

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



TREASURE .	
Roll Number	
Candidate Name	
Test Center Name	iON Digital Zone iDZ Ramireddipalle
Test Date	11/10/2022
Test Time	5:00 PM - 6:30 PM
Subject	Level 1

^{*} Note

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

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

Section: Level 1

Q.1 The voltages across three resistances R_1 , R_2 and R_3 connected in series are V_1 , V_2 and V_3 , respectively. What is the net voltage V across them if I represents the net current flowing through them?

Ans

1.
$$V = (1/V_1) + (1/V_2) + (1/V_3)$$

$$\times$$
 2. V = $(1/R_1) + (1/R_2) + (1/R_3)$

$$\checkmark$$
 3. $V = V_1 + V_2 + V_3$

$$\times$$
 4. $V = R_1 + R_2 + R_3$

Question ID: **75189713807** Option 1 ID: **75189755225** Option 2 ID: **75189755226**

Option 3 ID : **75189755228** Option 4 ID : **75189755227**

Status: Answered

Chosen Option: 3

Q.2 The best practice that is involved in biological waste disposal is:

Ans

√ ¹ incineration

× 2. reusing

× 3. recycling

× 4. open dumping

Question ID: 75189710270

Option 1 ID: **75189741080**

Option 2 ID : **75189741077** Option 3 ID : **75189741078**

Option 4 ID : **75189741079**

Status : Answered

- Q.3 Which of the following statements is/are true in case of an incandescent filament bulb?
 - (a) Filament can be made of tungsten or nichrome.
 - (b) The glass envelope covering the filament is filled with inactive gases such as nitrogen or argon.
 - (c) Since the filament used is thin, its resistivity is very low.
 - (d) The resistivity of the filament is low to allow more current.
 - (e) The filament material used should have high melting point.

Ans

- X 1. (c), (d), (e)
- √ 2. (a), (b), (e)
- × 3. (a), (c), (d)
- **X** 4. (b), (c), (d)

Question ID: 75189715102 Option 1 ID: 75189760408 Option 2 ID: 75189760407 Option 3 ID: 75189760405 Option 4 ID: 75189760406

Status : Answered

Chosen Option: 1

Q.4 Which is the apex governing body of air sports in India?

Ans

- ✓ 1. Air Sports Federation of India
- ★ 2. Ministry of Civil Aviation
- X 3. Ministry of Youth Affairs and Sports
- X 4. Aero Club of India

Question ID: 75189712571 Option 1 ID: 75189750281 Option 2 ID: 75189750282 Option 3 ID: 75189750283

Option 4 ID : **75189750284**Status : **Answered**

Q.5 The roots of the quadratic equation $x^2 - 6x + 5 = 0$ are:

$$\times$$
 2. -5, -1

Question ID: 75189713380 Option 1 ID: 75189753519 Option 2 ID: 75189753517 Option 3 ID: 75189753520 Option 4 ID: 75189753518

Status: Answered

Chosen Option: 1

Q.6 In 1955 a special committee known as the Karve Committee was constituted. This committee advised:

Ans

the promotion of small-scale industries for the purpose of rural development

× 2. the rapid export of cotton and fresh fruits

× 3. the promotion of the agriculture sector

X 4.

the promotion of large industries for the purpose of urban development

Question ID: 75189715447 Option 1 ID: 75189761785 Option 2 ID: 75189761788 Option 3 ID: 75189761787 Option 4 ID: 75189761786 Status: Not Answered

This question consists of a statement followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Eating frozen foods is advantageous.

- Frozen foods sometimes may have more vitamins and minerals compared to fresh food, because fresh foods lose vitamins and minerals over time while freezing preserves nutrients.
- Sodium present in frozen foods can lead to increased blood pressure level.

Ans ✓ 1 II weakens while I strengthens the statement

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

Question ID: 75189715324 Option 1 ID: 75189761294 Option 2 ID: 75189761296 Option 3 ID: 75189761293 Option 4 ID: 75189761295 Status: Answered

Chosen Option: 1

Q.8 If '+' means '-', '-' means '+', 'x' means '+', and '+' means 'x', what will come in place of the question mark (?) in the following equation?

 $15 - 8 + 7 + 6 \times 3 = ?$

Ans X 1. 12

X 2. 6

√ 3. **9**

X 4. 10

Question ID: 75189713071 Option 1 ID: 75189752284 Option 2 ID: 75189752281 Option 3 ID: 75189752283

Option 4 ID: 75189752282 Status: Answered

Q.9 In this question, the statement is followed by four conclusions. Find out which conclusion is true based on the given statement:

Statement: $N > W = E \ge D \le Y = P \le K$

Ans

$$\checkmark$$
 1. W \geq D

X 2. K≤Y

X 3. N < E

 \times 4. D > N

Question ID: 75189710809

Option 1 ID: **75189743235**

Option 2 ID: 75189743236

Option 3 ID : **75189743233**

Option 4 ID : **75189743234**Status : **Answered**

Chosen Option: 1

Q.10 Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

 $M\,N\,O_{-}\,M\,N_{-}\,M\,N_{-}\,P_{-}\,O\,P$

Ans

✓ 1. POPOMN

X 2. MNPOPP

X 3. NMPONM

4. POPOMM

Question ID: 75189711020

Option 1 ID: 75189744077

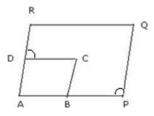
Option 2 ID : **75189744079**

Option 3 ID: **75189744080**

Option 4 ID: **75189744078**

Status: Answered

Q.11 In the given figure, ABCD and APQR are two parallelograms. If \angle APQ = 100°, find \angle CDR.



