





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	Arya Institute of Engineering and Technology
Test Date	14/09/2022
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 Where was the final match of Indian Premier League (IPL) 2022 played?

- X 1. Green Park Stadium, Kanpur
- X 2. M Chinnaswamy Stadium, Bengaluru
- 3. Narendra Modi Stadium, Ahmedabad
- X 4. Wankhede Stadium, Mumbai

Question ID: 7518976469 Option 1 ID: 75189725873 Option 2 ID: 75189725876 Option 3 ID: 75189725875 Option 4 ID: 75189725874 Status : Answered Chosen Option: 3

Q.2 All 24 students of a class are standing in a straight row facing north. Neha is 8th from the right end, while Abhishek is 20th from the left end. How many students are standing between Neha and Abhishek?

Ans X 1. 4

X 2. 1

X 3. 3

√ 4. 2

Question ID: 7518979813 Option 1 ID: 75189739250 Option 2 ID: 75189739252 Option 3 ID: 75189739251 Option 4 ID: 75189739249 Status: Answered

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Q.3 Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

 $5.18 \times 4 + 2.06 \times 5 - 10 \div 2 + 1 = ?$

Ans

X 1. 30

√ 2. 26

X 3. 15

× 4. 40

Question ID: 7518977747

Option 1 ID: 75189730985 Option 2 ID: 75189730986 Option 3 ID: 75189730988

Option 4 ID: 75189730987 Status: Answered

Chosen Option : 2

Q.4 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.

72:90::48:60::24:?

Ans 🗙 1. 32

X 2. 24

X 3. 40

4. 30

Question ID: 75189710925

Option 1 ID: 75189743700 Option 2 ID: 75189743698 Option 3 ID: 75189743697

Option 4 ID: 75189743699

Status: Answered





O.

The historic place 'Chauri Chaura' is situated in which state?

Ans

- Market Minachal Pradesh
- × 2. Andhra Pradesh
- X 3. Kerala
- ✓ 4. Uttar Pradesh

Question ID: 7518973801 Option 1 ID: 75189715201 Option 2 ID: 75189715202 Option 3 ID: 75189715204 Option 4 ID: 75189715203

Status: Marked For Review

Chosen Option: 1

Q.6 Which of the following industries has developed the most on the banks of the Hooghly river?

Ans

- ✓ 1. Jute Industry
- 2. Dairy Industry
- X 3. Sugar Industry
- ✗ 4. Iron-ore Industry

Question ID: 7518977516 Option 1 ID: 75189730064 Option 2 ID: 75189730062 Option 3 ID: 75189730061 Option 4 ID: 75189730063

Status : Answered

The average of 3^2 , 4^2 , 5^2 , 6^2 and 7^2 is _____.

Ans X 1. 24

√ 2. 27

X 3. 28

X 4. 25

Question ID: 75189710679 Option 1 ID: 75189742716 Option 2 ID: 75189742714 Option 3 ID: 75189742713 Option 4 ID: 75189742715

Status: Answered

Chosen Option: 2

Simplify $34 - 66 \div 6 + 18 \times 8$.

Ans 🗙 1. 138

√ 2. 167

× 3. −600

× 4. 104

Question ID: 7518979092 Option 1 ID: 75189736367 Option 2 ID: 75189736366 Option 3 ID: 75189736368 Option 4 ID: 75189736365 Status : Answered

Chosen Option: 2

Q.9 On increasing the potential difference applied across a conductor at constant temperature,

Ans × 1 current decreases

× 2. current remains constant

× 3. current becomes zero

✓ 4. current increases

Question ID: 7518979541

Option 1 ID: 75189738161 Option 2 ID: 75189738163 Option 3 ID: 75189738164

Option 4 ID: 75189738162

Status: Answered





Q.10 Where is the ozone hole located?

Ans X 1 Over the North and South Poles

Over industrialised Europe

3. Over Antarctica

X 4. Over the Equator

Question ID: 75189710127 Option 1 ID: 75189740506 Option 2 ID: 75189740507 Option 3 ID: 75189740508 Option 4 ID: 75189740505

Status : Answered Chosen Option: 4

Q.11 The ratio of the lengths of two corresponding sides of two similar triangles is 3:1. The ratio of their corresponding

Ans X 1. 1:3

X 2. 2:1

X 3. 3:1

√ 4. 1:1

Question ID: 75189710041 Option 1 ID: 75189740164 Option 2 ID: 75189740162 Option 3 ID: 75189740163 Option 4 ID: 75189740161

Status: Answered

Chosen Option: 3

Q.12 Which of the following statements is correct with respect to Newlands law of octaves?

Ans

Newlands' law of octaves worked well with lighter elements only.

X 2.

Newlands' law of octaves worked well with heavier elements only.

In Newlands' octaves, the properties of fluorine and sodium were found to be the same.

X 4.

John Newlands, an English scientist arranged the then known elements in the order of increasing atomic sizes.

Question ID: 75189710385 Option 1 ID: 75189741537 Option 2 ID: 75189741539

Option 3 ID: 75189741540 Option 4 ID: 75189741538

Status: Answered



Q.13 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 conditions is your answer.

Number/ symbol	4	96	5	8	@	\$	5	4	A.	+	#	3	7	9
Code Letter	G	0	Н	Р	Т	М	A	В	L	N	F	S	Q	R

Conditions:

(i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second

What will be the code for 5 @ S ^ 8?

