





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 Mathura Road
Test Date	16/09/2022
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 sum of the squares of two consecutive odd natural numbers is 74. The sum of the numbers is:

Ans

√ 1. 12

X 2. 18

X 3. 24

X 4. 28

Question ID: 7518978746
Option 1 ID: 75189734984
Option 2 ID: 75189734981
Option 3 ID: 75189734982
Option 4 ID: 75189734983

Status : Answered

Chosen Option: 1

Q.2 Which programme was launched by the Union Government as a flagship programme to fulfil the main objectives of effective abatement of pollution, conservation and rejuvenation of River Ganga?

Ans

★ 1 Water for All

✓ 2. Namami Gange Programme

X 3. Clean the Ganga Programme

Ganga Action Plan

Question ID : **7518974683**

Option 1 ID : **75189718732** Option 2 ID : **75189718730**

Option 3 ID : **75189718731** Option 4 ID : **75189718729**

Status: Answered

Test Prime

ALL EXAMS, ONE SUBSCRIPTION



40,000+ Mock Tests



500+ Exam Covered



Personalised Report Card



Previous Year Papers



Unlimited Re-Attempt



500% Refund

















DOWNLOAD NOW





Q.3 Washing soda is:

Ans X 1. a base

X 2. an acidic salt

X 3. a neutral salt

√ 4. a basic salt

Question ID: 7518979659 Option 1 ID: 75189738636 Option 2 ID: 75189738633 Option 3 ID: 75189738635 Option 4 ID: 75189738634 Status: Answered

Chosen Option: 4

When a round, green seeded plant is crossed with a wrinkled, yellow seeded pea plant the F1 generation results in:

× 1 wrinkled and green seeds

× 3 wrinkled and yellow seeds

× 4 round and yellow seeds

Question ID: 75189710241 Option 1 ID: 75189740964 Option 2 ID: 75189740962 Option 3 ID: 75189740963 Option 4 ID: 75189740961 Status: Not Answered

Chosen Option: --

Q.5 Each of seven colleagues, A, B, C, D, E, F and G, travelled to USA for sales presentation in the months of April, May, June, July, August, September and October, in the year 2019, but not necessarily in the same order. Each colleague travelled in a different month. Exactly four people travelled after D's trip. C travelled between the trips of E and F. G travelled in the month immediately before A's trip. Exactly two people travelled after C's trip. E travelled in the month immediately before B, who travelled in the month of October. Who travelled in the month of July?

Ans

X 1. D

X 2. A

X 3. C

√ 4. F

Question ID: 75189710762 Option 1 ID: 75189743047 Option 2 ID: 75189743045 Option 3 ID: 75189743048

Option 4 ID: 75189743046

Not Attempted and Status: Marked For Review

Q.6 The process of fermentation takes place in:

Ans X 1. Paramecium

× 2. Euglena

X 4. Amoeba

Question ID: 75189710156
Option 1 ID: 75189740623
Option 2 ID: 75189740622
Option 3 ID: 75189740624
Option 4 ID: 75189740621
Status: Answered

Chosen Option: 3

Q.7 If the radius of a sphere is halved, then the new volume will become ______ the original volume.

Ans

$$\checkmark$$
 1. $\frac{1}{8}$ times

$$\times$$
 2. $\frac{1}{4}$ times

Question ID: 7518979323
Option 1 ID: 75189737292
Option 2 ID: 75189737289
Option 3 ID: 75189737291
Option 4 ID: 75189737290
Status: Answered

Chosen Option: 1

Q.8 Which state in India will you find the The Cathedral of Mary Help of Christians?

Ans 🗙

✓ 2. Meghalaya

X 3. Karnataka

★ 4. West Bengal

Question ID: 7518979393
Option 1 ID: 75189737571
Option 2 ID: 75189737569
Option 3 ID: 75189737570
Option 4 ID: 75189737572
Status: Not Answered

Otatao : NOT Allo





Q.9 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.

ALMOST: MLATSO:: BEGINS: GEBSNI:: CHIMPS: ?

Ans

★ 1 IHCPMS

X 2. IHCPSM

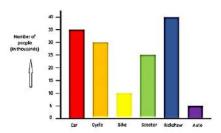
X 3. IHCSMP

Question ID: **7518978029**Option 1 ID: **75189732113**Option 2 ID: **75189732116**Option 3 ID: **75189732114**

Option 3 ID : **75189732114**Option 4 ID : **75189732115**Status : **Answered**

Chosen Option: 4

Q.10 The number of people having six different types of vehicles in a city are shown in the following graph. Study the graph and answer the question.



What is the percentage increase in the people having a car as compared to the people having a scooter?

Ans

1. 40%

× 2. 10%

X 3. 35%

×4. 25%

Adda 247

Question ID: 75189711248
Option 1 ID: 75189744992
Option 2 ID: 75189744989
Option 3 ID: 75189744990
Option 4 ID: 75189744991

Status: Answered



- Q.11 Who among the following clocked 2:40:16 to pocket the men's 35 km race walk national record at the Indian Open Race Walking Competition 2022?
- Ans
- X 1. Chandan Singh
- X 2. Akshdeep Singh
- X 3. Ram Baboo

Question ID: 7518976509
Option 1 ID: 75189726035
Option 2 ID: 75189726036
Option 3 ID: 75189726033
Option 4 ID: 75189726034
Status: Not Answered

Chosen Option: --

Q.12 If the area of a triangle whose base measures 3 cm is 4 cm², then its corresponding height is:

Ans

$$\times$$
 1. $4\frac{1}{3}$ cm

$$\times$$
 2. $3\frac{2}{3}$ cm

$$\sqrt{3}$$
 3. $2\frac{2}{3}$ cm

$$\times$$
 4. $1\frac{2}{3}$ cm

Question ID: 7518979319
Option 1 ID: 75189737276
Option 2 ID: 75189737273
Option 3 ID: 75189737273
Option 4 ID: 75189737274
Status: Answered
Chosen Option: 3