Ans × 1. 40°

√ 2. 80°

X 3. 100°

X 4. 36°

Question ID: 75189712100 Option 1 ID: 75189748398

Option 2 ID: 75189748397 Option 3 ID: 75189748399 Option 4 ID: 75189748400

Status : Answered

Chosen Option: 3

Q.12 Simplify the following.

$$\frac{(3x^2)^5}{(6x^{-2})^2}$$

Ans

$$\times$$
 1. $\frac{81x^{14}}{36}$

$$\checkmark$$
 2. $\frac{27x^{14}}{4}$

$$\times$$
 3. $\frac{81x^6}{36}$

$$\times$$
 4. $\frac{27x^6}{36}$

Question ID: 75189713253

Option 1 ID: 75189753009

Option 2 ID: 75189753011

Option 3 ID: 75189753012

Option 4 ID: 75189753010

Status: Answered

Q.13 Refer to the following number series and answer the question that follows.

4391539243595792687

How many such odd digits are there, each of which is immediately preceded by an even digit and also immediately followed by an odd digit?

Ans

✓ 1. Two

× 2. Three

X 3. One

× 4. Four

Question ID: 75189713933 Option 1 ID: 75189755730 Option 2 ID: **75189755731** Option 3 ID: 75189755729

Option 4 ID: 75189755732 Status : Answered

Chosen Option: 1

What is the discount percentage in the scheme of 'buy 5 get 3 free'?

Ans X 1. 60%

X 2. 39.25%

√ 3. 37.5%

X 4. 36.5%

Question ID: 75189714335

Option 1 ID: 75189757337 Option 2 ID: 75189757339 Option 3 ID: 75189757338 Option 4 ID: 75189757340

Status : Answered

Chosen Option: 3

Q.15 3 kg of apples and 4 kg of oranges cost ₹210, and 5 kg of apples and 2 kg of oranges cost ₹175. Find the cost of 1 kg of

Ans × 1. ₹37.5

√ 2. ₹20

X 3. ₹25

X 4. ₹35.7

Question ID: 75189713364

Option 1 ID: 75189753453 Option 2 ID: 75189753455 Option 3 ID: 75189753456

Option 4 ID: 75189753454 Status: Answered

Q.16 The HCF of 16, 20 and 24 is:

Ans 🗼 1. 4

X 2. 8

X 3. 2

X 4. 6

Question ID: 75189713276

Option 1 ID: 75189753104 Option 2 ID: 75189753103

Option 3 ID: 75189753101

Option 4 ID: 75189753102 Status: Answered

Chosen Option: 1

Q.17 During which of the following festivals is the Puli Kali (Tiger dance) event the main attraction?

Ans

✓ 1. Onam

X 2. Baisakhi

X 3. Bihu

× 4. Pongal

Question ID: 75189715410

Option 1 ID: 75189761637 Option 2 ID: 75189761640

Option 3 ID: 75189761639

Option 4 ID: 75189761638 Status: Answered

Chosen Option: 3

Q.18 If the length l of a room is reduced by 10% and breadth b is increased by 10%, then find the positive change in its perimeter.

Ans

✓ 1.
$$\frac{l-b}{5}$$

$$\times_2 \frac{2}{5}(l-b)$$

$$\times$$
 3. $\frac{2}{5}(l+b)$

$$\times$$
 4. $\frac{l+b}{5}$

Question ID: 75189711806

Option 1 ID: 75189747224

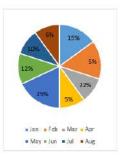
Option 2 ID: 75189747221

Option 3 ID: 75189747222

Option 4 ID: 75189747223

Status: Not Answered

Q.19 The given pie chart shows the percentage of expenditure on electricity by a family in different months. Study the chart and answer the question.



What is the central angle for the total expenditure on electricity in all the months together, EXCEPT May and August?

Ans

√ 1. 248.4°

× 2. 216.8°

× 3. 234.8°

X 4. 210.7°

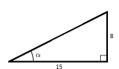
Question ID : **75189715209**

Option 1 ID: **75189760836** Option 2 ID: **75189760834** Option 3 ID: **75189760833**

Option 4 ID : **75189760835** Status : **Answered**

Chosen Option : 1

Q.20



In the given right-angled triangle, where the lengths of the sides given are in cm, find the value of $\cos \alpha + \cot \alpha$

Ans

$$\frac{333}{136}$$

Question ID: 75189713471

Option 1 ID : **75189753883** Option 2 ID : **75189753884**

Option 3 ID : **75189753881**

Option 4 ID: **75189753882**

Status : Answered

Q.21 Among the following situations, potential difference is induced in a closed conducting coil when:

Ans

either the bar magnet is moved towards the closed coil or the closed coil is moved towards the bar magnet

both the bar magnet and the closed coil are moving with same speed and in the same direction

- X 3. the closed coil is moved towards the bar magnet only
- × 4. a bar magnet is moved towards the closed coil only

Question ID: 75189715112 Option 1 ID: 75189760447 Option 2 ID: 75189760448 Option 3 ID: 75189760446 Option 4 ID: 75189760445 Status: Answered

Chosen Option: 1

Q.22 In order to make the simplification problem given below correct, which of the pairs of signs given in the options needs to be interchanged?

 $25 \div 5 = 2 \times 30 + 3 = 10$

Ans

 \checkmark 1. \div and +

 \times 2. \times and +

 \times 3. \times and -

 \times 4. \div and -

Question ID: 75189713246 Option 1 ID: 75189752984 Option 2 ID: **75189752983** Option 3 ID: 75189752982 Option 4 ID: 75189752981

Status: Answered

Chosen Option: 1

Burning of natural gas is:

Ans X 1 an endothermic reaction

√ 2 an exothermic reaction

× 3. a substitution reaction

× 4. a decomposition reaction

Question ID: 75189713943 Option 1 ID: 75189755770

Option 2 ID: 75189755769 Option 3 ID: 75189755772 Option 4 ID: 75189755771

Status: Answered

Ans	★ 1. 40 hours				
	× 2. 50 hours				
	× 3. 30 hours				
		Question ID : 75189714351 Option 1 ID : 75189757402 Option 2 ID : 75189757403 Option 3 ID : 75189757404 Option 4 ID : 75189757401 Status : Answered Chosen Option : 4			
Q.25	Bleaching powder is formed when dry slaked lime reac	ts with			
Ans	× ¹. bromine				
	✓ 2. chlorine				
	× ₃. hydrogen				
	★ 4. nitrogen				
		Question ID : 75189715151 Option 1 ID : 75189760604 Option 2 ID : 75189760603 Option 3 ID : 75189760602 Option 4 ID : 75189760601 Status : Answered Chosen Option : 2			
Q.26	6 G, K, M, P, S and V live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. G lives on floor number 3. Only one person lives between G and M. As many people live below K as above M. P lives immediately below S. How many people live above P?				
Ans	✓ 1. Two				
	× 2. Four				
	× 3. Three				
	× 4. One				
		Question ID : 75189715231 Option 1 ID : 75189760922 Option 2 ID : 75189760924 Option 3 ID : 75189760923 Option 4 ID : 75189760921 Status : Answered			

Chosen Option : 1

Q.24 A pipe can fill an empty tank in 15 hours, but due to a leakage at the bottom, it is filled in 20 hours. If the tank is full,

how long will the leakage take to empty it if no other entry or exit point in the tank is open?

Q.27 Which of the following numbers will replace the question mark (?) in the given series? 6, 6, 8, 24, 28, ? Ans

√ 1. 140

X 2. 32

X 3. 130

X 4. 112

Question ID: 75189713120 Option 1 ID: 75189752478 Option 2 ID: 75189752477 Option 3 ID: 75189752480 Option 4 ID: 75189752479 Status: Not Answered

Chosen Option: --

Q.28 While packing birthday caps for a party in packs of 8 or 10, one cap was always left out. How many caps were there if there were more than 250 but less than 300 caps in the lot?

Ans X 1. 275

X 2. 268

√ 3. 281

X 4. 261

Question ID: 75189712016 Option 1 ID: 75189748062 Option 2 ID: 75189748061 Option 3 ID: 75189748063 Option 4 ID: 75189748064 Status: Not Answered

Chosen Option: --

Q.29 Mangal walks 30 m north from his house, then he takes a right turn and walks 20 m. He then takes a right turn and walks 30 m, then turns left and walks 20 m, then he turns right and walks 10 m. Finally, he takes a right turn and walks 40 m. In which direction and how many metres is Mangal now from his house? (All turns are 90° turns only)

Ans × 1. 10 m, west

× 2. 20 m, east

X 3. 20 m, north

Question ID: 75189713115 Option 1 ID: 75189752458 Option 2 ID: 75189752457 Option 3 ID: 75189752459 Option 4 ID: 75189752460 Status: Answered

Q.30 In August 2022, Rameshbabu Praggnanandhaa, the 17-year-old Indian Chess master, defeated world champion Magnus
Carlsen in the last round of the FTX Crypto Cup in _____.

Ans

✓ 1. Miami

✓ 2. Austin

✓ 3. San Jose

Question ID : 75189712337 Option 1 ID : 75189749348 Option 2 ID : 75189749345 Option 3 ID : 75189749347 Option 4 ID : 75189749346 Status : Answered

Chosen Option: 4

Q.31 Which of the following is a Buddhist temple in India?

Ans

- ✓ 1. Mahabodhi Temple
- × 2. Vishwanath Temple

X 4. Boston

- X 3. Gorakhnath Temple
- × 4. Nidhivan Temple

Question ID : 75189715420 Option 1 ID : 75189761679 Option 2 ID : 75189761680 Option 3 ID : 75189761678 Option 4 ID : 75189761677

Status: Answered

Chosen Option : 1

Q.32 A sum was invested at a certain rate of simple interest per annum for 8 years. Had it been invested at a rate of simple interest per annum that is 8% higher than the rate at which the sum had been actually invested, it would have fetched ₹4,000 more as interest at the end of the 8-year period. What was the sum invested?

Ans

- √ 1. ₹6,250
- × 2. ₹6,750
- × 3. ₹6,925
- X 4 ₹6,500

Question ID : **75189712954** Option 1 ID : **75189751813**

Option 2 ID: **75189751815**Option 3 ID: **75189751816**Option 4 ID: **75189751814**

Status : Answered

Q.33 The SI unit of power of a lens is:

Ans X 1. joule

× 2. newton

× 4. metre

Question ID : **7518979519**Option 1 ID : **75189738074**

Option 2 ID : **75189738073** Option 3 ID : **75189738075** Option 4 ID : **75189738076**

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

Q.34 Which of the following languages has maximum number of speakers in India according to the Census 2011 data?

Ans X 1. Odia

✓ 2. Bengali

X 3. Kannada

× 4. Malayalam

Question ID: **75189713998**

Option 1 ID: **75189755991**Option 2 ID: **75189755989**Option 3 ID: **75189755990**

Option 4 ID : **75189755992**Status : **Answered**

Chosen Option: 2

Q.35 $aHNO_3(aq) + bCa(OH)_2(aq) \rightarrow Ca(NO_3)_2 + cH_2O$

The coefficients a, b and c in the given balanced chemical equation are:

Ans X 1. 2, 2 and 2, respectively

× 2 2, 1 and 1, respectively

× 4 1, 2 and 1, respectively

Question ID: 75189712771

Option 1 ID: **75189751084**

Option 2 ID : **75189751082**

Option 3 ID : **75189751081** Option 4 ID : **75189751083**

Status : Answered

Q.36 Refer to the following letter, number, symbol series and answer the question.

If all numbers are dropped from the series, which of the following will be seventh from the left?

Ans X 1. W

X 2. =

√ 3. R

X 4. *

Question ID: 75189713053
Option 1 ID: 75189752209
Option 2 ID: 75189752210
Option 3 ID: 75189752211
Option 4 ID: 75189752212
Status: Answered

Chosen Option: 3

Q.37 Which of the following events of modern Indian history is NOT correctly matched?