Ans

X 1. HTMLP

√ 2. ©TML©

X 3. ©TMLP

X 4. HTML©

Question ID: 75189711056

Option 1 ID: 75189744221 Option 2 ID: 75189744224 Option 3 ID: 75189744223

Option 4 ID: 75189744222

Status: Answered

Chosen Option: 2

Q.14 Two trains are moving in opposite directions at speeds of 80 km/h and 120 km/h. The length of one train is 300 m. The time taken by them to cross each other is 12 seconds. The length (in m) of the other train, correct to 2 decimal places, is:

Ans

√ 1. 366.67

× 2. 388.88

× 3. 377.77

X 4. 333.33

Question ID: 7518979960 Option 1 ID: 75189739838 Option 2 ID: 75189739840

Option 3 ID: 75189739839 Option 4 ID: 75189739837

Status: Answered





Parenchyma tissue is the most common simple permanent tissue in plants. Why is it known as Chlorenchyma and Aerenchyma in some plants?

X 1. Ans

Chlorenchyma — Has air spaces (aquatic plants) and helps them to float

Aerenchyma — provides mechanical support

Chlorenchyma — Has chlorophyll for photosynthesis (leaves)

Aerenchyma — Has air spaces (aquatic plants) and helps them to float

X 3.

Chlorenchyma — supports the plant

Aerenchyma — Has chlorophyll for photosynthesis (leaves)

X 4.

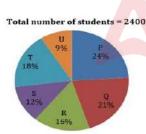
Chlorenchyma — Has air spaces (aquatic plants) and helps them to float

Aerenchyma — has chlorophyll for photosynthesis

Question ID: 7518974514 Option 1 ID: 75189718056 Option 2 ID: 75189718053 Option 3 ID: 75189718054 Option 4 ID: 75189718055 Status: Answered

Chosen Option: 4

Q.16 The given pie chart shows the number of students in six different Houses-P, Q, R, S, T and U of VV International School. Study the chart and answer the question.



Find the ratio of students in House S to students in House T.

Ans X 1. 1:2

X 2. 4:7

√ 3. 2:3

X 4. 3:4

Question ID: 75189710966 Option 1 ID: 75189743861 Option 2 ID: 75189743864 Option 3 ID: **75189743863**

Option 4 ID: 75189743862 Status: Answered





In preparation of NaOH by electrolytic method, which solution is used?

Ans X 1 Lime water

X 2. Chlorine water

★ 3. Bromine water

✓ 4. Brine

Question ID: 7518979645 Option 1 ID: 75189738577 Option 2 ID: 75189738580 Option 3 ID: 75189738579 Option 4 ID: 75189738578 Status: Answered

Chosen Option: 3

Q.18 Raghav's monthly salary is ₹18,000 Raghav took a loan of ₹30,000 on simple interest for 3 years at the rate of 5% per annum. The amount that he will be paying as simple interest in 3 years is what percentage of his monthly salary?

Ans X 1. 35%

× 2. 20%

X 3. 30%

4. 25%

Question ID: 7518979102 Option 1 ID: 75189736408 Option 2 ID: 75189736406 Option 3 ID: 75189736407 Option 4 ID: 75189736405 Status: Answered

Chosen Option: 4

Q.19 A rainbow is observed due to refraction of the sunlight through rain drops. This implies that:

X 1. sunlight is monochromatic

✓ 2. sunlight is polychromatic

3 refractive index of rain drop is 1

× 4 rain drops are not spherical in shape

Question ID: 75189711153

Option 1 ID: 75189744609 Option 2 ID: **75189744610** Option 3 ID: 75189744611

Option 4 ID: 75189744612

Status: Answered





Q.20 Which of the following numbers will replace the question mark (?) in the given series?

87, 76, 67, 60, 55, ?

Ans X 1. 51

X 2. 50

X 3. 53

√ 4. 52

Question ID: 75189710923

Option 1 ID: 75189743690 Option 2 ID: 75189743689

Option 3 ID: **75189743692** Option 4 ID: 75189743691

Status: Answered

Chosen Option: 4

Q.21 In an isosceles triangle, the vertex angle measures 80°. What is the measure of each of the base angles?

Ans

√ 1. 50° and 50°

X 2. 60° and 40°

X 3. 60° and 50°

X 4. 60° and 60°

Question ID: 75189710036

Option 1 ID: 75189740141 Option 2 ID: 75189740142 Option 3 ID: 75189740144 Option 4 ID: 75189740143

Status: Answered

Chosen Option: 1

Q.22 A certain number of persons are standing in a straight row facing North, X is standing to the immediate left of W but immediate right of R. Z is standing to the immediate left of R. There is only one person to the left of P. Q is standing to the immediate left of Y. The person standing at the extreme right end is the only person to the right of Y. Only four persons are standing between P and Q. If no other person is standing in the row, what is the total number of persons standing?

Ans

X 1. Ten

× 2. Eight

X 3. Seven

Question ID: 75189710770

Option 1 ID: 75189743080 Option 2 ID: 75189743078

Option 3 ID: 75189743077 Option 4 ID: 75189743079

Status: Answered





Q.23 Who among the following Indian cueists won his eighth title at the 19th Asian 100 UP Billiards Championship 2022?

Ans 💢 1. Alok Kumar

× 2. Wilson Jones

3. Pankaj Advani

Market A. Dhruv Sitwala

1. Property of the property of th

Question ID: 7518978824
Option 1 ID: 75189735296
Option 2 ID: 75189735295
Option 3 ID: 75189735294
Option 4 ID: 75189735293
Status: Answered

Chosen Option: 1

Q.24 In which of the following states are the Palitana temples, a Jain pilgrimage site, located?

Ans X 1. Karnataka

× 2. Rajasthan

X 3. Jharkhand

4. Gujarat

Question ID: 7518977492
Option 1 ID: 75189729968
Option 2 ID: 75189729967
Option 3 ID: 75189729965
Option 4 ID: 75189729966
Status: Answered

Chosen Option : 1

Q.25 An electric generator is a device which converts:

Ans

✓ 1. mechanical energy into electrical energy

× 2. electrical energy into mechanical energy

✗ 3. light energy into mechanical energy

× 4 mechanical energy into light energy

Question ID: 75189711176 Option 1 ID: 75189744703 Option 2 ID: 75189744704 Option 3 ID: 75189744702 Option 4 ID: 75189744701

Status : Answered

Q.26

Evaluate 999³.

