.61 A quadratic equation whose roots are $-\frac{2}{3}$ and $-\frac{3}{2}$ is:

Ans \times 1. $6x^2 - 13x - 1 = 0$

 x^2 $6x^2 - 13x + 6 = 0$

 \checkmark 3. $6x^2 + 13x + 6 = 0$

 x^4 $6x^2 + 13x + 1 = 0$

Question ID : **7518978454**Option 1 ID : **75189733816**Option 2 ID : **75189733815**Option 2 ID : **75189733815**

Option 3 ID : **75189733814** Option 4 ID : **75189733813**

Status: Not Answered

Chosen Option : --

Q.62 Name the process by which soluble products of photosynthesis are transported to other parts of the plant.

Ans 1. Translocation

× 2. Transpiration

X 3. Osmosis

X 4. Diffusion

Question ID: 7518977801

Option 1 ID: **75189731203** Option 2 ID: **75189731201**

Option 3 ID : **75189731201**

Option 4 ID : **75189731202**

Status : Answered



Q.63 Which of the following reactions is NOT an example of a displacement reaction?

Ans
$$\times$$
 1. $Pb(s) + CuCl_2(aq) \rightarrow PbCl_2(aq) + Cu(s)$

$$_{\checkmark}$$
 2AgBr(s) Sunlight $2Ag(s) + Br_2(g)$

$$\times$$
 3. $Zn(s) + CuSO_4(aq) \rightarrow ZnSO_4(aq) + Cu(s)$

$$\times$$
 4. $Fe(s) + CuSO_4(aq) \rightarrow FeSO_4(aq) + Cu(s)$

Question ID : 7518978121
Option 1 ID : 75189732484
Option 2 ID : 75189732482
Option 3 ID : 75189732483
Option 4 ID : 75189732481
Status : Not Answered

Chosen Option : --

Q.64 If each of the digits in the number 417593286 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 X 1. 2

X 2. 3

√ 3. **1**

X 4. 4

Question ID: 7518977749
Option 1 ID: 75189730994
Option 2 ID: 75189730995
Option 3 ID: 75189730993
Option 4 ID: 75189730996
Status: Answered

Chosen Option: 3

Q.65 Pipe P can fill ³/₄ part of a tank in 18 hours and pipe Q can fill ³/₅ part of the same tank in 12 hours. Both P and Q were kept open for 4 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 5 ¹/₂ hours. Pipes P, Q and R together can fill the empty tank in:

Ans X 1. 30 hours

X 2. 36 hours

× 3. 35 hours

Question ID : **7518978404** Option 1 ID : **75189733613** Option 2 ID : **75189733615**

Option 3 ID : **75189733614** Option 4 ID : **75189733616**

Status : Not Answered

Chosen Option : --





Catenation property is shown by:

Ans X 1. Oxygen

× 2. Nitrogen

√ 3. carbon

X 4. Helium

Question ID: 7518978108 Option 1 ID: 75189732430 Option 2 ID: 75189732431 Option 3 ID: 75189732429 Option 4 ID: 75189732432

Status : Answered

Chosen Option: 3

Q.67

, the then largest NBFC - MFI got merged with IndusInd bank in July 2019.

Ans

✓

¹ Bharat Financial Inclusion Limited

X 2. Bandhan Financial Services Limited

X 3. CreditAccess Grameen Limited

X 4. Annapurna Finance Private Limited

Question ID: 7518976829 Option 1 ID: 75189727313 Option 2 ID: 75189727314 Option 3 ID: 75189727316 Option 4 ID: 75189727315

Status: Not Answered

Chosen Option: --

Q.68 Two coils, A and B, such that A is connected to a battery through a key and a rheostat, and B is connected to a galvanometer, are arranged parallel and close to each other. In which of the following durations, as described, is/are current(s) induced in B?

(a) 0 to 50 s: the current in A is steady

(b) 50 to 60 s: the current in A is decreased at a constant rate

Ans X 1. Only (a)

× 2. Neither (a) nor (b)

X 3. Both (a) and (b)

✓ 4. Only (b)

Question ID: 7518976757

Option 1 ID: **75189727025**

Option 2 ID: 75189727027 Option 3 ID: 75189727028

Option 4 ID: 75189727026 Status: Not Answered



Q.69 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

13:28::15:30::20:?

Ans X 1. 36

X 2. 40

√ 3. **35**

X 4. 42

Question ID: **7518978309**

Option 1 ID: **75189733235**

Option 2 ID: 75189733234

Option 3 ID: 75189733236 Option 4 ID: **75189733233**

Status: Not Answered

Chosen Option: --

Q.70 How many resistors of 12 Ω must be connected in parallel combination to obtain 4 Ω resistance?