Ans 🛷 1. Dandi March by Mahatma Gandhi – 1910

2 Partition of Bengal by Lord Curzon – 1905

✗ 3 Quit India movement − 1942

¥ 4 Jallianwala Bagh massacre at Amritsar – 1919

Question ID: 75189715406
Option 1 ID: 75189761623
Option 2 ID: 75189761621
Option 3 ID: 75189761624
Option 4 ID: 75189761622
Status: Answered

Chosen Option : 1

Q.38 The power of an electric bulb of resistance 18 ohm if no voltage is applied across it is ______.

Ans $\sqrt{1.0}$ W

X 2. 18 W

× 3. infinity

X 4. 9 W

Question ID: 75189713844
Option 1 ID: 75189755373
Option 2 ID: 75189755374
Option 3 ID: 75189755376
Option 4 ID: 75189755375

Status : Answered

Q.39 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

15:4913::8:?::11:2197

Ans X 1. 1003

× 2. 1001

3. 1000

× 4. 1002

Question ID: 75189713703 Option 1 ID: 75189754811 Option 2 ID: 75189754810 Option 3 ID: 75189754809 Option 4 ID: 75189754812 Status: Answered

Chosen Option: 3

Find the mode for the following data of student ages:

 $16,\,17,\,15,\,17,\,16,\,15,\,14,\,14,\,13,\,17,\,13,\,12,\,12,\,16,\,10,\,14,\,17,\,10,\,11.$

Ans 🗙 1. 15

X 2. 16

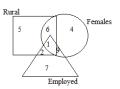
√ 3. **17**

X 4. 11

Question ID: 75189714363 Option 1 ID: 75189757452 Option 2 ID: 75189757450 Option 3 ID: 75189757451

Option 4 ID: 75189757449 Status: Answered

Q.41 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many rural females are there who are NOT employed?

Ans X 1. 3

X 2. 7

X 3. 1

√ 4. 6

Question ID: **75189713604** Option 1 ID: **75189754413**

Option 2 ID: **75189754414**Option 3 ID: **75189754415**Option 4 ID: **75189754416**

Status : Answered

Chosen Option: 4

Q.42 According to the NREGA 'At a Glance' report, the average MGNREGA wages paid in the financial year 2021-2022 remain at only ₹208.85 per day. What is the full form of MGNREGA?

Ans X 1.

Mahatma Gandhi National Rural Employer Guarantee Action

X 2. Mahatma Gandhi National Rural Employee Guarantee Act

X 3

Mahatma Gandhi National Rural Employment Guarantee Activity

4.

Mahatma Gandhi National Rural Employment Guarantee Act

Question ID: 7518978838

Option 1 ID : **75189735352** Option 2 ID : **75189735351**

Option 3 ID : **75189735350**

Option 4 ID: 75189735349

Status : Answered

Q.43 What is the full form of 'MICR' in MICR code?

Ans ★ 1 Marking Ink Character Recognition

✓ 2. Magnetic Ink Character Recognition

X 3. Magnetic Ink Character Reconstruction

X 4. Magnetic Ink Character Registration

Question ID: 75189712478 Option 1 ID: 75189749909 Option 2 ID: 75189749912 Option 3 ID: 75189749910 Option 4 ID: 75189749911 Status: Answered

Chosen Option: 2

Q.44 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

32 : 56 :: 52 : ? :: 42 : 66

Ans X 1. 75

X 2. 73

√ 3. **76**

× 4. 71

Question ID: 75189713694 Option 1 ID: 75189754774 Option 2 ID: 75189754776 Option 3 ID: 75189754775 Option 4 ID: 75189754773

Status: Answered

Chosen Option: 3

Q.45 Which of the following salts is an active ingredient in antacids?

× 2. Na₂CO₃

X 3. CaCl₂

X 4. CaOCl₂

Question ID: 75189712800 Option 1 ID: 75189751198

Option 2 ID: 75189751197 Option 3 ID: 75189751200 Option 4 ID: 75189751199

Status: Answered

Q.46 Which of the following numbers will replace the question mark (?) in the given series?

Ans X 1. 36

√ 2. **33**

13

21 27 31 ?

X 3. 35

X 4. 34

Question ID: 75189712702 Option 1 ID: 75189750805 Option 2 ID: **75189750808** Option 3 ID: 75189750807

Option 4 ID: 75189750806 Status: Answered

Chosen Option : 2

Q.47 There is a 20% discount on a dozen pairs of identical shoes marked at a combined price of ₹7,200. How many such pairs of shoes can be bought for ₹1,440?

Ans X 1. 4

X 2. 5

X 3. 2

√ 4. **3**

Question ID: 75189714331

Option 1 ID: 75189757322 Option 2 ID: 75189757321 Option 3 ID: 75189757324 Option 4 ID: 75189757323

Status : Answered

Chosen Option: 1

 ${f Q.48}$ The area of a triangle is 85 cm² and its base is 5 cm. Find the height of the triangle corresponding to this given base.

Ans X 1. 51 cm

√ 2. 34 cm

× 3. 24 cm

× 4. 17 cm

Question ID: 75189713391

Option 1 ID: 75189753564 Option 2 ID: 75189753561 Option 3 ID: 75189753562

Option 4 ID: 75189753563 Status: Answered

Q.49 Which NRI was awarded Padma Vibhushan in the field of Science and Engineering posthumously in 2022?

Ans

🗸 1. Sanjay Rajaram

× 2. Narinder Singh Kapany

X 3. Thiruvengadam Veeraraghavan

X 4. Rattan Lal

Question ID : 75189715485
Option 1 ID : 75189761939
Option 2 ID : 75189761938
Option 3 ID : 75189761940
Option 4 ID : 75189761937
Status : Answered

Chosen Option: 1

Q.50 If yesterday was Monday, then which day of the week it will be after 89 days from today?

