

RRB GROUP - D SHIFT - 2 (16-09-2022)



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



(1.4-14-414)	
Roll Number	
Candidate Name	
Test Center Name	
Test Date	16/09/2022
Test Time	12:45 PM - 2:15 PM
Subject	Level 1

* Note

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

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

Section: Level 1

Q.1 Initially, how many languages were included in the 8th Schedule of the Indian Constitution?

Ans

✓ 1. 14

X 2. 10

X 3. 13

X 4. 12

Question ID : 75189710441 Option 1 ID : 75189741764 Option 2 ID : 75189741761 Option 3 ID : 75189741763 Option 4 ID : 75189741762 Status : Not Answered

Chosen Option: -

Q.2 Which Governor General of India devised the policy of Doctrine of Lapse?

An

✓ 1. Lord Dalhousie

➤ 2. Lord Canning

★ 3. Lord William Bentinck

× 4. Lord Ripon

Question ID : 7518979371

Option 1 ID : **75189737484**Option 2 ID : **75189737483**Option 3 ID : **75189737482**

Option 4 ID : **75189737481**Status : **Not Answered**



Q.3 Which of the following materials CANNOT be used to make a spherical lens?

★ 1. Clear glass

× 2. Water

X 3. Cellophane

✓ 4. Wood

Question ID: 75189711282 Option 1 ID: 75189745125 Option 2 ID: 75189745128 Option 3 ID: 75189745126 Option 4 ID: 75189745127 Status: Answered

Chosen Option : 4

Q.4 In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/symbol	*	2	@	5	٨	+	7	#	%	9
Letter code	J	P	A	F	D	N	R	K	M	Z

Conditions:

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

ii. If the first element is an odd number and the last, an even number, the first and last elements are to be coded as S. Which of the following will be the code for *9 @+2 ?

Ans X 1. PZANP

√ 2. PZANJ

X3. JZANP

X4. JZNAP

Question ID: **75189710883**

Option 1 ID: 75189743532

Option 2 ID: **75189743531**

Option 3 ID: **75189743530** Option 4 ID: 75189743529

> Not Attempted and Status : Marked For Review

Q.5 Which of the following is required for the breakdown of glucose in human cells to provide energy? Ans ★ 1 Hydrogen × 2. Nitrogen X 3. Carbon dioxide 4. Oxygen Question ID: 75189710336 Option 1 ID: 75189741344 Option 2 ID: 75189741343 Option 3 ID: 75189741341 Option 4 ID: 75189741342 Status: Answered Chosen Option: 3 Q.6 Which of the following numbers will replace the question mark (?) in the given series? 49, 60, 82, 115, 159, ? Ans √ 1. 214 × 2. 225 **X** 3. 187 **X** 4. 199 Question ID: 75189711242 Option 1 ID: 75189744966 Option 2 ID: 75189744967 Option 3 ID: 75189744965 Option 4 ID: 75189744968 Status: Answered Chosen Option: 1 Which of the following statements is INCORRECT about photosynthesis? Ans Photosynthesis is about Absorption of light energy by chlorophyll. Photosynthesis includes splitting of water molecules into hydrogen and oxygen Photosynthesis involves oxidation of carbon dioxide to carbohydrates **X** 4. Photosynthesis is about conversion of light energy to chemical energy Ouestion ID: 75189710146 Option 1 ID: 75189740581

Option 1 ID : 75189740581
Option 2 ID : 75189740583
Option 3 ID : 75189740584
Option 4 ID : 75189740582
Status : Mot Attempted and Marked For Review



Which among the following is the oldest and biggest amongst all the four Vedas?

Ans

- ✓ 1. Rig Veda
- X 2. Samaveda
- X 3. Atharva Veda
- ¥ 4. Yajur Veda

Question ID: 75189710454 Option 1 ID: 75189741814 Option 2 ID: 75189741813 Option 3 ID: 75189741816 Option 4 ID: 75189741815 Status: Answered

Chosen Option: 1

Q.9 This question is based on the five, three-digit numbers given below.