Ans

√ 1. 997002999

X 2. 997003999

× 3. 997004999

X 4. 997005999

Question ID: 7518979983

Option 1 ID: 75189739929 Option 2 ID: 75189739930 Option 3 ID: 75189739931

Option 4 ID: 75189739932 Status: Answered

Chosen Option: 1

Q.27 A cylindrical rod has an outer curved surface area of 2800 cm². If the length of the rod is 100 cm, then the outer radius (in cm) of the rod, correct to two places of decimal, is:

Take $\pi = \frac{22}{7}$

Ans X 1. 2.45

X 2. 5.45

X 3. 3.45

4.4.45

Question ID: 75189710028

Option 1 ID: 75189740109 Option 2 ID: 75189740112 Option 3 ID: 75189740110

Option 4 ID: 75189740111 Status: Answered

Chosen Option: 4

Q.28 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

BK\$36, GPX48, LUC60, QZH72,?

Ans

× 1. VEM88

× 2. MVE84

X 3. MVE88

Question ID: 7518979145

Option 1 ID: 75189736579 Option 2 ID: 75189736580

Option 3 ID: 75189736578

Option 4 ID: 75189736577

Status: Answered

Q.29 Which of the following is an INCORRECT relation between V, I and R?

Ans

$$\checkmark$$
 1. $V = \frac{R}{I}$

$$\times$$
 2. $I = \frac{V}{R}$

$$\times$$
 3. $R = \frac{v}{I}$

$$\times$$
 4. $V = IR$

Question ID: 7518979543
Option 1 ID: 75189738170
Option 2 ID: 75189738172
Option 3 ID: 75189738169
Option 4 ID: 75189738171

Status : Answered

Chosen Option : 1

Q.30 Study the given number series and answer the question that follows.

(Left) 9 6 7 6 8 2 5 7 3 2 5 8 6 2 7 5 4 9 2 4 7 3 8 5 (Right)

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

Ans

Adda

Question ID : **75189711036** Option 1 ID : **75189744141**

Option 2 ID : **75189744143** Option 3 ID : **75189744144**

Option 4 ID : 75189744142 Status : Answered

Chosen Option : 1

Q.31 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.

8:32::18:162::16:?

Ans

Question ID : **75189710929**

Option 1 ID : **75189743714** Option 2 ID : **75189743716**

Option 3 ID: **75189743715** Option 4 ID: **75189743713**

Status : Answered



Q.32 Amit starts from Point Y and drives 8 km towards the north. He then takes a right turn, drives 12 km, turns right and drives 11 km. He then takes a right turn and drives 15 km. He takes a final right turn, drives 3 km and stops at Point Z. How far and towards which direction should be drive in order to reach Point Y from Point Z? (All turns are 90 degree turns only)

Ans × 1 3 km towards the north

× 2 2 km towards the west

× 4. 2 km towards the east

Question ID: 7518979863 Option 1 ID: 75189739449 Option 2 ID: 75189739452 Option 3 ID: 75189739451

Option 4 ID: 75189739450 Status: Answered

Chosen Option: 3

Q.33 In which of following states of India is the cultural festival 'LOSAR' celebrated?

1. Arunachal Pradesh

Ans

× 2. Nagaland

X 3. Goa

X 4. Karnataka

Question ID: 7518979376 Option 1 ID: 75189737502 Option 2 ID: 75189737501 Option 3 ID: 75189737503 Option 4 ID: 75189737504

Status: Answered

Chosen Option: 1

Q.34 In a balanced chemical equation, the reactant is always written

the arrow.

Ans X 1 above

✓ 2. on the left-hand side of

X 3. below

× 4. on the right-hand side of

Question ID: 7518979607

Option 1 ID: 75189738425 Option 2 ID: 75189738426 Option 3 ID: 75189738428

Option 4 ID: 75189738427 Status: Answered





Q.35 Read the given statements and conclusions carefully and decide which of the given conclusions logically follows the statements.

Statements:

- D≥S
- 2. X < W
- 3. S = J
- 4. W > Y
- 5. X>D
- 6. J≥E

Conclusions:

- I. D<Y
- II. D=E
- III. E = S
- IV. W>J

Ans

- ★ 1 Only conclusion III follows
- ✓ 2. Only conclusion IV follows
- 3 Only conclusion I follows
- ✗ 4 Only conclusion II follows

Question ID : 7518977942

Option 1 ID : **75189731768** Option 2 ID : **75189731767** Option 3 ID : **75189731765**

Option 4 ID : **75189731766**Status : **Answered**

Chosen Option : 4

Q.36 Electromagnetic induction is the phenomenon wherein:

Ans

× 1. a moving coil carrying current induces force on the magnet



a moving magnet induces an EMF in the closed loop of a conductor

X 3.

a moving magnet exerts force on the closed loop of a conductor

X 4.

a moving closed loop of a conductor induces an EMF in the closed loop of another conductor

Question ID : 75189711175

Option 1 ID: **75189744700**Option 2 ID: **75189744697**Option 3 ID: **75189744699**

Option 4 ID : **75189744698**

Status : Answered





Q.37 A boy covers 450 m in 2 minutes 30 seconds. How many kilometres will be cover in an hour if he travels at the same speed mentioned above?