Ans

1. Sunday

× 2. Saturday

× 3. Monday

X 4. Tuesday

Question ID: 75189713571
Option 1 ID: 75189754281
Option 2 ID: 75189754284
Option 3 ID: 75189754282
Option 4 ID: 75189754283
Status: Answered

Q.51	From the following, identify the applications of scattering of light.				
	(a) Danger signals being red				
	(b) Advanced sun rise and delayed sun set				
	(c) Twinkling of stars				
	(d) Tyndall effect				
	(e) Redness of sun and blueness of sky				
Ans	\times 1. (b), (c), (d)				
	× 2. (c), (d), (e)				
	× 3. (a), (b), (c)				
	Question ID : 75189715099 Option 1 ID : 75189760394 Option 2 ID : 75189760395 Option 3 ID : 75189760393 Option 4 ID : 75189760396 Status : Answered Chosen Option : 2				
Q.52	Meristematic tissue cells lack				
Ans	× 1. cytoplasm				
	× 2. nucleus				
	× 3. cell wall				

√ 4. vacuoles

Question ID : 7518974342
Option 1 ID : 75189717366
Option 2 ID : 75189717367
Option 3 ID : 75189717365
Option 4 ID : 75189717368
Status : Answered

A galvanometer when connected in a circuit, detects the presence of:

Ans 🛷 1. Current

× 2. Frequency

X 3. Resistance

× 4. Potential difference

Question ID: 75189714115 Option 1 ID: 75189756457 Option 2 ID: 75189756460 Option 3 ID: 75189756459 Option 4 ID: 75189756458 Status: Answered

Chosen Option: 1

Q.54 Padma Vibhushan award of 2022 has not been given in which of the following fields?

Ans X 1. Art

✓ 2. Trade and Industry

X 3. Civil Service

X 4. Literature and Education

Question ID: 75189715487 Option 1 ID: 75189761946 Option 2 ID: 75189761948 Option 3 ID: 75189761945 Option 4 ID: 75189761947 Status : Answered

Chosen Option: 3

Q.55 Seven people - B, D, F, K, M, Q and W are sitting in a straight line facing North. D sits second from one of the extreme ends of the line. Only two people sit between D and F. M sits fourth to the right of F. Q sits second to the right of W. K is not an immediate neighbour of W.

How many people sit to the left of B?

Ans X 1. Three

√ 2. None

X 3. Two

X 4. One

Question ID: 75189715222 Option 1 ID: 75189760886 Option 2 ID: 75189760887 Option 3 ID: 75189760888 Option 4 ID: 75189760885

Status: Answered

Q.56 Which group of organisation/institutes is an example of Constitutional bodies in India?

Ans X

National Human Right Commission, National Commission for Minorities, Election Commission of India

X 2

Comptroller and Auditor General of India, National Human Rights Commission, Election Commission of India

√ 3.

Election Commission of India, Attorney General of India, Union Public Service Commission

X 4.

National Commission of India, Securities and Exchange Board of India, Attorney General of India

Question ID: 75189714017 Option 1 ID: 75189756066 Option 2 ID: 75189756068 Option 3 ID: 75189756065 Option 4 ID: 75189756067 Status: Answered

Chosen Option: 1

Q.57 A and B can do a piece of work in 28 days and 35 days, respectively. They work on alternate days starting with A till the work gets completed. How long (in days) would it take A and B to complete the work?

Ans

$$\times$$
 2. $31\frac{1}{2}$

Question ID : 75189714350 Option 1 ID : 75189757399 Option 2 ID : 75189757400 Option 3 ID : 75189757397 Option 4 ID : 75189757398

Status: Answered

Chosen Option: 3

Q.58 How many elements exist in nature according to Newlands law of octaves?

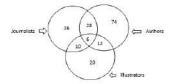
Ans

Question ID : 75189710382

Option 1 ID: 75189741527 Option 2 ID: 75189741525 Option 3 ID: 75189741526 Option 4 ID: 75189741528

Status : Answered

Q.59 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many such authors are there who are also illustrators but are NOT journalists?

Ans

√ 1. 12

× 2. 28

X 3. 18

X 4. 54

Question ID: 75189713035

Option 1 ID : **75189752139** Option 2 ID : **75189752138**

Option 3 ID: **75189752137** Option 4 ID: **75189752140**

Status : Answered

Chosen Option: 1

Q.60 Orchidarium and the orchid production unit on the premises of the Institute of Bioresources and Sustainable Development (IBSD), is coming up in the state of ______ which has about 300 of the world's 17,000 species of orchids.

Ans

X 1 Arunachal Pradesh

✓ 2. Meghalaya

X 3. Himachal Pradesh

X 4. Uttarakhand

Question ID : **75189712414** Option 1 ID : **75189749654**

Option 2 ID : **75189749655** Option 3 ID : **75189749653**

Option 4 ID : **75189749656**Status : **Not Answered**

Chosen Option : --

Q.61



In the given figure, triangle ABC is similar to triangle ADE. If the area of triangle ADE = 18 cm², then the area of triangle ABC is:

Ans

✓ 1. 50 cm²

× 2. 45 cm²

× 3. 55 cm²

× 4. 90 cm²

Question ID: 75189713456 Option 1 ID: 75189753823 Option 2 ID: 75189753821 Option 3 ID: 75189753824 Option 4 ID: 75189753822

Status: Answered

Chosen Option: 1

Q.62 Which of the following vessels carries blood away from the heart to various organs of the body, except the lungs?

Ans

✗¹ Pulmonary artery

√ 2. Aorta

✗ 3. Pulmonary vein

X 4. Vena cava

Question ID: **7518977832** Option 1 ID: 75189731326 Option 2 ID: 75189731328 Option 3 ID: 75189731327 Option 4 ID: 75189731325 Status: Answered

Chosen Option: 2

Q.63 Avinash's age is 5 times his son Aravind's age. Four years hence, the age of Avinash will be four times Aravind's age. Find the average of their present ages.