(Left) 648 545 317 653 476 (Right)

(Example: 697 - first digit = 6, second digit = 9, third digit = 7)

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

What will be the resultant if the second digit of the largest number is added to the first digit of smallest number?

- Ans X 1. 9
 - **X** 2. **7**
 - **X** 3. 11
 - **4.** 8

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

Option 4 ID: **75189736694** Status: Answered

Chosen Option: 4

Q.10 Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

 $18.96 + 12.96 + 15.16 - 17.89 \times 2.04 + 49.93 \div 5.1 = ?$

- Ans 🔀 1. 24
 - X 2. 23
 - X 3. 22
 - √ 4. 21

Question ID: 7518978327

Option 1 ID: 75189733308 Option 2 ID: 75189733307

Option 3 ID: 75189733306 Option 4 ID: 75189733305

Status : Not Attempted and Marked For Review

Q.11 Which tissue forms the walls of the renal tubules?

Ans X 1. Connective tissue

- X 2. Nervous tissue
- ✓ 3. Epithelial tissue
- Muscular tissue

 M

Question ID: 7518974401

Option 1 ID: **75189717603**

Option 2 ID: 75189717601

Option 3 ID: 75189717604

Option 4 ID: **75189717602**

Status: Answered Chosen Option: 4

Q.12 In this question, a group of letters is coded using symbols as per the table given below and the conditions which follow.

The correct combination of codes following the conditions is your answer.

Letters	G	T	Y	Н	O	R	P	I	С
Codes	(a)	>	٨	%	=	#	\$	+	<

- 1. If both the first and the last letters of the word are vowels, then both these letters will be coded as $\,\&\,$
- 2. If both the first and the last letters of the word are consonants, then both these letters will be coded as **

What will be the code for the word 'COPYRIGHT'?

Ans

Question ID: 75189710879

Option 1 ID: 75189743515

Option 2 ID: 75189743514 Option 3 ID: 75189743513

Option 4 ID: 75189743516

Status : Not Attempted and

Marked For Review

Q.13 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: M > N > O = P, Q < C = D < O

Ans

√ 1. Q ≤ M

 \times 2. C > M

X 3. **P** = **Q**

X 4. N < D

Question ID : 7518979737

Option 1 ID: **75189738948**Option 2 ID: **75189738945**Option 3 ID: **75189738947**

Option 4 ID : **75189738946** Status : **Answered**

Chosen Option: 1

 $^{ extsf{Q.14}}$ In which of the following compounds are ions NOT found?

Ans

X 1. NaBr

✓ 2. CH₄

X 3. **KBr**

X 4. NaCl

Question ID: 7518979596

Option 1 ID : **75189738384** Option 2 ID : **75189738381**

Option 3 ID : **75189738383** Option 4 ID : **75189738382**

Status: Answered

Chosen Option : ${\bf 2}$

Q.15

In February 2022, which Maharatna Company of the Government of India was awarded India's most trusted Public Sector Company award?

Ans

- ✓ ¹. Coal India Limited
- X 2. Hindustan Petroleum Corporation Limited
- ★ 3. Bharat Heavy Electricals Limited
- ★ 4. GAIL India

Question ID : **7518973875** Option 1 ID : **75189715498** Option 2 ID : **75189715500**

Option 2 ID : **75189715497**Option 3 ID : **75189715497**Option 4 ID : **75189715499**

Status : **Answered** Chosen Option : **1**

 $^{Q.16}$ Find the median from the following data.

Age in years	15-25	25-35	35-45	45-55	55-65	65-75	75-85
No. of patients	12	18	20	25	30	20	15