Ans × 1. 12.8

× 2. 9.6

✓ 3. 10.8

X 4. 13.5

Question ID: 75189710667 Option 1 ID: 75189742667 Option 2 ID: 75189742668 Option 3 ID: 75189742666 Option 4 ID: 75189742665

Status: Answered

Chosen Option: 3

Q.38 Each vowel in the word THUNDER is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. Which of the following letters will appear in the middle of the group of letters thus formed?

Ans

√ 1. M

X 2. V

X 3. N

X 4. O

Question ID: 75189710839 Option 1 ID: 75189743354 Option 2 ID: 75189743355 Option 3 ID: 75189743356 Option 4 ID: 75189743353

Status: Answered

Chosen Option: 1

Q.39 From which of the following countries India has purchased S-400 Missile System?

Ans

X 1 America

X 2. Canada

× 3. Israel

4. Russia

Question ID: 75189710519 Option 1 ID: 75189742075

Option 2 ID: 75189742076 Option 3 ID: 75189742074

Option 4 ID: 75189742073

Status: Answered

Q.40

Factorise $49a^2 + 70ab + 25b^2$.

Ans

$$\times$$
 1. $(5a - 7b)^2$

$$\sqrt{2}$$
 $(7a + 5b)^2$

$$\times$$
 3. $(5a + 7b)^2$

$$\times$$
 4. $(7a - 5b)^2$

Question ID: 7518979978
Option 1 ID: 75189739912
Option 2 ID: 75189739909
Option 3 ID: 75189739910
Option 4 ID: 75189739911

Status : Answered

Chosen Option: 2

Q.41 The marks scored by 10 students are given below.

17, 13, 18, 11, 15, 13, 19, 18, 13, 17

The mode of the data is:

Ans

Adda 21

Question ID: 7518979972

Option 1 ID: **75189739885** Option 2 ID: **75189739886**

Option 3 ID : **75189739887**

Option 4 ID: 75189739888

Status : Answered

Chosen Option: 1

Q.42 Which of the following features of the Constitution of India is borrowed from the Constitution of the United Kingdom?

Ans

- × 2. Fundamental duties
- X 3. Concurrent list
- Multiple August 1

 Aug

Question ID: 7518979435

Option 1 ID: 75189737739

Option 2 ID: 75189737740

Option 3 ID: 75189737737

Option 4 ID: 75189737738

Status : Answered

Q.43 The volume (in m³) of a cube, each of whose edges is 9 m, is:

Ans × 1. 648

× 2. 527

× 3. 486

4. 729

Question ID: 75189710029 Option 1 ID: 75189740115 Option 2 ID: 75189740114 Option 3 ID: 75189740113 Option 4 ID: 75189740116

Status: Answered

Chosen Option: 4

Q.44 As of August 2022, what is the prescribed maximum age of the subscriber under Atal Pension Yojana (APY) when the minimum prescribed age is 18 years?

Ans × 1. 60 years

× 2. 55 years

× 3. 35 years

Question ID: 75189711111 Option 1 ID: 75189744444 Option 2 ID: 75189744443 Option 3 ID: 75189744441 Option 4 ID: 75189744442

Status: Answered Chosen Option: 2

Q.45 The roots of the equation $\sqrt{3} x^2 - 8x + 5\sqrt{3} = 0$ are:

Ans

$$\times$$
 1. $\sqrt{3}$, $\frac{-5}{\sqrt{3}}$

$$\times$$
 2. $-\sqrt{3}$, $\frac{-5}{\sqrt{3}}$

$$\times$$
 3. $-\sqrt{3}$, $\frac{5}{\sqrt{3}}$

$$\checkmark$$
 4. $\sqrt{3}$, $\frac{5}{\sqrt{3}}$

Question ID: 7518978764

Option 1 ID: 75189735054 Option 2 ID: 75189735055 Option 3 ID: 75189735053

Option 4 ID: 75189735056 Status: Answered



Q.46 Garhwal was the birthplace of the _____.

Ans

- ✓ 1. Chipko Movement
- X 2. Bishnoi Movement
- X 3. Jungle Bachao Andolan
- X 4. Narmada Bachao Andolan

Question ID: 7518974497 Option 1 ID: 75189717988 Option 2 ID: 75189717985 Option 3 ID: 75189717987 Option 4 ID: 75189717986

Status : Answered

Chosen Option: 3

Q.47 Three statements are given, followed by four conclusions numbered I, II, III and IV. 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 pictures are drawings.
- 2. No drawing is caricature.
- 3. All figures are caricatures.

Conclusions:

- I. Some figures are pictures.
- II. No caricature is picture.
- III. No picture is figure.
- IV. Some caricatures are pictures.

Ans

- ★ 1. Only conclusion IV follows
- X 2. Only conclusions I and IV follow
- X 3. Only conclusions I follows

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Question ID: 75189710773
Option 1 ID: 75189743092
Option 2 ID: 75189743091
Option 3 ID: 75189743089
Option 4 ID: 75189743090

Status: Answered





Q.48 Select the number from among the given options that can replace the question mark (?) in the following series.

3, 4, 4, 6, 12, 15, ?, 49, 196, 201

Ans X 1. 37

2. 45

X 3. 27

X 4. 32

Question ID: 7518979033

Option 1 ID: 75189736131 Option 2 ID: 75189736132

Option 3 ID: 75189736129

Option 4 ID: 75189736130 Status: Answered

Chosen Option: 2

Q.49 A, B and C invested ₹ 10,000, ₹12,000, and ₹15,000, respectively, for 5, 6, and 9 months, respectively, in a business. If A's share in the profit is ₹2,500, then the total profit is:

Ans

X 1. ₹12,550

× 2. ₹12,650

× 3. ₹12,700

√ 4. ₹12,850

Question ID: 7518979232

Option 1 ID: 75189736925 Option 2 ID: 75189736926

Option 3 ID: 75189736927 Option 4 ID: 75189736928

Status: Answered

Chosen Option: 4

The value of $(\sin 32^{\circ}\cos 58^{\circ} + \cos 32^{\circ}\sin 58^{\circ})$ is:

Ans X 1. 3

X 2. O

√ 3. **1**

X 4. 2

Question ID: 75189710047

Option 1 ID: 75189740188

Option 2 ID: 75189740185 Option 3 ID: 75189740186

Option 4 ID: 75189740187

Status: Answered





Q.51 The Banking Regulation Act, 1949 is a law that regulates banking firms in India. This Act was amended by the Banking Regulation (Amendment) Act of which year?