- Q.13 Which of the following compounds of a homologous series has the lowest boiling point?
- Ans

Question ID: 75189710325
Option 1 ID: 75189741299
Option 2 ID: 75189741300
Option 3 ID: 75189741297
Option 4 ID: 75189741298
Status: Not Answered

Chosen Option : --





Q.14 As of July 2022, which state government among the following implemented the Kalyana Lakshmi and Shaadi Mubarak

Ans

- ✓ 1. Telangana
- × 2. Gujarat
- X 3. Madhya Pradesh
- X 4. West Bengal

Question ID: 7518976531
Option 1 ID: 75189726122
Option 2 ID: 75189726123
Option 3 ID: 75189726124
Option 4 ID: 75189726121
Status: Not Answered

Chosen Option : --

Q.15 In a code language, 'now you can come' is written as 'wp ae nz rf', 'you are kind' is written as 'ae dz tq', 'kind is virtue' is written as 'tq sf bc'. What is the code for 'kind, you' in that code language?

Ans

- × 1. nz, ae
- × 2. tq, dz
- × 3. nz, tq

Question ID: 75189710874
Option 1 ID: 75189743494
Option 2 ID: 75189743495
Option 3 ID: 75189743493
Option 4 ID: 75189743496
Status: Answered

Chosen Option: 4

Q.16 A Large Area Soft X-ray Spectrometer (CLASS), a payload on-board ______Orbiter, detected a solar proton event which significantly increases the radiation exposure to humans in space, on January 2022.

Ans

- ★ 1 Chandrayaan-1
- √ 2. Chandrayaan-2
- X 3. Chandrayaan-4 a
- X 4 Chandrayaan-3

Question ID : **75189710407** Option 1 ID : **75189741625**

Option 2 ID : **75189741626**Option 3 ID : **75189741628**Option 4 ID : **75189741627**

Status : Answered





Q.17 A person who spends 36 $\frac{2}{3}$ % of his monthly income is able to save ₹5,700 per month. His monthly expenses are:

Ans × 1. ₹6,300

√ 2. ₹3,300

× 3. ₹4,300

× 4. ₹5,300

Question ID: 7518978662
Option 1 ID: 75189734645
Option 2 ID: 75189734648
Option 3 ID: 75189734647
Option 4 ID: 75189734646

Status : Answered

Chosen Option: 2

Q.18 In plaster of Paris:

Ans

★ 1. two formula units of CaSO₄ share two molecule of water

× 2. one formula unit of CaSO₄ has one molecule of water

★ 3. two formula units of CaSO₄ share half molecule of water

Question ID: 75189710371 Option 1 ID: 75189741483 Option 2 ID: 75189741482 Option 3 ID: 75189741481

Option 4 ID : 75189741484
Status : Not Answered

Chosen Option: --

Q.19 Which of the following chemical compounds is used in the manufacture of cement?

Ans

★ 1. Al₂O₃

√ 2. CaO

X 3. CuO

★ 4. Mg(OH)₂

Question ID: 75189710338

Option 1 ID : **75189741349** Option 2 ID : **75189741351** Option 3 ID : **75189741352**

Option 4 ID : **75189741350** Status : **Answered**





Q.20 Six people, A, B, C, D, E and F, travelled in different years 2010, 2012, 2014, 2016, 2018 and 2020 (but not necessarily in the same order). C travelled in 2018. Only three people travelled between D and A. A travelled after D. Only one person travelled between F and E. F travelled before E. Who travelled in 2014?

Ans

X 1. B

X 2. F

√ 3. E

X 4. D

Question ID: 75189710984 Option 1 ID: 75189743933 Option 2 ID: 75189743934 Option 3 ID: 75189743935 Option 4 ID: 75189743936 Status: Not Answered

Chosen Option: --

Q.21 If the position of the first and second letters in the word MOTHERLAND were interchanged, also the third and the fourth letters were interchanged, the fifth and sixth letters were interchanged and so on, which of the following would be the sixth letter from the right?

Ans 🗙 1. T

√ 2. R

X 3. **E**

X 4. H

Question ID: 75189710838 Option 1 ID: 75189743350 Option 2 ID: 75189743349 Option 3 ID: 75189743351 Option 4 ID: 75189743352

Status: Answered

Chosen Option: 2

Q.22 Each of the digits in the number 4275913 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

Ans

✓ 1. One

× 2. Three

× 3. Four

X 4. Two

Question ID: 75189710945 Option 1 ID: 75189743777 Option 2 ID: 75189743779 Option 3 ID: 75189743780 Option 4 ID: 75189743778

Status: Answered

Q.23 _____ is the price where the quantity the consumer purchases is equal to the quantity the producers supply.

Ans X 1. Surplus price

✓ 2. Equilibrium price

× 3. Total price

× 4. Product price

Question ID: 7518978873
Option 1 ID: 75189735489
Option 2 ID: 75189735490
Option 3 ID: 75189735491
Option 4 ID: 75189735492

Status : Answered

Chosen Option : 2

Q.24 If a square has a side of (5x-8) cm, then the area of the square (in cm²) is:

Ans \times 1. $25x^2 + 80x + 64$

 \times 2. $25x^2 + 80x - 64$

 \times 3. 25 x^2 - 80x - 64

 \checkmark 4. $25x^2 - 80x + 64$

Question ID: 7518978727 Option 1 ID: 75189734908 Option 2 ID: 75189734907 Option 3 ID: 75189734905 Option 4 ID: 75189734906

Status : Answered

Chosen Option: 4

Q.25 As on July 2022, how many Fundamental Duties are there in the Indian Constitution?

Ans

Question ID : 7518974288

Option 1 ID : **75189717149** Option 2 ID : **75189717151**

Option 3 ID: **75189717150** Option 4 ID: **75189717152**

Status: Answered



Q.26 Which of the following solutions may scatter light?