Ans X 1. 30 years

× 2. 24 years

× 3. 28 years

Question ID: 75189714393 Option 1 ID: 75189757570 Option 2 ID: 75189757571 Option 3 ID: 75189757572 Option 4 ID: 75189757569

Status: Answered

Q.64 Five boxes containing different items, namely scales, pens, tapes, erasers and pencils, are kept one above the other, not necessarily in the same order. The box with pens is on the topmost position. The box with erasers is the only box between the boxes with pencils and scales. There is only one box below the box with scales and that is the box with tapes. Which box is immediately below the box containing pencils?

Ans 1. Erasers

× 2. Scales

× 3. Tapes

X 4. Pens

Question ID: 75189714180
Option 1 ID: 75189756719
Option 2 ID: 75189756717
Option 3 ID: 75189756718
Option 4 ID: 75189756720

Status: Not Answered

Chosen Option: --

Q.65 How many number of bonds do the single carbon atom form?

Ans × 1. 1

X 2. 2

X 3. 3

√ 4. **4**

Question ID : **75189714994**Option 1 ID : **75189759976**Option 2 ID : **75189759975**Option 3 ID : **75189759974**Option 4 ID : **75189759973**

Status: Answered

Chosen Option: 4

Q.66 The average age of Yamuna and her daughter, Sathvika, is 21 years. The ratio of their ages is 5 : 2. Find the age of Sathvika.

Ans X 1. 10 years

× 3. 17 years

× 4. 15 years

Question ID : **75189714392**

Option 1 ID : **75189757565** Option 2 ID : **75189757568** Option 3 ID : **75189757567**

Option 4 ID : **75189757566**Status : **Answered**

Q.67 Mohan, Meena and Madhav enter into a partnership investing ₹3,000, ₹2,000 and ₹5,000 respectively. Find their respective shares in the annual profit of ₹5,600 in the given order of the names mentioned here.

Ans × 1 ₹1,752, ₹1,168, ₹2,680

√ 2. ₹1,680, ₹1,120, ₹2,800

× 3. ₹1,480, ₹1,320, ₹2,800

X 4. ₹1,680, ₹1,240, ₹2,680

Question ID: 75189714314
Option 1 ID: 75189757255
Option 2 ID: 75189757256
Option 3 ID: 75189757253
Option 4 ID: 75189757254
Status: Answered

Chosen Option : 2

Q.68 Match the mountain ranges in column-A with their states in column-B.

Column-A (Mountain range)	Column-B (State)
a. Aravali mountain	Himachal Pradesh and Uttarakhand
b. Vindhya range	Kerala and Karnataka
c. Western ghat	3. Rajasthan
d. Himalaya range	4. Madhya Pradesh

Ans X 1. a-1, b-2, c-3, d-4

× 2. a-4, b-3, c-1, d-2

✓ 3. a-3, b-4, c-2, d-1

X 4 a-4, b-3, c-2, d-1

Question ID: 75189715458 Option 1 ID: 75189761829 Option 2 ID: 75189761832 Option 3 ID: 75189761831 Option 4 ID: 75189761830

Status : Answered

If $K + \frac{1}{K} = -2$, then the value of $K^3 + \frac{1}{K^2}$ is:

Ans **×** 1. −3

√ 2. **−2**

X 3. −4

X 4. −1

Question ID: 75189714371 Option 1 ID: 75189757483 Option 2 ID: 75189757482 Option 3 ID: 75189757484 Option 4 ID: 75189757481

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

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

STUDENT: HGFWVMG:: TEACHER: GVZXSVI:: SCHOOL:?

Ans X 1. SLOLXH

X 2. HXSOLL

X 4. XSHLLO

Question ID: 7518979767 Option 1 ID: 75189739067 Option 2 ID: 75189739068 Option 3 ID: 75189739066 Option 4 ID: 75189739065

Status : Answered

Chosen Option: 3

Q.71 Which of the following with respect to the Modern Periodic Table is NOT correct?

Ans X 1.

The elements present in the same group have same number of valence electrons.

2. It has 18 groups and 7 periods.

3

Na, Mg and S belongs to the 4th period of the Modern Periodic Table.

× 4. The number of shells increases as we go down the group.

Question ID : 75189713954

Option 1 ID: 75189755814 Option 2 ID: 75189755813 Option 3 ID: 75189755816 Option 4 ID: 75189755815

Status : Answered

Q.72 If '+' means '-', '-' means '+', 'x' means '+', and '+' means 'x', what will be the value of the following expression?

 $[\{(6 \times 9) + (3 \div 2)\} - (7 + 4)] \div 2$

Ans

√ 1. 6

X 2. 8

X 3. 4

X 4. 2

Question ID: 75189714573

Option 1 ID : **75189758291** Option 2 ID : **75189758292** Option 3 ID : **75189758290**

Option 4 ID : **75189758289** Status : **Answered**

Chosen Option : 1

Q.73 Which statement regarding molecular movement (living character) of viruses is correct?

Ans

- × 1. Viruses do not respire.
- X 2. A virus does not grow in an artificial medium.
- Metabolism is absent in viruses.

Question ID: 75189714813

Option 1 ID : **75189759252** Option 2 ID : **75189759249** Option 3 ID : **75189759251**

Option 4 ID : **75189759250**

Status : Answered

Chosen Option: 3

- Q.74 Ravi starts from Point A and drives 8 km towards the west. He then takes a left turn, drives 5 km, turns left and drives 19 km. He then takes a right turn and drives 2 km. He takes a final right turn, drives 11 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)
- Ans
- √ 1. 7 km towards the north
- × 2. 2 km towards the north
- × 3. 5 km towards the south
- × 4. 3 km towards the south

Question ID: 75189715369

Option 1 ID: 75189761473

Option 2 ID : **75189761474**

Option 3 ID : **75189761476**

Option 4 ID: 75189761475

Status : Answered

Q.75 What would have happened if Mendel had NOT studied the F2 generation?