Ans X 1. 2018

× 2. 2014

√ 3. 2020

X 4. 2016

Question ID: 7518979409 Option 1 ID: 75189737633 Option 2 ID: 75189737636 Option 3 ID: 75189737635 Option 4 ID: 75189737634

Status : Answered

Chosen Option: 3

Q.52 If -(2/3) is a root of the equation $kx^2 - 13x - 10 = 0$, then the value of k is:

Ans

√ 1. 3

X 2. 1

X 3. 2

X 4. 4

Question ID : **7518978767** Option 1 ID : **75189735067**

Option 2 ID : **75189735065** Option 3 ID : **75189735066**

Option 4 ID : **75189735068**

Status: Answered

Chosen Option: 1

Q.53 In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic.

Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

OKD: RNG

MKS: PNV

Ans X 1. HKV : EKH

√ 2. RVH : UYK

X 3. RVH: VUK

X 4. HVK: UKH

Question ID: 7518979871

Option 1 ID : **75189739484** Option 2 ID : **75189739481**

Option 3 ID: 75189739482

Option 4 ID: 75189739483

Status : Answered



Q.54 A group of numbers/symbols is coded using letters as per the table given below and the conditions that follow. The correct combination of codes following the conditions is your answer.

Number/ symbol	6	96	8	9	@	\$	5	4	۸	+	#	3	7	9	
Code Letter	G	0	н	Q	т	М	А	В	L	М	F	s	Q	R	

Conditions:

(i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for 3 @ 4 # 4?

Ans

X 1. ©TFBC

√ 2. ©TBF©

X 3. SFTF©

X 4. STBF©

Question ID: 75189711051

Option 1 ID: 75189744203 Option 2 ID: 75189744204 Option 3 ID: 75189744202

Option 4 ID: 75189744201

Status: Answered

Chosen Option: 2

Q.55 Amongst six cousins, P, Q, R, S, T and U, each are of a different age. P's age is more than that of only one cousin. Q's age is more than that of S and P but not more than that of R. S's age is immediately more than P's age. R is younger than U. T is the youngest. Who is the oldest among all the cousins?

Ans X 1. S

√ 2. U

🗙 3. Q

X 4. T

Question ID: 75189710816 Option 1 ID: 75189743263

Option 2 ID: 75189743262

Option 3 ID: 75189743261

Option 4 ID: 75189743264 Status: Answered



Q.56 We can obtain an image that is real and of equal size when an object is placed of a mirror.

Ans X 1. between P and F, concave

× 2. at F, concave

× 4 at F, convex

Question ID: 7518979463
Option 1 ID: 75189737852
Option 2 ID: 75189737851
Option 3 ID: 75189737850
Option 4 ID: 75189737849
Status: Answered

Chosen Option: 3

Q.57 What are the group numbers of halogens and carbon family, respectively, in the modern periodic table?

Ans X 1. Group 16 and Group 14

✗ 3. Group 16 and Group 17

X 4. Group 18 and Group 14

Question ID: 75189710391 Option 1 ID: 75189741562 Option 2 ID: 75189741564 Option 3 ID: 75189741563 Option 4 ID: 75189741561 Status: Answered

Chosen Option: 2

Q.58 If 2, 3, 8 and y are in proportion, find the value of y.

Ans × 1. 48

√ 2. 12

X 3. 24

X 4. 16

Question ID: **75189710649**

Option 1 ID : **75189742593** Option 2 ID : **75189742596** Option 3 ID : **75189742594**

Option 4 ID : **75189742595** Status : **Answered**





Q.59 The Finance Commission is a constitutionally mandated body, set up under Article of the Constitution of India.

Ans X 1. 276

× 2. 273

√ 3. 280

X 4. 288

Question ID: 7518978596 Option 1 ID: 75189734382

Option 2 ID: 75189734381 Option 3 ID: 75189734384 Option 4 ID: 75189734383

Status: Answered

Chosen Option: 2

Q.60 If the digits 6 and 5 are replaced with 3 and 9, respectively, in the number 265367856, what will be the sum of the 1st and the 5th digits (when counted from the left) in the new number thus formed?

Ans × 1. 8

√ 2. **5**

X 3. 13

X 4. 17

Question ID: 75189711077

Option 1 ID: 75189744305 Option 2 ID: 75189744306 Option 3 ID: 75189744307 Option 4 ID: 75189744308

Status: Answered

Chosen Option: 2

Q.61 In humans, the sex of the offspring is determined by the

Ans

× 1 autosomes

✓ 2. paternal chromosome

★ 3 maternal chromosome

* 4 both maternal and paternal chromosomes

Question ID: 7518974449

Option 1 ID: 75189717796 Option 2 ID: 75189717794

Option 3 ID: **75189717793** Option 4 ID: 75189717795

Status: Answered





Q.62 What do you call an economic contraction (recession) followed by an expansion?

Ans

★1 Balance of payment

X2 Adaptive Expectations

X4 Production function

Question ID: 7518978882 Option 1 ID: 75189735525 Option 2 ID: 75189735526 Option 3 ID: 75189735528 Option 4 ID: 75189735527

Status: Answered

Chosen Option : 4

Q.63 Study the following number arrangement and answer the question given below. All numbers given below are 2 digit numbers.