Ans X 1. 4 resistors

× 2. 2 resistors

X 4. 8 resistors

Question ID: 7518978139

Option 1 ID: 75189732554

Option 2 ID: **75189732553**

Option 3 ID: 75189732556 Option 4 ID: **75189732555**

Status : Answered

Chosen Option: 3

Q.71 Bone is an example of which of the following types of tissues?

× 1. Epithelial tissue

X 2. Muscular tissue

✓ 3. Connective tissue

X 4. Nervous tissue

Question ID: **7518977813**

Option 1 ID: 75189731251

Option 2 ID: 75189731249

Option 3 ID: **75189731250**

Option 4 ID: 75189731252

Status: Answered



Q.72 A, B, C, D, W, X, Y and Z are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the middle of the sides. C sits third to the left of W. C sits at one of the corners. A does not sit at any of the corners. Y sits second to the right of A. A is not an immediate neighbour of C. Only three people sit between B and D. B is an immediate neighbour of Z. B does not sit at any of the middle of the sides. Who sits second to the left of Y?

Ans X 1. D

✓ 2. A

X 3. C

X 4. B

Question ID: 7518978170

Option 1 ID: 75189732678 Option 2 ID: 75189732679

Option 3 ID: 75189732680 Option 4 ID: 75189732677 Status: Answered

Chosen Option: 2

Q.73 For the equation $2x^2 + bx + 3 = 0$, the smaller root is 0.5. Find the value of b.

X 2. −2

X 3. 1

X 4. 5

Question ID: 7518976163

Option 1 ID: 75189724650

Option 2 ID: 75189724651

Option 3 ID: 75189724652

Option 4 ID: 75189724649

Status: Not Answered Chosen Option: --

Q.74 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.

PROFESS: ORPSSEF:: CONTAIN: NOCNIAT:: ROUTINE:?

Ans X 1. UROEINT

X 2. TORENIU

X 3. UORNETI

4. UORENIT

Question ID: **7518975272**

Option 1 ID: 75189721087

Option 2 ID: 75189721085

Option 3 ID: 75189721088

Option 4 ID: 75189721086

Status: Answered





Q.75 In the reaction $MnO_2 + 4HCl \rightarrow MnCl_2 + 2H_2O + Cl_2$:

✓ 1. MnO₂ is reduced to MnCl₂

★ 2. MnCl₂ is reduced to MnO₂

★ 3. MnO₂ is oxidized to MnCl₂

× 4. Mn does not undergo redox reaction

Question ID: 7518973615 Option 1 ID: 75189714458 Option 2 ID: 75189714459 Option 3 ID: 75189714457 Option 4 ID: 75189714460 Status: Not Answered

Chosen Option : --

In India, Petrol price was liberalized and deregulated in June:

√ 1. 2010

× 2. 2008

X 3. 2017

× 4. 2014

Question ID: 7518978540 Option 1 ID: 75189734159 Option 2 ID: 75189734158 Option 3 ID: 75189734157 Option 4 ID: 75189734160 Status: Answered

Chosen Option: 1

Q.77 If the mean of the following data is 22, then what is the value of x?

Class	0-10	10-20	20-30	30-40	40-50
Frequency	12	16	6	7	x

Ans 🗙 1. 6

X 2. 19

X 3. 13

√ 4. 9

Question ID: 7518978417

Option 1 ID: 75189733665 Option 2 ID: 75189733668

Option 3 ID: 75189733667 Option 4 ID: 75189733666

Status: Not Answered





Q.78 By selling an article for ₹19.50, a man makes a profit of 30%. By how much should the sales price be increased to make a profit of 40%?

Ans

√ 1. ₹1.50

× 2. ₹2.00

X 3. ₹4

× 4. ₹1.90

Question ID: 7518975624
Option 1 ID: 75189722495
Option 2 ID: 75189722493
Option 3 ID: 75189722496
Option 4 ID: 75189722494

Status : Answered

Chosen Option: 1

Q.79 If ₹12,500 amounts to ₹15,680 in 2 years at x% compound interest per annum, compounded annually, then the value of

x is:

Ans × 1. 15

X 2. 11

X 3. 20

√ 4. 12

Question ID: 7518976276

Option 1 ID : **75189725103** Option 2 ID : **75189725101** Option 3 ID : **75189725104**

Option 4 ID : **75189725102** Status : **Answered**

Chosen Option: 3

Q.80 Which of following molecules govern the inheritance of a trait by the offspring?