Ans

- 1. He would not have discovered which traits were dominant
- X 2. He would not have been able to get hybrid plants

He would not have discovered that recessive traits are not lost

× 4. He would not have been able to study multiple characters

Question ID: 75189712294 Option 1 ID: 75189749173 Option 2 ID: 75189749175 Option 3 ID: 75189749174 Option 4 ID: 75189749176 Status: Answered

Chosen Option: 4

Q.76 Seven people A, B, D, E, G, H and K are sitting in a straight line facing the north. E is sitting at an extreme end of the line. B is an immediate neighbour of E. Only three people are sitting between A and E. A is sitting second to the right of G. H is neither an immediate neighbour of A nor B. K is sitting second to the right of D. How many people are sitting to the right of K?

- Ans X 1. Three
 - X 2. Two

 - X 4. Zero

Question ID: 75189713932 Option 1 ID: 75189755725 Option 2 ID: 75189755726 Option 3 ID: 75189755727

Option 4 ID: 75189755728 Status: Answered

Chosen Option: 3

If K is the mean of 2, 3, 4, K, then the mode is:

- Ans X 1. 4
 - X 2. 2
 - **√** 3. **3**
 - X 4. 1

Question ID: 75189714364

Option 1 ID: 75189757456 Option 2 ID: 75189757454 Option 3 ID: 75189757455

Option 4 ID: 75189757453 Status : **Answered**

Q.78 Refer to the given letter-cluster series and answer the question that follows.

AKMG, RTDC, WQCT, PILE, VTXF, HRXW

If in each of the letter-clusters, each letter is changed to the next letter in the English alphabetical order, how many letter-clusters thus formed will have exactly two vowels?

Ans

√ 1. 1

X 2. 0

X 3. 3

X 4. 2

Question ID: 75189713099

Option 1 ID: 75189752394 Option 2 ID: 75189752393 Option 3 ID: 75189752396

Option 4 ID: 75189752395 Status : Answered

Chosen Option: 1

One of the following is NOT a bacterial disease?

Ans X 1. Gonorrhoea

√ 2. AIDS

×3. Syphilis

X 4. Tuberculosis

Question ID: 75189715145

Option 1 ID: 75189760577

Option 2 ID: 75189760578 Option 3 ID: 75189760579

Option 4 ID: 75189760580

Status: Answered

Q.80 Observe the given pattern and the find the missing number.

$$22^2 = 484$$

$$202^2 = 40804$$

$$2002^2 = 4008004$$

$$20002^2 = \dots$$

Ans X 1. 400800400

× 2. 2000220002

× 3. 4840000

√ 4. 400080004

Question ID: 75189713255

Option 1 ID: **75189753018**

Option 2 ID : **75189753020** Option 3 ID : **75189753017**

Option 4 ID : **75189753019**

Status : Answered

Chosen Option: 4

Q.81 Which of the following is NOT among the groups organised by microfinance institutions in India?

Ans X 1. Joint Liability Group (JLG)

✓ 2. Urban Model Bank

✗ 3. Self Help Group (SHG)

★ 4 Grameen Model Bank

Question ID: 75189715434

Option 1 ID: 75189761733

Option 2 ID: 75189761736

Option 3 ID: **75189761734**

Option 4 ID: **75189761735**

Status: Not Answered

Q.82 object is placed_____ to obtain an inverted and enlarged image.

Ans X 1. at infinity from concave mirror

× 2. at infinity from convex mirror

X 4 between C and F of convex mirror

Question ID: 7518979464 Option 1 ID: 75189737853 Option 2 ID: 75189737854 Option 3 ID: **75189737855** Option 4 ID: 75189737856

Status : Answered

Chosen Option: 3

Q.83 Study the given table and answer the following question.

	Number of words translated			
8	Monday	Tuesday	Wednesday	
Puneet	548	581	628	
Mohit	696	684	692	

If ₹2 was paid for the translation of one word, what was the total amount received by Puneet and Mohit on Monday?

Ans

1. ₹2,488

× 2. ₹2,966

× 3. ₹2,312

× 4. ₹2,916

Question ID: 75189712750 Option 1 ID: 75189750997

Option 2 ID: 75189750998 Option 3 ID: 75189750999 Option 4 ID: 75189751000

Status : Answered

Q.84 The base of the right-angled triangle is 3 m greater than its height. If its hypotenuse is 15 m, then find its area.

Ans

× 1. 84 m²

× 2. 64 m²

× 3. 72 m²

✓ 4. 54 m²

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

Option 4 ID : **75189757677**Status : **Answered**

Chosen Option: 4

Q.85 Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

Statements:

Some eggs are wheats

Some fruits are guavas

All guavas are lemons

Conclusions:

(I) Some fruits are wheats

(II) Some lemons are fruits

(III) Some eggs are guavas

Ans

X 1. Only conclusion I follows

Either conclusion I or III follows

✓ 3. Only conclusion II follows

X 4. None of the conclusions follow

Question ID : **75189714522** Option 1 ID : **75189758085** Option 2 ID : **75189758087**

Option 3 ID : **75189758086** Option 4 ID : **75189758088**

Status: Answered

Q.86 Some bacteria are photosynthetic. Where are the photosynthetic pigments located in these cells?

Ans X 1. On special membranes

✓ 2. In the infolding of the plasma membrane

× 3. In chloroplasts

× 4. In the cell cytoplasm

Question ID: 75189712262
Option 1 ID: 75189749047
Option 2 ID: 75189749045
Option 3 ID: 75189749046
Option 4 ID: 75189749048

Status : **Answered** Chosen Option : **4**

Q.87 As of August 2022, the Maintenance and Welfare of Parents and Senior Citizens Act of which year governs the financial security, welfare and protection of senior citizens?