Ans X 1 Acidic solution

✓ 2. Colloidal solution

× 3. Basic solution

★ 4. Electrolyte solution

Question ID: 75189711305 Option 1 ID: 75189745218 Option 2 ID: 75189745219 Option 3 ID: 75189745220 Option 4 ID: 75189745217

Status : Answered

Chosen Option: 2

Q.27 Which of the following compounds was used for the preparation of urea by Friedrich Wohler?

X 1 Ammonia

× 2. Methane nitrile

X 3. Carbon monoxide

4 Ammonium cyanate

Question ID: 75189710310 Option 1 ID: 75189741239 Option 2 ID: 75189741238 Option 3 ID: 75189741237 Option 4 ID: 75189741240

Status: Answered

Chosen Option: 1

Q.28 are used in vermicomposting.

Ans

✓ 1. Earthworms

× 2. Roundworms

X 3. Flatworms

× 4. Tapeworms

Question ID: 7518974473

Option 1 ID: 75189717891 Option 2 ID: 75189717892

Option 3 ID: 75189717890

Option 4 ID: 75189717889

Status: Answered

 $^{Q.29}$ द्विघात समीकरण $x^2+x-2=0$ के मूल ज्ञात कीजिए।

Ans 1 (-1, 2)

× 2. (-1, -2)

⊘ 3. **(1, −2)**

× 4. (1, 2)

Question ID: 75189710008
Option 1 ID: 75189740030
Option 2 ID: 75189740032
Option 3 ID: 75189740031
Option 4 ID: 75189740029
Status: Answered

Chosen Option: 3

Convert $\frac{23}{11}$ to its recurring decimal form.

Ans × 1. 2.32

√ 2. 2. 09

× 3. 2. 23

× 4. 2.18

Question ID: 75189711392
Option 1 ID: 75189745568
Option 2 ID: 75189745565
Option 3 ID: 75189745567
Option 4 ID: 75189745566
Status: Answered

Chosen Option: 2

Q.31 of the Constitution of India deals with Panchayats.

Ans X 1. Part VIII

✓ 2. Part IX

× 3. Part XI

X 4. Part X

Question ID: 7518978604
Option 1 ID: 75189734415
Option 2 ID: 75189734413
Option 3 ID: 75189734416
Option 4 ID: 75189734414
Status: Answered

Q.32 What is the value of money multiplier if the CRR (Cash Reserve Ratio) is 15%?

X 1. 15

× 2. 1500

√ 3. **6.67**

× 4. 85

Question ID: 7518977230 Option 1 ID: 75189728918 Option 2 ID: 75189728920 Option 3 ID: 75189728917 Option 4 ID: 75189728919

Status: Not Answered

Chosen Option: --

Q.33 Which of the following is the standard representation of quadratic equation

$$(x^2+1)(x-1) = (x^2-3)(x+3)$$
?

Ans
$$\times$$
 1. $x^2 - 3x - 4 = 0$

$$\times$$
 2. $4x^2 - x - 6 = 0$

$$\times$$
 3. $4x^2 - 8 = 0$

$$4x^2 - 4x - 8 = 0$$

Question ID: 7518979302

Option 1 ID: 75189737207 Option 2 ID: 75189737205 Option 3 ID: 75189737206

Option 4 ID: 75189737208

Status : Answered

Q.34 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 cats are rats.

All rats are dogs.

All dogs are monkeys.

Conclusions:

(I) Some monkeys are cats.

(II) All monkeys are rats.

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

Question ID: 75189711000 Option 1 ID: 75189744000 Option 2 ID: 75189743997 Option 3 ID: 75189743998

Option 4 ID: 75189743999 Status: Answered

Chosen Option: 2

If
$$\left(\frac{25}{9}\right)^{x+1} \left(\frac{81}{625}\right)^{x-1} = \frac{9}{25}$$
, then find the value of x .

- Ans × 1. 8
 - X 2. 6
 - **X** 3. 5
 - √ 4. 4

Question ID: 75189711186

Option 1 ID: 75189744744 Option 2 ID: 75189744743

Option 3 ID: 75189744741

Option 4 ID: 75189744742

Status: Answered

Q.36

 $\frac{\cos 45^{\circ}}{\sec 30^{\circ} + \csc 30^{\circ}}$ का मान ज्ञात कीजिए।

Ans

$$\chi$$
 1. $\frac{\sqrt{3}}{\sqrt{2}(1+\sqrt{3})}$

$$\times$$
 2. $\frac{\sqrt{2}}{2\sqrt{2}(1+\sqrt{3})}$

$$\checkmark$$
 3. $\frac{\sqrt{3}}{2\sqrt{2}(1+\sqrt{3})}$

$$\times$$
 4. $\frac{\sqrt{3}}{2\sqrt{3}(1+\sqrt{2})}$

Question ID: 75189710046

Option 1 ID: 75189740183 Option 2 ID: 75189740182 Option 3 ID: 75189740184 Option 4 ID: 75189740181

Status: Answered

Chosen Option: 3

How many pairs of sex chromosomes are present in humans?

× 1. 4 pairs

√ 2. 1 pair

× 3. 3 pairs

× 4. 2 pairs

Question ID: 7518977848 Option 1 ID: 75189731390 Option 2 ID: 75189731391 Option 3 ID: 75189731392 Option 4 ID: 75189731389 Status: Answered Chosen Option: 2

Q.38 Which of the following is always true?

- a) The bisectors of angles of a parallelogram form a rectangle.
- b) A parallelogram is a trapezium.
- c) Diagonals of a rhombus are equal and bisect each other at right angles.

Ans

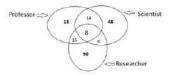
- ✓ 1. Only (a) and (b)
- × 2. Only (b)
- X 3. Only (a)
- × 4. All of (a), (b), (c)

Question ID: 75189711219 Option 1 ID: 75189744875 Option 2 ID: 75189744874 Option 3 ID: 75189744873 Option 4 ID: 75189744876

Status: Answered

Chosen Option: 4

Q.39 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many people are Researchers and Scientists but Not Professors?