Ans

× 1 Proteins

✓ 2. Paternal and maternal DNA

X 3. Only paternal DNA

X 4. Only maternal DNA

Question ID: 7518977846

Option 1 ID: 75189731383

Option 2 ID: **75189731382**

Option 3 ID: **75189731381**

Option 4 ID: **75189731384**

Status: Not Answered

Chosen Option : --



The mean of the first 7 odd prime numbers is:

Ans × 1. 5.41

× 2. 7.91

× 3. 8.61

4. 10.71

Question ID: 7518975664

Option 1 ID: 75189722655

Option 2 ID: 75189722654 Option 3 ID: 75189722653

Option 4 ID: **75189722656** Status: Answered

Chosen Option: 3

Q.82 Which of the following is NOT an alkali?

Ans X 1. LiOH

√ 2. Cu(OH)₂

✗ 3. NH₄OH

★ 4. Ba(OH)₂

Question ID: 7518973459

Option 1 ID: 75189713836

Option 2 ID: 75189713835 Option 3 ID: 75189713833

Option 4 ID: **75189713834**

Status: Not Answered

Chosen Option: --

Q.83 A shopkeeper professes to sell his goods at a 10% loss but uses a false balance and gains 15%. The actual weight

(correct to one decimal place) he uses for 1 kg is:

Ans

× 1. 784.4 gm

× 2. 785.6 gm

× 4. 788.4 gm

Question ID: 7518978382

Option 1 ID: 75189733526

Option 2 ID: 75189733527

Option 3 ID: **75189733525**

Option 4 ID: 75189733528

Status: Not Answered



Q.84 Refer to the following letter, number, symbol series and answer the question.

(Left) N 3 F P # 1 C B 5 \$ L Q 6 & N 8 D @ K 9 R (Right)

How many such symbols are there which are immediately preceded by a letter and also immediately followed by a number?

Ans X 1. 2

X 2. 3

3. 1

X 4. 4

Question ID: 7518979170

Option 1 ID: 75189736678

Option 2 ID: 75189736679

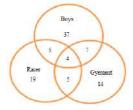
Option 3 ID: 75189736677

Option 4 ID: 75189736680 Status: Answered

Chosen Option: 3

Q.85 Study the given diagram carefully and answer the questions. The numbers in different sections indicate the number of

In the following Venn diagram, the how many boys are there who are racers and gymnasts?



Ans 🧼 1. 4

X 2. 5

X 3. 14

X 4. 7



Question ID: 7518978964

Option 1 ID: 75189735854

Option 2 ID: 75189735853

Option 3 ID: 75189735856

Option 4 ID: 75189735855 Status: Answered

Chosen Option: 1

Q.86 The sum of the present ages of a father and his son is 6 years more than 3 times the present age of the son. After 2 years, 2 times the father's age will be 7 years less than 5 times the son's age. The difference (in years) between the ages of the father and the son is:

Ans X 1. 17

X 2. 20

√ 3. 19

X 4. 23

Question ID: 7518978442

Option 1 ID: 75189733765

Option 2 ID: 75189733767

Option 3 ID: 75189733766

Option 4 ID: 75189733768

Status: Not Answered



Q.87 A ray of light is incident on a concave mirror at point M. The ray makes an angle of 10° with a line joining M to the centre of curvature. The ray is reflected at an angle of

X 2. 40°

X 3. 30°

X 4. 20°

Question ID: 7518976566 Option 1 ID: 75189726261 Option 2 ID: 75189726264 Option 3 ID: 75189726263 Option 4 ID: 75189726262

Status: Not Answered

Chosen Option: --

Q.88 In a certain code language, '856 458 1265' means 'you are good', 568 235 1265 1452 means 'good boy bad habit', and '25475 458 568' means 'evils are bad'. In that language, which code stands for 'are'?



Question ID: 7518979011 Option 1 ID: 75189736041 Option 2 ID: 75189736042 Option 3 ID: 75189736044 Option 4 ID: 75189736043

Status: Answered Chosen Option: 2

Q.89 Which two signs should be interchanged to make the following equation correct?

$$13 + 6 \div 12 - 4 \times 5 = 4$$

Ans
$$\times$$
 1. – and \times

$$\times$$
 4. \times and +

Question ID: 7518978083

Option 1 ID: 75189732330

Option 2 ID: 75189732331

Option 3 ID: 75189732329

Option 4 ID: 75189732332 Status: Answered





Q.90 Amongst six friends P, Q, R, S, T and U, each has a different height. R is taller than only three other friends. T is taller than only one friend. Q is taller than T but shorter than U. U is shorter than P. Who is the second tallest among all the friends?