23 35 76 87 45 28 49 98 56 34 37 48 78 75 64 89 73

What will be the product of numbers that is third from the left end and fifth from the right end in the above series?

Ans

×1 2880

× 2. 4586

√ 3. 5928

X 4. 6525

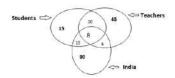
Question ID : **7518978993** Option 1 ID : **75189735970**

Option 2 ID : **75189735972** Option 3 ID : **75189735971** Option 4 ID : **75189735969**

Status : **Answered**



Q.64 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of



How many such students are there who are also teachers but NOT from India?

Ans

✓ 1. 10

X 2. 20

X 3. 12

X 4. 60

Question ID: 7518979828

Option 1 ID: 75189739309 Option 2 ID: 75189739311 Option 3 ID: 75189739310

Option 4 ID: 75189739312

Status: Answered

Chosen Option: 1

Q.65 If 2 is added to each odd digit and 2 is subtracted from each even digit in the number 5374816. What will be the product of the digits which are second from the left and second from the right in the new number thus formed?

Ans X 1. 28

√ 2. **15**

X 3. 3

X 4. 20

Question ID: 75189710947

Option 1 ID: 75189743787 Option 2 ID: 75189743788

Option 3 ID: 75189743786

Option 4 ID: 75189743785

Status: Answered





Q.66 Read the given statement and arguments carefully and select the appropriate answer from the given options.

Unemployment among youth has emerged as the biggest challenge in post-COVID-19 times.

- I. Many small-scale industries stopped working during the COVID period.
- II. People do not want to work in small scale industries.

Ans

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

Question ID: 75189711117 Option 1 ID: 75189744465 Option 2 ID: 75189744468 Option 3 ID: 75189744466 Option 4 ID: 75189744467

Status: Answered

Chosen Option: 3

Q.67 Which of the following carry/carries digested and absorbed fat from the intestine?

Ans

- X 1 Veins
- × 2. Plasma
- X 4. Platelets

Question ID: 7518977833 Option 1 ID: 75189731332 Option 2 ID: 75189731329 Option 3 ID: 75189731330

Option 4 ID: 75189731331 Status: Answered

Chosen Option: 3

Q.68 A dishonest shopkeeper sells goods at cost price but uses a weight of 940 gm for one kg. His gain percentage (rounded off to two decimal places) is:

- Ans X 1. 5.38%
 - X 2. 6.08%
 - X 3. 4.38%
 - 4. 6.38%

Question ID: 7518979250

Option 1 ID: 75189736997 Option 2 ID: 75189736998

Option 3 ID: 75189737000

Option 4 ID: 75189736999

Status: Answered





Q.69 The average age of a husband and his wife was 23 years at the beginning of their marriage. After 5 years of marriage, they had a one-year-old child. The average age of the family of three when the child was born was:

Ans

× 1. 20 years

× 3. 24 years

× 4. 23 years

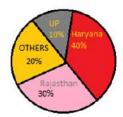
Question ID: 7518978755 Option 1 ID: 75189735019 Option 2 ID: 75189735020 Option 3 ID: 75189735017 Option 4 ID: 75189735018

Status : Answered

Chosen Option: 2

Q.70 Study the given pie chart and answer the question that follows.

The pie-chart shows the number of tourists visiting from different states. The total tourist traffic is 20 lakh.



Find the difference between the number of tourists visiting from Haryana and Rajasthan.

Ans

× 1 5 lakh

× 2. 3 lakh

× 3. 4 lakh

Question ID: 75189711082

Option 1 ID: 75189744328

Option 2 ID: **75189744325**

Option 3 ID: 75189744326

Option 4 ID: 75189744327

Status: Answered





Q.71 On 7 March 2022, the Ministry of Women and Child Development (MoWCD), in partnership with the Ministry of Education and UNICEF, launched a landmark campaign to bring back out of school adolescent girls in India to the formal education and/or skilling system. What is the name of this campaign?

Ans X 1. Kanya Pathshala Utsav

X 2. Kanya Pravesh Utsav

X 3. Kanya Shikhsan Utsav

4. Kanya Shikhsa Pravesh Utsav

Question ID: 7518979367 Option 1 ID: 75189737465 Option 2 ID: 75189737466 Option 3 ID: 75189737468 Option 4 ID: 75189737467

Status: Answered

Chosen Option : 4

Q.72 An object must be placed ______ to obtain a real and inverted image of the same size as that of the object after reflection.

Ans X 1 at infinity from a concave mirror

✓ 2. at C of a concave mirror
 X 3. between P and F of a convex mirror.

× 4. at C of a convex mirror

Question ID : 7518979467
Option 1 ID : 75189737865
Option 2 ID : 75189737868
Option 3 ID : 75189737866
Option 4 ID : 75189737867
Status : Answered

Chosen Option: 2

Q.73 A shopkeeper marked the price of an article at 10% higher than its cost price. He then gives two successive discounts of 5% each. What is his loss or profit percentage?

Ans × 1. 0.725% profit

√ 2. 0.725% loss

× 3. 0.525% loss

× 4. 0.525% profit

Question ID: 7518979954
Option 1 ID: 75189739815
Option 2 ID: 75189739813
Option 3 ID: 75189739814
Option 4 ID: 75189739816

Status : Answered



Q.74 The Norman Borlaug National Excellence Award is given for excellence in which research

Ans

- 1 Agricultural Sciences
- Physical Sciences
- X 3. Energy Sciences
- X 4. Chemical Sciences

Question ID: 7518973954
Option 1 ID: 75189715813
Option 2 ID: 75189715816
Option 3 ID: 75189715814
Option 4 ID: 75189715815

Status : Answered

Chosen Option: 4

Q.75 Which of the following reactions is NOT a combination reaction?