Ans

√ 1. 53

X 2. 55

X 3. 51

X 4. 57

Question ID: **7518979974**

Option 1 ID : **75189739894**

Option 2 ID: **75189739895**

Option 3 ID: **75189739893**

Option 4 ID : **75189739896**

Status : Not Attempted and Marked For Review

Q.17 Which of the following numbers will replace the question mark (?) in the given series? 8, 9, 64, 25, 216, ? Ans X 1. 125 **2.** 49 **X** 3. 72 × 4. 81 Question ID: 75189711064 Option 1 ID: 75189744254 Option 2 ID: 75189744256 Option 3 ID: 75189744255 Option 4 ID: **75189744253** Status: Answered Chosen Option : 2 Q.18 Which of the following initiatives of the Ministry of Minority Affairs received the prestigious India International Trade Fair, 2021 Silver Medal for strengthening commitment to 'Vocal for Local' in November of 2021? Ans X 1. ATAL Innovation Mission ★ 2. SAMRIDH Scheme ✓ 3. Hunar Haat X 4. ASPIRE Question ID: 75189710419 Option 1 ID: 75189741674 Option 2 ID: 75189741675 Option 3 ID: 75189741673 Option 4 ID: **75189741676** Status: Not Answered Chosen Option: -Q.19 The_ festival is celebrated in West Bengal, Assam and some other states of India and often coincides with the festival of Holi in the month of March. Ans ★ 1. Baishagu × 2. Rongker X 4. Bheldiya Question ID: **7518978522** Option 1 ID: 75189734086 Option 2 ID: 75189734087 Option 3 ID: 75189734088 Option 4 ID: 75189734085 Status: Not Answered Chosen Option : -



Q.20 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:

- 1. Some bracelets are rings.
- 2. Some bangles are bracelets.
- 3. All watches are bracelets.

Conclusions:

I-Some rings are bracelets.

II-Some bracelets are watches.

- ★ 1. Only conclusion II follows.
- ✓ 2. Both conclusions I and II follow.
- X 3. Only conclusion I follows.
- X 4. Neither conclusion I nor II follows.

Question ID: 75189711239 Option 1 ID: 75189744954 Option 2 ID: 75189744955 Option 3 ID: 75189744953 Option 4 ID: 75189744956

Status: Answered Chosen Option: 2

The value of $\sin x + \frac{\cos x}{\tan(90 - x)}$

- Ans X 1. cotx
 - × 2. 2cosecx
 - X 3. tanx
 - √ 4. 2sinx

Question ID: 75189710723 Option 1 ID: 75189742891 Option 2 ID: 75189742889 Option 3 ID: 75189742890 Option 4 ID: 75189742892

Status: Answered Chosen Option: 4

Q.22 Which Article of the Constitution of India deals with right to education? Ans X 1. Article 18 ✓ 2. Article 21A X 3. Article 19 X 4. Article 22 Question ID: 7518979441 Option 1 ID: 75189737764 Option 2 ID: 75189737762 Option 3 ID: 75189737763 Option 4 ID: 75189737761 Status: Answered Chosen Option: 2 Q.23 Mahesh withdrew ₹2,000 from a bank. He received a total of 32 notes of ₹50 and ₹100 denominations. The number of ₹50 notes received by him was: Ans × 1. 32 X 2. 16 **X** 3. 8 √ 4. 24 Question ID: 7518979996 Option 1 ID: 75189739984 Option 2 ID: **75189739982** Option 3 ID: 75189739981 Option 4 ID: 75189739983 Status: Answered Chosen Option: 4 Q.24 Calculate the current in a wire if 1200 C of charge passes through it in 10 minutes. Ans 🔀 1. 3 A X 2. 1.5 A √ 3. 2 A X 4. 4 A Question ID: 75189711362 Option 1 ID: 75189745448 Option 2 ID: 75189745447 Option 3 ID: 75189745446 Option 4 ID: 75189745445

Status: Answered Chosen Option: 3



Electrovalent compounds show conduction of electricity in:

Ans X 1. kerosene

× 2. solid state

✗ 3. petrol

Question ID: 7518979667 Option 1 ID: 75189738667 Option 2 ID: 75189738665 Option 3 ID: 75189738668 Option 4 ID: 75189738666 Status: Answered

Chosen Option: 4

Q.26 Five years from now, father's age will be three times the age of his son. Five years ago, father was seven times as old as his son. Their present ages are:

Ans X 1. 40 and 5

× 2. 30 and 10

X 3. 30 and 5

Question ID: 7518979292 Option 1 ID: 75189737167 Option 2 ID: 75189737168 Option 3 ID: 75189737166 Option 4 ID: 75189737165 Status : Not Attempted and Marked For Review

Chosen Option : -

Q.27 Town M is to the south of Town Z. Town C is to the east of Town Z. Town F is to the west of Town C. Town X is to the north of Town C. Town Z is to the west of Town F. What is the position of Town F with respect to Town M?