Ans X 1. 15

2. **6**

X 3. 14

X 4. 23

Question ID: 75189710787 Option 1 ID: 75189743145 Option 2 ID: 75189743148 Option 3 ID: 75189743146 Option 4 ID: 75189743147

Status: Answered



Q.40 Consider two circuits, A and B, each of which has 12 resistors each of resistance R_A and R_B, respectively. In each circuit the resistors are in such a way that the net resistance of each circuit is the minimum. Now a 30 V battery with negligible internal resistance is connected across each circuit separately, and the current drawn by circuit A and circuit B are 10 A and 18 A, respectively. Then R_A and R_B will be:

Ans

$$\times$$
 1. $R_A = 26 \Omega$ and $R_B = 20 \Omega$

$$\times$$
 2. $R_A = 26 \Omega$ and $R_B = 25 \Omega$

$$\checkmark$$
 3. $R_A = 36 \Omega$ and $R_B = 20 \Omega$

$$\times$$
 4. $R_A = 36 \Omega$ and $R_B = 15 \Omega$

Question ID : 75189711339
Option 1 ID : 75189745353
Option 2 ID : 75189745354
Option 3 ID : 75189745356
Option 4 ID : 75189745355

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.41 Goa Liberation Day is celebrated on which of the following dates?

Ans

Question ID : 75189710545 Option 1 ID : 75189742180 Option 2 ID : 75189742177 Option 3 ID : 75189742179 Option 4 ID : 75189742178 Status : Answered

Chosen Option: 2

Q.42 The oldest mountain range in India is . .

Ans

Nallamala Range

✓ 2. Aravali Range

✗ 3 Dhauladhar Range

X 4. Zanskar Range

Question ID : **7518977536** Option 1 ID : **75189730143**

Option 2 ID : **75189730142** Option 3 ID : **75189730141**

Option 4 ID : **75189730144**Status : **Answered**





Q.43 Six persons A, B, C, D, E and F are sitting in straight row facing west. D is sitting at the end of the row. B is sitting third to the left of D. A is sitting to the immediate right of B. A is an immediate neighbour of B and C. E is sitting at the first position in the row. F is sitting between A and E. Who is an immediate neighbour of A and F?

Ans

X 1. E

X 2. D

X 3. C

√ 4. B

Question ID: 75189711226
Option 1 ID: 75189744903
Option 2 ID: 75189744902
Option 3 ID: 75189744904
Option 4 ID: 75189744901
Status: Not Answered

Chosen Option: --

Q.44 The phenomena that links current induced in a coil and change in magnetic flux is known as:

Ans

1 electromagnetic wave propagation

✓ 2. electromagnetic induction

✗³ electromagnetic wave

★ 4. electromagnetic radiation

Question ID: 75189711370
Option 1 ID: 75189745480
Option 2 ID: 75189745479
Option 3 ID: 75189745478
Option 4 ID: 75189745477
Status: Not Answered

Chosen Option: --

Q.45 What is explicit cost?

Ans X 1

It is the opportunity cost equal to what a firm must give up in order to use a factor of production.

√/ 2

It is a direct payment made to others in the course of running a business, such as wage, rent and materials.

X 3

It represents the loss of profit but does not represent a loss of income.

X 4.

It is the only cost necessary to calculate a profit, as it clearly affects a company's profits.

Question ID : 7518978891 Option 1 ID : 75189735562 Option 2 ID : 75189735561 Option 3 ID : 75189735563 Option 4 ID : 75189735564

Status: Not Answered





Q.46 A sum of money was invested at a certain rate of simple interest per annum for a period of 4 years. Had the rate of simple interest per annum been 2% more, the sum invested would have earned a total of ₹640 more as interest in these 4 years. What was the sum (in ₹) invested?

Ans

× 1. 7,500

× 2. 9,000

3. 8,000

× 4. 9,500

Question ID: 75189711192
Option 1 ID: 75189744765
Option 2 ID: 75189744767
Option 3 ID: 75189744766
Option 4 ID: 75189744768
Status: Answered

Chosen Option: 3

Q.47 On 27 July 2022, the Union Cabinet cleared a ₹1.64 lakh crore package for the revival of which of the following organisations?

Ans

✓ 1. Bharat Sanchar Nigam Limited (BSNL)

X 2. Container Corporation of India Limited (CONCOR)

X 3. Air India

X 4. Oil and Natural Gas Corporation Limited

Question ID: 75189711103
Option 1 ID: 75189744412
Option 2 ID: 75189744411
Option 3 ID: 75189744409
Option 4 ID: 75189744410
Status: Not Answered

Chosen Option: --

Q.48 The sum of the digits of a two-digit number is 15. The number obtained by interchanging the digits exceeds the given number by 9. The number is:

Ans

X 1. 57

√ 2. 78

X 3. 98

X 4. 27

Question ID: 7518979290
Option 1 ID: 75189737158
Option 2 ID: 75189737157
Option 3 ID: 75189737159
Option 4 ID: 75189737160

Status : Answered





Q.49 Which of the following is an insectivorous plant?

Ans X 1. Mushroom

× 2. Cuscuta

✓ 3. Pitcher

× 4 Lichens

Question ID: 75189710152 Option 1 ID: 75189740606 Option 2 ID: 75189740605 Option 3 ID: 75189740607

Option 4 ID: 75189740608 Status: Answered

Chosen Option: 3

Q.50 Chitra starts driving from the resort and drives 15 km towards west and then turns left and drives 115km. Then she turns right and drives 25 km. After that, she again turns right and drives 90 km. She finally turns right and drives 40 km to reach her home. How far is resort from her home?

Ans X 1. 35 km

× 2. 30 km

√ 3. 25 km

× 4. 50 km

Question ID: 75189710897 Option 1 ID: 75189743587 Option 2 ID: 75189743586 Option 3 ID: 75189743585

Option 4 ID: 75189743588 Status: Answered

Chosen Option: 3

Q.51 The highest common factor of a set of coprime numbers is equal to:

Ans

× 1. the highest among them

√ 2. 1

X 3. 2

× 4. the lowest among them

Question ID: 7518979913

Option 1 ID: 75189739652 Option 2 ID: 75189739649 Option 3 ID: 75189739650

Option 4 ID: 75189739651 Status: Answered





Q.52 What is the main limitation of Mendeleev's periodic table?