Ans

$$\times$$
 1. $H_2 + O_2 \rightarrow H_2O$

$$\times$$
 3. C + O₂ \rightarrow CO₂

$$✓$$
 4. HI → H₂ + I₂

Question ID: 75189710334 Option 1 ID: 75189741333 Option 2 ID: 75189741334 Option 3 ID: 75189741336 Option 4 ID: 75189741335

Status : Answered

Chosen Option: 3

Q.76 Jyoti starts from the mall and drives 4 km towards West. She then takes a left turn, drives 8 km, turns left and drives 24 km. She then takes a left turn and drives 6 km. She then turns left, drives 6 km and reaches her home. Which direction is the mall with reference to her home?

Ans

- ✓ 1. North- West
- × 2. South- east
- X 3. South West
- × 4. North

Question ID : **75189710888**

Option 1 ID : **75189743550** Option 2 ID : **75189743551**

Option 3 ID : **75189743552** Option 4 ID : **75189743549**

Status : Answered





Q.77 Which of the following is the correct period for which the Annual Budget 2021-22 of the Indian Government was announced?

Ans

X 1. 1 July - 30 June 2021-22

X 2. 1 November - 31 October 2021-22

× 4 31 March - 1 April 2021-22

Question ID: 7518978877
Option 1 ID: 75189735506
Option 2 ID: 75189735507
Option 3 ID: 75189735508
Option 4 ID: 75189735505
Status: Answered

Chosen Option: 3

Q.78 Which of the following compounds does NOT belong to the same homologous series?

Ans

X 1. C₅H₁₀

× 2. C₃H₆

Question ID: 7518973560
Option 1 ID: 75189714239
Option 2 ID: 75189714237
Option 3 ID: 75189714238
Option 4 ID: 75189714240
Status: Answered

Chosen Option: 4

Q.79 Which of the following coloured precipitates is formed when lead (II) nitrate and potassium iodide are mixed together?

Ans

✓ ¹. Yellow

× 2. Violet

X 3. Black

X 4. Green

Question ID: 75189710346 Option 1 ID: 75189741381 Option 2 ID: 75189741382 Option 3 ID: 75189741384 Option 4 ID: 75189741383

Status : Answered





Q.80 Three numbers are in the ratio 5:6:8 and their LCM is 1200. The sum of the numbers is:

Ans × 1. 180

X 2. 210

X 3. 200

4. 190

Question ID: 7518979220 Option 1 ID: 75189736880 Option 2 ID: 75189736877 Option 3 ID: 75189736878

Option 4 ID: 75189736879 Status: Answered

Chosen Option: 4

Q.81 Which of the following is the most environment-friendly method of disposing of organic wastes?

Ans

1. Composting

X 2. Incineration

X 3. Development of value-added products

× 4. Landfills

Question ID: 7518974478 Option 1 ID: 75189717911 Option 2 ID: 75189717910 Option 3 ID: 75189717912

Option 4 ID: 75189717909 Status: Answered

Chosen Option: 4

Q.82 An object is placed on the principal axis of a convex lens, at a point beyond 2F₁. Its image formed is

Ans

✓ 1 real and diminished

× 2. virtual and enlarged

× 3. real and enlarged

× 4. virtual and diminished

Question ID: 7518976624

Option 1 ID: 75189726493

Option 2 ID: 75189726496 Option 3 ID: 75189726495

Option 4 ID: 75189726494

Status: Answered





Q.83 Six friends M, N, O, P, Q and R are seated around a round table facing the centre. P is an immediate neighbour of both N and R. Q is an immediate neighbour of both M and O. N is not seated at either side of O. Where is M seated?

Ans

X 1. Beside R

X 2. Beside P

X 4. Beside O

Question ID: 7518979706 Option 1 ID: 75189738824 Option 2 ID: 75189738823 Option 3 ID: 75189738822 Option 4 ID: 75189738821 Status: Answered

Chosen Option: 3

Q.84 What is good way to get relief from leg muscle cramps after intense activity?

Ans

★ 1. Applying a pain reliever ointment

× 2. Rubbing legs with an ice-pack

X 4. Drinking warm sweet milk or tea

Question ID: 75189710093
Option 1 ID: 75189740370
Option 2 ID: 75189740369
Option 3 ID: 75189740371
Option 4 ID: 75189740372
Status: Answered

Chosen Option : 2

Q.85 If 19 November 2005 is a Saturday, then what will be the day of the week on 23 November 2008?

Ans

X 1. Tuesday

× 2. Friday

× 3. Wednesday

Question ID : **7518979150**Option 1 ID : **75189736600**

Option 2 ID: **75189736599**Option 3 ID: **75189736597**Option 4 ID: **75189736598**

Status : Answered





Q.86 Which of the following statements correctly describes water transport in plants?

The process by which water is pulled from the xylem cells of the roots into leaves is called translocation.

The process in which loss of water takes place in the form of water vapour through stomata is called transpiration.

X 3.

The process of water loss from stomata requires energy in the form of ATP.

The process which is the main driving force of water into the xylem during the day is root pressure.

Question ID: 7518977803 Option 1 ID: 75189731211 Option 2 ID: 75189731209 Option 3 ID: 75189731210 Option 4 ID: 75189731212 Status: Answered

Chosen Option: 2

Q.87 Three statements are given, followed by two conclusions numbered I and II. 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. Some apricots are peaches.
- 2. Some kiwis are apricots.
- 3. All apricots are sweet-limes.

Conclusions:

- I. Some sweet-limes are kiwis.
- II. No peach is sweet-lime.