Ans X 1. 2002

× 2. 2014

3. 2007

× 4. 2005

Question ID: 75189711090
Option 1 ID: 75189744357
Option 2 ID: 75189744360
Option 3 ID: 75189744359
Option 4 ID: 75189744358
Status: Not Answered

Chosen Option: --

Q.88 If $i = \frac{7}{3}j$ and $j = \frac{4}{5}k$, then the ratio of i : j : k is:

Ans X 1. 28:4:15

√ 2. 28:12:15

X 3. 7:12:5

X 4. 21:12:20

Question ID: 75189714317 Option 1 ID: 75189757265 Option 2 ID: 75189757267 Option 3 ID: 75189757266 Option 4 ID: 75189757268

Status : Answered

Q.89 In a certain code language, 'FRAME' is written as 'HPCKG', and 'PEACH' is written as 'RCCAJ'. How will 'BROOM' be written in that language?

Ans X 1. CPPMO

✓ 2. DPQMO

X 3. DTQQO

× 4. APQNO

Question ID: 75189715363
Option 1 ID: 75189761452
Option 2 ID: 75189761449
Option 3 ID: 75189761450
Option 4 ID: 75189761451
Status: Answered

Chosen Option : 2

Q.90 Which of the following is NOT correctly matched?

Ans

✓ 1. Neem – Alpine region

X 2. Ficus – Malabar coast moist forests

X 3. Pine - Himalayan subtropical forest

X 4. Indian Sandalwood – Deciduous forests of Deccan Plateau

Question ID : 75189715467 Option 1 ID : 75189761867 Option 2 ID : 75189761868 Option 3 ID : 75189761866 Option 4 ID : 75189761865 Status : Not Answered

Chosen Option: --

Q.91 Which of the following is NOT a body of the urban local body administration?

Ans X 1 Municipality

X 2. Nagar Panchayat

X 3. Municipal Corporation

Question ID: 75189715481
Option 1 ID: 75189761922
Option 2 ID: 75189761923
Option 3 ID: 75189761921
Option 4 ID: 75189761924
Status: Answered

Q.92 In which part of the Indian Constitution are the Fundamental Rights explained?

Ans X 1. Part IV

✓ 2. Part III

X 3. Part V

X 4. Part VI

Question ID: 75189710600 Option 1 ID: 75189742398 Option 2 ID: 75189742397 Option 3 ID: 75189742399 Option 4 ID: 75189742400 Status: Answered

Chosen Option: 1

Q.93 What are the four factors of production?

Ans X1 Capital, transportation, excise duty and entrepreneurship

X 2. Labour, transportation, excise duty and entrepreneurship

✗ 3. Man power, transportation, excise duty and import

✓ 4. Land, labour, capital, and entrepreneurship

Question ID: 75189715440
Option 1 ID: 75189761760
Option 2 ID: 75189761759
Option 3 ID: 75189761757
Option 4 ID: 75189761758
Status: Answered

Chosen Option: 4

Q.94 When a magnet is moved into a coil connected to a galvanometer, the current is induced in the coil. The induced current does not depend on which of the following factor?

Ans X 1. Number of turns of the coil

X 2. Speed of movement of the magnet

★ 4 The pole strength of the magnet

Question ID : **75189712203** Option 1 ID : **75189748812**

Option 2 ID: **75189748810**Option 3 ID: **75189748811**Option 4 ID: **75189748809**

Status : Answered

Q.95 A total of 50 students are in a row. Ankit is at the 19th position from the start of the row. What is the position of Ankit from the end of the row?

Ans

× 1. 30th

× 2. 31st

√ 3. 32nd

X 4. 33rd

Question ID: 75189713181 Option 1 ID: 75189752721 Option 2 ID: 75189752722 Option 3 ID: 75189752723

Option 4 ID: 75189752724 Status: Answered

Chosen Option: 3

Q.96 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: $S \le T \le G \le M \le K \ge P \ge O$

Ans \times 1. K > O > S

 \times 2. $M \ge P \ge O$

X 3. O = S = T

√ 4. K > G > S

Question ID: 7518978228

Option 1 ID: 75189732912

Option 2 ID: 75189732910

Option 3 ID: 75189732911 Option 4 ID: 75189732909

Status: Answered

Chosen Option: 4

Q.97 What is the sum of the digits placed at the even places when counted from left to right in the number 479812356?

Ans × 1. 18

X 2. 26

√ 3. 22

X 4. 32

Question ID: 75189713659

Option 1 ID: 75189754636 Option 2 ID: 75189754633

Option 3 ID: 75189754634

Option 4 ID: 75189754635

Status: Answered

Q.98 Formation of slaked lime by the reaction of calcium oxide with water is an example of ...

Ans

- ★ 1 decomposition reaction
- × 2. endothermic reaction
- 3 displacement reaction
- ✓ 4. combination reaction

Question ID: 75189712777
Option 1 ID: 75189751108
Option 2 ID: 75189751106
Option 3 ID: 75189751107
Option 4 ID: 75189751105
Status: Answered

Chosen Option: 2

Q.99 Parts of which present state had evolved a local system of canal irrigation called 'kulhs' over 400 years ago?

Ans

- 1 Madhya Pradesh
- ✓ 2. Himachal Pradesh
- X 3. Uttar Pradesh
- ¥ 4. Jammu and Kashmir

Question ID: 75189710302
Option 1 ID: 75189741207
Option 2 ID: 75189741205
Option 3 ID: 75189741208
Option 4 ID: 75189741206
Status: Not Answered

Chosen Option : --

Q.100 In a certain code language, 'WORSE' is written as 'K#2&6' and 'STEAK' is written as '&@689'. How will 'THORN' be written in that language?

Ans

- √ 1. @5#27
- × 2. #5@86
- × 3. @5#86
- × 4. #5@27

Question ID: 75189715265 Option 1 ID: 75189761058 Option 2 ID: 75189761060 Option 3 ID: 75189761057 Option 4 ID: 75189761059

Status: Answered