Ans

1.

No fixed position can be given to hydrogen in the Periodic Table.

X 2

Mendeleev's Periodic Table contains vertical columns called groups and horizontal rows called periods.

X 3

Nobel gases could be placed in a new group without disturbing the existing order.

X 4.

Mendeleev selected hydrogen and oxygen as they are very reactive and formed compounds with most elements.

Question ID: 75189710389
Option 1 ID: 75189741554
Option 2 ID: 75189741555
Option 3 ID: 75189741553
Option 4 ID: 75189741556
Status: Answered

Chosen Option: 1

Q.53 On which model was the Second Five-Year Plan made?

Ans

Investment Model of Planning Commission

✓ 2. PC Mahalanobis Model

★ 3. Harrod-Domar model

× 4. Manmohan Plan

Question ID: 7518978895
Option 1 ID: 75189735578
Option 2 ID: 75189735580
Option 3 ID: 75189735577
Option 4 ID: 75189735579
Status: Answered

Chosen Option: 2

Q.54 What happens when CO₂ gas is passed through the lime water?

Ans

✓ 1 The solution turns milky.

× 2. Green colour appears.

X 3. There is no change.

× 4. A black precipitate is formed.

Question ID: 7518979624

Option 1 ID: 75189738494

Option 2 ID: 75189738496

Option 3 ID: 75189738493

Option 4 ID: 75189738495

Status: Answered





Q.55 was the first Indian man to win gold at Commonwealth Games 2022 held at Birmingham.

Ans 🔀 1 Mohit Grewal

✓ 2. Jeremy Lalrinnunga

X 3. Murali Sreeshankar

X 4 Tejaswin Shankar

Question ID: 7518977141
Option 1 ID: 75189728564
Option 2 ID: 75189728563
Option 3 ID: 75189728562
Option 4 ID: 75189728561

Status : Answered

Chosen Option: 2

Q.56 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

GLE11, KPI13, OTM17, SXQ19, ?

Ans X 1. UWB27

× 2. WBU27

X 4. UWB23

Option 1 ID : **75189736552** Option 2 ID : **75189736549** Option 3 ID : **75189736551**

Question ID: 7518979138

Option 4 ID : **75189736550** Status : **Answered**

Chosen Option: 3

Q.57 Refer to the following letter series and answer the question.

ACPDIUVKJQEVF

How many vowels are immediately preceded by consonants?

Ans 🥒 1. 2

X 2. 1

X 3. 3

X 4. 4

Question ID : **7518979750**

Option 1 ID: **75189738999**Option 2 ID: **75189739000**Option 3 ID: **75189738998**

Option 4 ID : **75189738997** Status : **Answered**

seen Ontion : 1



Q.58 As per Census 2011, which language replaced Telugu as the third most spoken language in India?

× 1. Bengali

× 2. Tamil

X 3. Gujarati

4. Marathi

Question ID: 75189710443 Option 1 ID: 75189741769 Option 2 ID: 75189741771 Option 3 ID: **75189741772** Option 4 ID: 75189741770 Status : Answered

Chosen Option: 1

Q.59 Which of the following numbers will replace the question mark (?) in the given series?

42, 52, 63, 75, 88, ?,117

Ans 🗙 1. 100

✓ 2. 102

X 3. 101

X 4. 103

Question ID: 75189710912 Option 1 ID: 75189743648 Option 2 ID: 75189743646 Option 3 ID: 75189743645 Option 4 ID: 75189743647 Status: Answered

Chosen Option: 2

Q.60 Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

 $27.92 \times 4 + 3.96 \times 5 - 18 \div 2 + 1 = 2$

Ans

X 1. 115

X 2. 100

3. 124

X 4. 140

Question ID: 7518977745 Option 1 ID: 75189730978 Option 2 ID: 75189730977 Option 3 ID: 75189730979 Option 4 ID: 75189730980

Status: Answered





Q.61 The distance between two points on a map is 5 cm. The scale of the map is 1: 400000. The actual distance between the two points (in km) is:

Ans

× 1 200

√ 2. **20**

X 3. 2000

× 4. 20000

Question ID: 7518979934
Option 1 ID: 75189739734
Option 2 ID: 75189739733
Option 3 ID: 75189739735
Option 4 ID: 75189739736
Status: Answered

Chosen Option : 2

Q.62 Most ordinary gases do not show dispersion with visible light. This is because the velocities of propagation of waves of different wavelengths of visible light are ______.

(Velocity of light in vacuum is c)

Ans

very much different

×

1. very much differe

× 2. always much less than c

3. always much greater than c

Question ID : 75189711303 Option 1 ID : 75189745209 Option 2 ID : 75189745212 Option 3 ID : 75189745211 Option 4 ID : 75189745210

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.63 A reflected ray will follow the same path but in reverse direction when it passes through pole and

Ans

X 1. surface of mirror

× 2. focal plane

× 4 is parallel to the focal plane

Question ID: 7518979476
Option 1 ID: 75189737902
Option 2 ID: 75189737901
Option 3 ID: 75189737904
Option 4 ID: 75189737903

Status : Answered



Q.64 Refer to the letter and symbol series, and answer the question that follows.

(Left) K B # A @ S * B Q @ R V N % & S (Right)

How many letters are there between the element that is third from the right end and the element that is sixth from the left end of the given series?

Ans

X 1. 7

√ 2. **5**

X 3. 8

X 4. 6

Question ID: 75189711039

Option 1 ID : **75189744156**

Option 2 ID: **75189744153** Option 3 ID: **75189744154**

Option 4 ID : 75189744155

Status: Answered

Chosen Option: 1

Q.65 Vincov-19, the first indigenous drug to treat Covid-19, has been developed by synthesizing blood serum obtained from immunised with spike glycoprotein of inactivated SARS-CoV-2 virus.