Ans

★ 1. South-East

✓ 2. North- East

X 3. West

× 4. North-West

Question ID: 7518979856 Option 1 ID: 75189739423

Option 2 ID: 75189739421 Option 3 ID: 75189739422 Option 4 ID: 75189739424

Status : Not Attempted and Marked For Review

Q.28 Refer to the following letter series and answer the question.

(Left) R E S I C X Z H G U K E W A T E Y M Q D F (Right)

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

Ans 🔀 1. Two

× 2. Three

× 4. One

Question ID: 75189710846 Option 1 ID: 75189743384 Option 2 ID: 75189743383 Option 3 ID: **75189743382** Option 4 ID: 75189743381 Status: Answered

Chosen Option: 3

Q.29 Which of the following gases is evolved when zinc granules are added to hydrochloric acid?

Ans

X 1. Cl₂

× 2. O₂

X 4. OCl₂

Question ID: 75189710348 Option 1 ID: 75189741389 Option 2 ID: 75189741390 Option 3 ID: **75189741392** Option 4 ID: 75189741391 Status : Answered

Chosen Option: 3

Q.30 The distance between the pole and the centre of curvature of a given concave mirror of focal length 0.5 m is:

Ans \times 1. 0.5 m

√ 2. 1.0 m

X 3. 0.75 m

X 4. 0.25 m

Question ID: 75189711139 Option 1 ID: **75189744553** Option 2 ID: **75189744555** Option 3 ID: **75189744556** Option 4 ID: 75189744554

Status: Answered Chosen Option: 2

Q.31 The sum of the digits of a two-digit number is 12. The number obtained by interchanging its digits exceeds the given

Ans

X 1. 27

√ 2. **57**

X 3. 67

× 4. 76

Question ID: 7518979289

Option 1 ID: **75189737153**

Option 2 ID: **75189737154**

Option 3 ID: **75189737155**

Option 4 ID: **75189737156**

Not Attempted and Status : Not Attempted
Marked For Review

Chosen Option : -

Q.32 Two trains having lengths of 200 m and 300 m are running at speeds of 100 km/h and 120 km/h, respectively, in the same direction. The time taken (in minutes) by the faster train, coming from behind, to completely cross the other train

Ans 🔀 1. 2

× 2. 0.5

√ 3. 1.5

X 4. 1

Question ID: 7518979959

Option 1 ID: 75189739836 Option 2 ID: 75189739833

Option 3 ID: 75189739835

Option 4 ID: 75189739834

Status : Not Attempted and Marked For Review

Chosen Option: -

Q.33 Which two numbers should be interchanged to make the following equation correct?

$$12 + 7 - (8 \div 4 - 5) \times 11 = 54$$

Ans X 1. 8 and 11

✓ 2. 12 and 11

X 3. 5 and 12

X 4. 8 and 7

Question ID: 7518978084

Option 1 ID: 75189732335 Option 2 ID: 75189732336

Option 3 ID: 75189732333 Option 4 ID: 75189732334

Status: Answered

Q.34 In a house, a TV set rated as 150 W is operated for 4 hours, and a 1500 W electric heater is operated for 25 minutes. The energy consumption values per day for the TV set and the electric heater are:

Ans

× 1. 500 W h and 525 W h, respectively

★ 3. 525 W h and 500 W h, respectively

× 4. 625 W h and 600 W h, respectively

Question ID: 75189711350 Option 1 ID: 75189745400 Option 2 ID: 75189745398 Option 3 ID: 75189745399 Option 4 ID: **75189745397** Status: Answered

Chosen Option: 2

Q.35 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.

15:2::255:4::624:?