- Ans X 1. Only conclusion II follows
 - ✓ 2. Only conclusion I follows
 - ★ 3. Both conclusions I and II follow
 - ★ 4 Either conclusion I or II follow

Question ID: 75189710783

Option 1 ID: 75189743130

Option 2 ID: 75189743129

Option 3 ID: 75189743132 Option 4 ID: 75189743131

Status: Answered





Q.88 J, L, N, P, R, T, V and W are sitting around a square table facing the centre of the table (but not necessarily in the same order). Some of them are sitting at the corners while some are sitting at the exact centre of the sides. Wis on the immediate left of J but not an immediate neighbour of P or R. T is on the immediate right of L. N has R and T as his immediate neighbours, V is immediate neighbour of R. Who is sitting to the immediate left of P?

Ans

X 1. L

✓ 2. J

X 3. V

× 4. R

Question ID: 75189710736

Option 1 ID: 75189742942 Option 2 ID: 75189742941 Option 3 ID: 75189742944 Option 4 ID: 75189742943

Status: Marked For Review

Chosen Option: 2

Q.89 Neeraj and his sister are 12 years and 3 years old, respectively. After how many years will Neeraj's sister be half as old as Neeraj?

Ans X 1. 7

X 2. 9

3. 6

X 4. 3

Question ID: 75189710001

Option 1 ID: 75189740003 Option 2 ID: 75189740004 Option 3 ID: 75189740002 Option 4 ID: 75189740001

Status: Answered

Chosen Option: 3

Q.90 The LCM of 36, 48, 120 and 300 is:

Ans X 1. 1200

× 2. 1800

√ 3. 3600

× 4. 900

Question ID: 7518979916

Option 1 ID: 75189739662 Option 2 ID: 75189739663

Option 3 ID: 75189739664 Option 4 ID: 75189739661

Status: Answered





Shri Lal Bahadur Shastri National Sanskrit University is located in:

Ans X 1. Pune

× 2. Lucknow

× 3. Jaipur

✓ 4. New Delhi

Question ID: 75189710548 Option 1 ID: 75189742191 Option 2 ID: 75189742192 Option 3 ID: 75189742190 Option 4 ID: 75189742189

Status: Answered

Chosen Option: 2

Q.92 As per the Ministry of Mines, as of 2021, 44% of the country's primary gold ore reserves is in

✓ 1. Bihar

× 2. Rajasthan

X 3. Karnataka

4. Jharkhand

Question ID: 7518978573 Option 1 ID: 75189734292 Option 2 ID: 75189734289 Option 3 ID: 75189734290 Option 4 ID: 75189734291 Status: Answered

Chosen Option: 4

Q.93 Which of the following industries does NOT use washing soda?

Ans

X 1 Glass

× 2. Paper

X 3. Soap

√ 4. Cosmetic

Question ID: 75189710370

Option 1 ID: 75189741478 Option 2 ID: **75189741480** Option 3 ID: 75189741477

Option 4 ID: 75189741479 Status: Answered



Q.94 In electrical geyser _____ energy is converted to _____.

Ans

✓ 1. Electrical, heat

X 2 Electrical, magnetic

× 3. Mechanical, electrical

× 4. Electrical, light

Question ID: 7518979563 Option 1 ID: 75189738251 Option 2 ID: 75189738249 Option 3 ID: 75189738250 Option 4 ID: 75189738252 Status: Answered

Chosen Option: 1

Q.95 40 students of a class are standing in a queue according to the increasing order of their heights. Suhani is 8th from the front, while Syma is 8th from the back. How many students are standing between Suhani and Syma?

Ans X 1. 25

X 2. 21

X 3. 23

√ 4. 24

Question ID: 7518979713 Option 1 ID: 75189738852 Option 2 ID: 75189738849 Option 3 ID: 75189738850 Option 4 ID: 75189738851 Status: Answered

Chosen Option: 4

Q.96 The largest peninsular river in India is:

Ans

× 1. Cauvery

× 2. Narmada

√ 3. Godavari

X 4. Krishna

Question ID: 7518979432 Option 1 ID: 75189737727 Option 2 ID: 75189737728 Option 3 ID: 75189737726 Option 4 ID: 75189737725

Status: Answered



Q.97 Evaluate $0.\overline{696} \times 0.\overline{27}$.

Ans

× 1. <u>20</u>85 10989

√ 2. <u>20</u>88 10989

 \times 3. $\frac{2083}{10989}$

 \times 4. $\frac{2087}{10989}$

Question ID: 7518979909 Option 1 ID: 75189739634 Option 2 ID: 75189739636 Option 3 ID: 75189739633

Option 4 ID: 75189739635 Status: Answered

Chosen Option: 2

Q.98

The value of $\frac{(0.064) + (0.008)}{0.16 + 0.04 - 0.08}$ is _____

Ans × 1. 0.05

× 2. 1.4

√ 3. **0.6**

X 4. 2.7

Question ID: 75189710617 Option 1 ID: 75189742465 Option 2 ID: 75189742468 Option 3 ID: 75189742467 Option 4 ID: 75189742466 Status: Answered

Chosen Option: 3

Q.99 The Constitutional Amendment Act of 1992 was responsible for adding Part IX to the Constitution, 'The Panchayats'.

Ans X 1. 7th

× 2. 83rd

√ 3. 73rd

× 4. 74th

Question ID: 75189710501

Option 1 ID: 75189742001 Option 2 ID: 75189742004 Option 3 ID: 75189742002

Option 4 ID: 75189742003 Status: Answered





Q.100 The 'Lohit' is a tributary of which river from following?

Ans X 1. Indus

× 2. Narmada

🖋 3. Brahmaputra

× 4. Cauvery

Question ID: **75189710482**Option 1 ID: **75189741928**Option 2 ID: **75189741925**

Option 3 ID : **75189741927**Option 4 ID : **75189741927**

Status : Answered

Chosen Option : 2

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