Ans

√ 1. horses

× 2. rabbits

× 3. pigs

× 4. monkeys

Question ID: 7518978499

Option 1 ID: 75189733994

Option 2 ID: 75189733993

Option 3 ID: 75189733995

Option 4 ID : **75189733996**Status : **Answered**

Chosen Option: 4

Q.66 The direction of the force acting on a current carrying conductor in the presence of a magnetic field depends on:

Δne

* 1 the direction of the current alone

× 2. the direction of the magnetic field alone

X 4.

neither the direction of the current nor the direction of the magnetic field

Question ID: 75189711182

Option 1 ID: 75189744725

Option 2 ID: 75189744726

Option 3 ID: 75189744727

Option 4 ID: 75189744728

Status: Not Answered



Q.67 Select the option that is related to the fifth number in the same way as the second number is related to the first number, the fourth number is related to the third number.

9:728::4:63::7:?

Ans X 1. 341

× 2. 315

√ 3. 342

X 4. 346

Question ID: 75189711231 Option 1 ID: 75189744922

Option 2 ID: 75189744924 Option 3 ID: 75189744921 Option 4 ID: 75189744923

Status: Answered

Chosen Option: 3

Q.68 The Godavari river rises from about 80 km from the Arabian Sea at an elevation of 1,067 m.

Ans

★ 1. Talakaveri

✓ 2. Trimbakeshwar

X 3. Satpura Range

Mahabaleshwar

Ma

Question ID: 7518978914

Option 1 ID: 75189735654 Option 2 ID: 75189735655 Option 3 ID: 75189735656

Option 4 ID: 75189735653

Status: Answered

Chosen Option: 4

Q.69 Arrange the following element of group 1 in the decreasing order of their atomic radii. Atomic numbers are given in parentheses.

Li (3), K (19), Cs (55), Na (11), Rb (37)

Ans \times 1. $C_S > Rb > Na > K > Li$

 \times 2. Cs > Rb > K > Li > Na

√ 3. Cs > Rb > K > Na > Li

X 4. Cs > Rb > Li > K > Na

Question ID: 75189710393

Option 1 ID: 75189741572

Option 2 ID: 75189741569

Option 3 ID: 75189741570

Option 4 ID: 75189741571

Status: Answered



Q.70 Select the option that is related to the seventh number in the same way as the second number is related to the first number, the fourth number is related to the third number and the sixth number is related to the fifth number.

3:8::7:16::4:10::8:?

Ans

√ 1. 18

X 2. 16

X 3. 12

X 4. 22

Question ID: 75189711069

Option 1 ID: 75189744275 Option 2 ID: 75189744273 Option 3 ID: 75189744274 Option 4 ID: 75189744276

Status: Answered

Chosen Option: 1

Q.71 The value of $(6-3) \div [(9-6) \div \{(6-4) \div (2+\frac{8}{13})\}]$ is:

Ans

× 1. 1/17

 \checkmark 2. $\frac{13}{17}$

 \times 3. $\frac{26}{17}$

 \times 4. $\frac{5}{17}$



Question ID: 75189710616

Option 1 ID: 75189742462

Option 2 ID: 75189742463

Option 3 ID: 75189742464

Option 4 ID: 75189742461

Status : Answered



Q.72 The Prarthana Samaj, which was recognised as an institution that worked for religious as well as social reform, was established in Bombay by ______ in 1876.

Ans X 1 Mahadev Govind Ranade

X 2. Ishwar Chandra Vidyasagar

3. Dr. Atma Ram Pandurang

X 4 RC Bhandarkar

Question ID: 75189710425 Option 1 ID: 75189741697 Option 2 ID: 75189741700 Option 3 ID: 75189741699 Option 4 ID: 75189741698 Status: Answered

Chosen Option: 3

Q.73 A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $C \ge V \le B \ge N \ge Z \ge L$

Ans χ 1. $C \ge V < L$

 \times 2. C > B > N

√ 3. B > Z > L

X 4. B > L > V

Question ID: 7518978219
Option 1 ID: 75189732876
Option 2 ID: 75189732875
Option 3 ID: 75189732874
Option 4 ID: 75189732873

Status : Answered

Chosen Option: 3

Q.74 Refer to the following letter, number, symbol series and answer the question.

(Left) S \$ 3 & 3 P & 3 D J * M 2 F A \$ Y ! 1 Z (Right)

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

Ans × 1. 0

X 2. 1

X 3. 2

√ 4. 3

Question ID : **7518979165** Option 1 ID : **75189736657**

Option 2 ID: **75189736658**Option 3 ID: **75189736659**Option 4 ID: **75189736660**

Status : Answered





Q.75 Three resistors of 5 Ω are connected in series, and a battery of 10 V is connected to the two end of the series combination of resistors. Calculate the current drawn from the battery.

Ans X 1. 0.77 A

X 2. 0.57 A

X 3. 0.87 A

√ 4. 0.67 A

Question ID: 75189711333 Option 1 ID: 75189745331 Option 2 ID: 75189745329 Option 3 ID: 75189745332 Option 4 ID: 75189745330

Status: Answered

Chosen Option: 4

Q.76 The image of a star is obtained at F of a concave mirror when the incident ray is:

Ans ★ 1 along the focal plane

× 2. perpendicular to principal axis

X 3. inclined to principal axis

Question ID: 7518979472 Option 1 ID: 75189737888 Option 2 ID: 75189737885 Option 3 ID: 75189737887 Option 4 ID: 75189737886

Status: Answered

Chosen Option: 2

Q.77 A circuit consists of three resistors, R1, R2 and R3, and they have the values 5Ω , 10Ω and 30Ω , respectively, which have been connected to a battery of $10 \, \mathrm{V}$ (with negligible internal resistance). Each of the resistors is in parallel with each other. The total resistance of the circuit is:

Ans × 1. 1 Ω

Χ 2. 6 Ω

× 3. 5 Ω

√ 4. 3 Ω

Question ID: 75189711335 Option 1 ID: 75189745337 Option 2 ID: 75189745340

Option 3 ID: 75189745339 Option 4 ID: 75189745338

Status: Answered





Q.78 Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

- 1. All shampoos are brushes.
- 2. Some brushes are conditioners.
- 3. No conditioner is towel.