Ans 🔀 1. 3

2. 5

X 3. 9

X 4. 8

Question ID: 75189711233 Option 1 ID: 75189744931

Option 2 ID: 75189744932 Option 3 ID: 75189744930 Option 4 ID: 75189744929

Status: Answered Chosen Option: 2

Q.36 A beam of light parallel to the principal axis of a convex mirror will:

Ans

X 1 diverge from pole

2 appear to diverge from F

4. converge at F

Question ID: 7518979478

Option 1 ID: 75189737911 Option 2 ID: 75189737912

Option 3 ID: 75189737910 Option 4 ID: 75189737909

Status: Answered

Q.37 The ratio of the lengths of two corresponding sides of two similar triangles is 2:1. The ratio of the areas of these two

- Ans X 1. 2:1
 - × 2. 3:1
 - **⊘**3. **4**:1
 - \times 4. $2\sqrt{2}:1$

Question ID: 75189710040 Option 1 ID: 75189740157 Option 2 ID: 75189740159 Option 3 ID: 75189740160 Option 4 ID: 75189740158 Status: Answered Chosen Option: 3

What will happen if the ozone layer becomes thinner?

- ★1. Amount of surface ozone will increase
- ★ 2. The ozone hole will close by redistribution
- ✓ 3. Cases of skin cancer will increase
- ★ 4. Temperature of Earth will increase

Question ID: 75189710128 Option 1 ID: 75189740511 Option 2 ID: 75189740512 Option 3 ID: 75189740509 Option 4 ID: 75189740510 Status: Answered Chosen Option: 4

Find the value of $(\frac{1}{2})^{-2} + (\frac{1}{3})^{-2} + (\frac{1}{4})^{-2}$. × 1. 13 • 2. 29 Q.39

- **X** 3. 21
- **X** 4. 25

Question ID: **7518979902** Option 1 ID: 75189739608 Option 2 ID: 75189739606 Option 3 ID: 75189739607 Option 4 ID: 75189739605 Status: Answered

Q.40 If 35% of x = 40% of y, then x : y is _____.

Ans 1.8:7

X 2. 9:8

X3.7:8

X4.8:9

Question ID: 75189710642

Option 1 ID: 75189742566 Option 2 ID: 75189742568

Option 3 ID: 75189742565 Option 4 ID: 75189742567

Status: Answered

Chosen Option: 1

Q.41 In February 2022, Atal Innovation Mission (AIM), NITI Aayog, and the US Agency for International Development (USAID) announced a new partnership under the SAMRIDH initiative. What is the full form of SAMRIDH?

Ans

Sustainable Access to Markets and Resources for Innovative Delivery of Healthcare

Sustainable Access to Markets and Resources for Innovative Designs of Healthcare

Sustainable Abilities to Markets and Resources for Innovative Delivery of Healthcare

Successful Access to Markets and Resources for Innovative Designs of Healthcare

Question ID: 7518978831

Option 1 ID: 75189735321 Option 2 ID: **75189735323**

Option 3 ID: 75189735322

Option 4 ID: 75189735324

Status: Not Answered

Chosen Option: -

Q.42 Which element does NOT belong to group number 11 in the Modern Periodic Table?

Ans

X 1. Ag

X 2. Au

X 3. Cu

Question ID: 7518979698

Option 1 ID: 75189738790

Option 2 ID: 75189738791

Option 3 ID: 75189738789 Option 4 ID: 75189738792

Status: Answered



Q.43 A shopkeeper purchased 70 kg of onions for ₹560 and sold the whole lot at the rate of ₹10 per kg. What will be his gain percentage?

Ans

√ 1. 25%

× 2. 17.5%

X 3. 20%

× 4. 28%

Question ID : 75189710658 Option 1 ID : 75189742631 Option 2 ID : 75189742629 Option 3 ID : 75189742632 Option 4 ID : 75189742630 Status : Answered

Chosen Option : 1

Q.44 If α , β are the roots of the quadratic equation $2x^2 - 3x - 35 = 0$, then the value of $\alpha^3 + \beta^3$ is:

Ans

🗙 1. $\frac{957}{8}$

 \times 2. $\frac{857}{8}$

× 3. $\frac{757}{8}$



Option 2 ID: **75189735098**Option 3 ID: **75189735099**Option 4 ID: **75189735100**

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

Q.45 Refer to the following number, symbol series and answer the question.