Ans

√ 1. U

X 2. R

X 3. P

※ 4. **Q**

Question ID: 7518979121

Option 1 ID: 75189736483

Option 2 ID: 75189736481

Option 3 ID: 75189736484 Option 4 ID: 75189736482

Status: Answered

Chosen Option: 3

Q.91 is a type of crescent-shaped sand dune formed in desert regions where the wind direction is very

constant.

Ans X 1. Blowhole

× 2. Bluff

X 3. Bergschrund

4. Barchan

Question ID: 7518977248

Option 1 ID: 75189728989 Option 2 ID: **75189728992**

Option 3 ID: 75189728991

Option 4 ID: 75189728990

Status: Not Answered

Chosen Option: --

Q.92 Which of the following is NOT a metal?

Ans X 1. Ga

√ 2. Si

X 3. Pb

X 4. Sc

Question ID: 7518973494

Option 1 ID: 75189713973

Option 2 ID: 75189713975

Option 3 ID: 75189713976

Option 4 ID: 75189713974

Status: Not Answered

Chosen Option : --



Q.93 Who was the Viceroy of British India when the Rowlatt Act was passed?

Ans X 1 Lord Reading

✓ 2. Lord Chelmsford

X 3. Lord Canning

X 4. Lord Curzon

Question ID: 7518977459 Option 1 ID: 75189729835 Option 2 ID: **75189729833**

Option 3 ID: 75189729836 Option 4 ID: 75189729834

Status: Not Answered Chosen Option: --

If 3.2: x :: x : 16.2, and x > 0, then find the value of x.

Ans × 1. 6.3

× 2. 9.7

3. 7.2

X 4. 5.4

Question ID: 7518978366

Option 1 ID: **75189733462** Option 2 ID: **75189733464**

Option 3 ID: 75189733463 Option 4 ID: 75189733461

Status: Answered

Chosen Option: 3

Q.95 Under the 'Talent Search and Development' component of 'Khelo India' programme to carry out talent identification, the country has been divided into how many zones as of July 2022?

Ans X 1. Three

× 2. Four

X 4. Seven

Question ID: 7518976505

Option 1 ID: 75189726017

Option 2 ID: 75189726018

Option 3 ID: 75189726019

Option 4 ID: **75189726020**

Status: Not Answered





Q.96 Which of the following is a classical language among the 22 languages in the 8th Schedule of the Indian Constitution?

Ans 🦙

X 1. Santhali

✓ 2. Sanskrit

X 3. Konkani

× 4. Bengali

Question ID: 7518974006

Option 1 ID: 75189716023

Option 2 ID: **75189716022**

Option 3 ID : **75189716021** Option 4 ID : **75189716024**

Status : Answered

Chosen Option: 4

Q.97 Suman's present age is twice that of Venkat's. Venkat's age, after 12 years, will be 21 years. Find Suman's present age.

Ans

× 2. 20 years

× 3. 16 years

× 4. 22 years

Question ID : 7518975934

Option 1 ID: **75189723733**

Option 2 ID: **75189723734** Option 3 ID: **75189723736**

Option 4 ID : **75189723735**

Status : Answered

Chosen Option: 1

Q.98 The sayings or day-to-day teachings of Prophet Muhammad after his death were compiled by his followers and called

Ans

✓ 1. Hadith

× 2. Quran

× 3. Sharia

X 4. Sunnah

Question ID : **7518978865**

Option 1 ID: 75189735458

Option 2 ID: 75189735457

Option 3 ID: **75189735460**

Option 4 ID: 75189735459

Status : Answered



Q.99 The annual income of Ram is ₹5,62,400. He spent 20% of this income on house rent, 15% of the remaining income on food, and 30% of the income still remaining with him on children's education. If the amount still remaining was his savings, which of the following amounts is closest to his actual savings?

Ans

× 1. ₹2,67,037

× 2. ₹2,76,703

√ 3. ₹2,67,703

×4. ₹2,67,730

Question ID: 7518975833 Option 1 ID: 75189723331 Option 2 ID: 75189723330 Option 3 ID: 75189723332 Option 4 ID: 75189723329

Status: Answered

Chosen Option: 2

Q.100 How many teams were scheduled to be a part of the 15th edition of the Indian Premier League (Cricket), 2022?

Ans 🛹 1. 10

X 2. 17

X 3. 15

X 4. 12

Question ID: 7518977437 Option 1 ID: 75189729745 Option 2 ID: 75189729748 Option 3 ID: 75189729747 Option 4 ID: 75189729746

Status: Answered

Chosen Option : 1

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