Conclusions:

- I. Some towels are conditioners.
- II. No shampoo is a towel.
- III. Some brushes are shampoos.

Ans

- M 1. Only conclusions II and III follow
- ✓ 2. Only conclusions III follows
- X 3. Only conclusions I and II follow
- ✗ 4. Only conclusion I follows

Question ID: 75189710778 Option 1 ID: 75189743110 Option 2 ID: 75189743112 Option 3 ID: 75189743109

Option 4 ID: 75189743111 Status: Answered

Chosen Option: 2

Q.79 Which of the following numbers will replace the question mark (?) in the given series?

26, 61, 120, 209, ?, 501

Ans X 1. 298

× 2. 368

√ 3. 334

X 4. 434

Question ID: 75189710916

Option 1 ID: 75189743662

Option 2 ID: 75189743663

Option 3 ID: 75189743661

Option 4 ID: 75189743664

Status: Answered





Q.80 The LCM of two numbers is 588. Which of the following CANNOT be their HCF?

Ans X 1. 49

X 2. 21

√ 3. **35**

X 4. 28

Question ID: 75189711397 Option 1 ID: 75189745588

Option 2 ID: 75189745585 Option 3 ID: 75189745587 Option 4 ID: 75189745586

Status: Answered

Chosen Option: 1

Q.81 Which of the following tissues helps in tissue repair?

Ans

✓ 1. Areolar

× 2. Tendon

X 3. Cartilage

× 4. Ligament

Question ID: 7518977816 Option 1 ID: 75189731261

Option 2 ID: 75189731264 Option 3 ID: **75189731262** Option 4 ID: 75189731263

Status: Answered

Chosen Option: 1

Q.82 Study the given table and answer the question that follows.

The marks obtained in Mathematics by 41 students of Class X are given in the table.

Number of marks	10 - 20	20 - 30	30 - 40	40 - 50	50 - 60
Number of students 8		7	6	11	9

What is the arithmetic mean of the marks obtained by these students? [Give your answer correct to 3 decimal places.]

Ans

✓ 1. 36.463

× 2. 35.225

× 3. 38.675

× 4. 36.745

Question ID: 75189711202

Option 1 ID: 75189744806

Option 2 ID: 75189744808

Option 3 ID: **75189744805**

Option 4 ID: 75189744807 Status: Answered





Q.83 If a man was to sell an article for ₹ 840, he would lose 20%. To gain 25% he should sell it for____.

√ 1. ₹1,312.50

× 2. ₹1,300.50

× 3. ₹1,200.50

× 4. ₹1,212.50

Question ID: 7518979249

Option 1 ID: 75189736996 Option 2 ID: 75189736995

Option 3 ID: 75189736993 Option 4 ID: 75189736994

Status: Answered

Chosen Option: 1

Q.84 J, K, L, M and N live on different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 5. K and N live on the topmost and bottommost floors, respectively. I lives on the floor immediately above L. M lives on the floor immediately above N. Who lives on the second floor?

Ans X 1. J

X 2. L

X 3. K

√ 4. M

Question ID: 75189710755

Option 1 ID: 75189743018

Option 2 ID: **75189743020**

Option 3 ID: 75189743017

Option 4 ID: 75189743019 Status: Answered

Chosen Option: 4

If 14: y:: 7: 8, find the value of y.

Ans

√ 1. 16

× 2. 18

X 3. 56

X 4. 28

Question ID: 75189710647

Option 1 ID: 75189742586

Option 2 ID: 75189742588

Option 3 ID: 75189742585

Option 4 ID: 75189742587

Status: Answered





Q.86 Through which of the following states of India does the Tropic of Cancer NOT pass?

Ans

X 1. Tripura

2. Odisha

× 3. Rajasthan

X 4 Madhya Pradesh

Question ID : **7518977525**Option 1 ID : **75189730100**Option 2 ID : **75189730098**

Option 2 ID : **75189730098** Option 3 ID : **75189730097** Option 4 ID : **75189730099**

Status: Answered

Chosen Option : 2

Q.87 Letters are coded as numbers/symbols as per the table given below and the conditions which follow. Refer to the codes and conditions and then select the correct code for SQUARE.

Letters	T	p	J	Q	S	U	E	R	Н	A
Number/Symbol		6	8	%	7	@	3	9	#	1

Conditions:

(i) If there is more than 1 vowel in the word, the vowels will be coded as 4.

(ii) If a word has consonants at both ends, both the consonants will be coded as 2.

Ans

X 1 7%4493

× 2. 7%@193

X 3. 7%9493

4. 7%4494

Question ID: 7518979763

Option 1 ID : **751**89**73**90**51** Option 2 ID : **75**189**73**90**50**

Option 3 ID : **75189739052**

Option 4 ID: 75189739049

Status : Answered





Q.88 If two pipes A and B function simultaneously, an empty tank will be filled in 20 hours. If pipe A, working alone, fills this empty tank 9 hours faster than pipe B can fill it working alone, then how many hours does it take pipe B to fill this empty tank while working alone?

Ans

× 1 42 hours

X 2. 39 hours

X 4. 36 hours

Question ID: 75189711201 Option 1 ID: 75189744803 Option 2 ID: 75189744804 Option 3 ID: 75189744802 Option 4 ID: 75189744801

Status: Answered Chosen Option: 3

Q.89 If the mean of a distribution is 8.73 and its median is 11, then the mode of the distribution is (using empirical relation).