(Left) & % 7 4 @ 6 # & 2 # % 5 * (Right)

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

Ans

X 1. None

× 2. Three

✓ 3. One

X 4. Two

Question ID: **7518979847**

Option 1 ID: **75189739387**Option 2 ID: **75189739388**Option 3 ID: **75189739385**

Option 4 ID: 75189739386

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

Q.46 Study the following table and answer the question.

Goods	Profit (in lakhs)					
	2017	2019	2021			
Refrigerator	32	15	43			
Fan	47	26	54			
Television	28	32	62			
Mobile	61	45	47			

Which goods earned the maximum combined profit in the given three years, and by what percentage is the profit of the highest profitable goods more than the profit of the lowest profitable goods in the year 2019?

Ans

✓ 1. Mobile, 200%

× 2. Fan, 300%

X 3. Mobile, 300%

× 4. Fan, 200%

Question ID : 75189711258 Option 1 ID : 75189745029 Option 2 ID : 75189745030 Option 3 ID : 75189745031 Option 4 ID : 75189745032 Status : Answered

Chosen Option: 3

Q.47 Which of the following methods prevents or reduces wind erosion of soil in open areas?

Ans

★ 1. Covering up open areas with tiles or cement

× 2. Following crop rotation in agriculture

✓ 3. Using trees or large shrubs as fences for a garden

× 4. Using pots to grow vegetables at home

Question ID : 75189710134 Option 1 ID : 75189740536 Option 2 ID : 75189740535 Option 3 ID : 75189740533 Option 4 ID : 75189740534 Status : Answered

Q.48 Manish deposited a certain sum of money at 5% rate of interest per annum, compounded annually At the end of 3 years, Manish received a total amount of ₹92,610. What was the sum of money deposited by Manish?

Ans

1. ₹80,000

×2. ₹80,530

×3. ₹79,460

× 4. ₹82,610

Question ID: 7518979940 Option 1 ID: 75189739758

Option 2 ID: 75189739759 Option 3 ID: 75189739760

Option 4 ID: 75189739757 Status: Answered

Chosen Option: 1

Q.49 If the volume of a solid right circular cylinder is 198 m^3 and the radius of its base is 3 m, then its height (in m) is

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

Ans 🗼 1. 7

X 2. 9

X 3. 27

X 4. 6

Question ID: 75189710714 Option 1 ID: 75189742855

Option 2 ID: 75189742856 Option 3 ID: 75189742854 Option 4 ID: 75189742853

Status: Answered

Chosen Option: 1

Q.50 ZR 18 is related to UW 11 in a certain way. In the same way, YM 24 is related to TR 17. To which of the following is KJ 35 related following the same logic?

Ans X 1. GO 28

× 2. FP 27

X 3. GP 27

Question ID: 75189710903

Option 1 ID: 75189743611 Option 2 ID: 75189743610

Option 3 ID: 75189743612 Option 4 ID: 75189743609

Status : Not Attempted and Marked For Review

Q.51 Padma Shri 2022 awardee Vandana Kataria plays which of the following sports?

Ans

- √ 1. Hockey
- X 2. Badminton
- X 3. Wrestling
- X 4. Cricket

Question ID: 7518976464
Option 1 ID: 75189725853
Option 2 ID: 75189725855
Option 3 ID: 75189725856
Option 4 ID: 75189725854
Status: Not Answered

Chosen Option : -

Q.52 In an electric circuit, where 5 lamps are connected in series, if the power, voltage, current and resistance are represented by P, V, I and R, respectively, then which of the following relations holds true?