Ans X 1. 22

× 2. 19.73

√ 3. 15.54

× 4. 17.46

Question ID: 75189710684 Option 1 ID: 75189742734 Option 2 ID: 75189742733 Option 3 ID: 75189742736

Option 4 ID: 75189742735 Status: Answered

Chosen Option: 3

Q.90 A two-digit number z is exactly six times the sum of its digits and the difference of the number formed by reversing the digits of z from the original number z is 9. Then z is:

Ans

1. 54

X 2. 45

X 3. 42

X 4. 36

Question ID: 7518979288

Option 1 ID: 75189737152 Option 2 ID: 75189737149 Option 3 ID: 75189737151

Option 4 ID: 75189737150 Status: Answered



Q.91 Jayant started from a point 'A' and walked 15 meters towards South. He turned left and walked 20 meters. He then turned right and walked 15 meters. He again turned right and walked 20 meters and reached a point 'B'. How far and in which direction is the point 'B' from the point 'A'?

Ans X 1. 30 meters North

✓ 2. 30 meters South

★ 3. 15 meters West

× 4 15 meters East

Question ID: 75189710889 Option 1 ID: 75189743555 Option 2 ID: 75189743556 Option 3 ID: 75189743554 Option 4 ID: 75189743553

Status: Answered

Chosen Option: 2

Q.92 If '+' means ' +' ', ' -' means ' +' ', '*' means ' -' and '+' means ' X', then, what will be the value of the following expression?

 $[\{(48 \times 28) - (5 \div 3)\} + (3 - 4)]$

Ans 🗙 1. 4

X 2. 2

X 3. 1

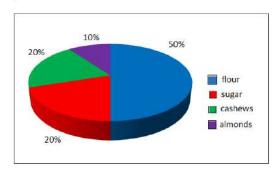
√ 4. 5

Question ID: 7518977755
Option 1 ID: 75189731019
Option 2 ID: 75189731018
Option 3 ID: 75189731017
Option 4 ID: 75189731020

Status : Answered



Q.93 The percentage of all of the ingredients in a recipe is shown in the following pie-chart. Blue represents the flour, red represents the sugar, green represents cashews, and purple represents almonds. Study the pie-chart and answer the question.



If the final mixture of all these ingredients weighs twice of 3,50,000 g, then what is the difference between the weight of flour and almonds?

Ans

- √ 1. 2,80,000 g
- × 2. 2,93,000 g
- × 3. 1,40,000 g
- × 4. 1,55,500 g

Question ID: 75189711255

Option 1 ID: 75189745019

Option 2 ID : **75189745020** Option 3 ID : **75189745017**

Option 4 ID : **75189745018**

Status: Answered

Chosen Option: 3

Q.94 Five friends are sitting around a circular table in a club playing cards and facing the center. W is not an immediate neighbour of either X or U. V is not an immediate neighbour of X. U is sitting to the immediate left of X. If Y is sitting between X and W, who will be sitting to immediate right of V?

Ans

- X 1. W
- X 2. X
- **√** 3. **U**
- X 4. Y

Question ID: 75189710729

Option 1 ID: 75189742914

Option 2 ID: **75189742913**

Option 3 ID : **75189742915**

Option 4 ID: 75189742916

Status : Answered



Q.95 Read the statement and the arguments carefully and select the appropriate answer from the given options.

Limited and cautious use of plastic material can be a good strategy for its total ban movement.

- I. An instant ban on plastic is very far from reality as people are not ready to use alternatives.
- II. Paper bags can be a good alternative to plastic bags.

Ans

- X 1 II weakens while I strengthens the statement.
- × 2. I weakens while II strengthens the statement.
- Make A Both I and II weaken the statement.

Question ID: 75189711123

Option 1 ID: **75189744490** Option 2 ID: 75189744489

Option 3 ID: 75189744492

Option 4 ID: 75189744491

Status: Answered

Chosen Option: 2

Q.96 Two statement are given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statements.

Statement: $J \le P = C$, $T \le Q \le M = J \le A$

Ans
$$\times$$
 1. $P > A$

$$\times$$
 4. $C = A$

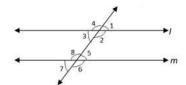
Question ID: 7518979735 Option 1 ID: 75189738940

Option 2 ID: 75189738938 Option 3 ID: 75189738939

Option 4 ID: 75189738937

Status: Answered

Q.97 In the given figure, if $l \parallel m$, then which of the following relations is not necessarily true?



Ans

$$\times$$
 1. $\angle 8 = \angle 6$

$$\times$$
 2. $\angle 1 = \angle 5$

$$\times$$
 4. $\angle 1 = \angle 7$

Question ID: 7518979105 Option 1 ID: 75189736419 Option 2 ID: 75189736420

Option 3 ID: 75189736417 Option 4 ID: 75189736418

Status: Answered

Chosen Option: 3

Q.98 As per Mendel's experiments with pea plants, tallness was called a 'dominant' trait compared to shortness because

in all organisms, including peas, tall individuals are more common than short individuals



a plant was tall regardless of whether it had one gene (allele) or two genes (alleles) for tallness

× 3. tall plants are larger in size than short plants

the symbol for the gene for tallness was 'T', while the symbol for the gene for shortness was 't'

Question ID: 75189710118

Option 1 ID: 75189740470 Option 2 ID: 75189740471

Option 3 ID: 75189740469

Option 4 ID: 75189740472

Status: Answered





Q.99 The executive power of the State shall be vested in the Governor and shall be exercised by him either directly or through officers subordinate to him in accordance with which Article of the Constitution of India?

Ans

✓ 1. Article 154

X 2. Article 144

X 3. Article 124

X 4. Article 134

Question ID : **7518979445**Option 1 ID : **75189737780**Option 2 ID : **75189737770**

Option 2 ID : **75189737779** Option 3 ID : **75189737777** Option 4 ID : **75189737778**

Status: Answered

Chosen Option : 1

Q.100 A shopkeeper marks the price of an article 10% more than the cost price. After allowing discount, he earns 5% profit.
The discount percentage is:

Ans

√ 1. 4.54%

× 2. 4%

× 3. 5.54%

X 4. 3%

Question ID : 7518979253

Option 1 ID : **75189737009** Option 2 ID : **75189737012** Option 3 ID : **75189737010**

Option 4 ID : **75189737011**Status : **Answered**

Chosen Option: 1

QP HTML Generated date 2022/09/21-19:58:03