Ans

$$X$$
 1. $P = \frac{V}{R^2}$

$$\times$$
 2. $P = IR^2$

$$\times$$
 3. $p=V^2\times R$

4
 P = $I^{2}R$

Question ID : 75189711353 Option 1 ID : 75189745411 Option 2 ID : 75189745412 Option 3 ID : 75189745410 Option 4 ID : 75189745409 Status : Answered

Chosen Option : 4

Q.53 Why do many types of trees shed old leaves?

Ans

- ★ 1. Because a tree can support only a certain number of leaves
- × 2. Because the cells die due to old age of the tree
- 3. Because old leaves are broken off due to strong winds

Question ID: 75189710072

Option 1 ID : **75189740287**

Option 2 ID: **75189740285** Option 3 ID: **75189740288**

Option 4 ID : **75189740286**

Status : Answered

Q.54 Through which organ is air taken into the body of human beings?

Ans X 1. Bronchi

X 2. Alveoli

X 3. Wind pipe

✓ 4. Nostrils

Question ID: 7518977828
Option 1 ID: 75189731312
Option 2 ID: 75189731311
Option 3 ID: 75189731310
Option 4 ID: 75189731309

Status: Not Attempted and Marked For Review

Chosen Option : -

Q.55 Ramu is younger than Sunil by 8 years. If their present ages are in the ratio of 7:9, then how old is Ramu?

Ans 🕢 1. 28 years

× 2. 56 years

× 3. 72 years

× 4. 36 years

Question ID : 75189710704
Option 1 ID : 75189742816
Option 2 ID : 75189742813
Option 3 ID : 75189742814
Option 4 ID : 75189742815
Status : Answered
Chosen Option : 1

Q.56 If the resistivity of nichrome wire is $110 \times 10^{-9} \Omega$ m, its length is 5.5 m and its resistance is 22Ω , then the area of cross section is:

Ans \times 1. 3.4 \times 10⁻⁸ m^2

 \times 2. 275 × 10⁻⁷ m^2

 \checkmark 3. 2.75 × 10⁻⁷ m^2

 \times 4. 34 × 10⁻⁴ m^2

Question ID : 7518979552 Option 1 ID : 75189738207 Option 2 ID : 75189738205 Option 3 ID : 75189738206 Option 4 ID : 75189738208 Status : Answered

Q.57 Which of the following was used as a highway for foreign trade between India and Britain, as its opening in 1869 reduced the cost of transportation and made access to the Indian market easier?

✓ 1. Suez Canal

2. Panama Canal

X 3. Corinth Canal

X 4. White Sea- Baltic Sea Canal

Question ID: 75189710470 Option 1 ID: 75189741878 Option 2 ID: 75189741877 Option 3 ID: 75189741879 Option 4 ID: 75189741880 Status: Not Answered

Chosen Option: -

Q.58 Seven boxes X, Y, Z, A, B, C and D are kept one over the other but not necessarily in the same order. A is kept third from the bottom. Only one box is kept between A and X. Only three boxes are kept between B and D. B is kept at one of the positions above D. Y is kept immediately below Z. How many boxes are kept between C and A?

Ans X 1. One

X 2. Two

× 4. Four

Question ID: 7518979819 Option 1 ID: 75189739276 Option 2 ID: 75189739275 Option 3 ID: 75189739273 Option 4 ID: 75189739274 Status: Answered Chosen Option: 3

0.59 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(14, 336, 8)

(12, 324, 9)

Ans \times 1. (18, 478, 7)

× 2. (18, 368, 7)

× 3. (18, 398, 7)

4. (18, 378, 7)

Question ID: 7518979874 Option 1 ID: **75189739495** Option 2 ID: 75189739494 Option 3 ID: 75189739496 Option 4 ID: 75189739493

> Not Attempted and Status: Marked For Review

Q.60 Ravi's salary was first reduced by 50% and subsequently raised by 50%. How much lower was his final salary compared to his initial salary?

Ans

X 1. 21%

√ 2. **25%**

X 3. 32%

X 4. 24%

Question ID : 75189710638 Option 1 ID : 75189742549 Option 2 ID : 75189742551 Option 3 ID : 75189742552 Option 4 ID : 75189742550 Status : Answered

Chosen Option: 2

 $\textbf{Q.61} \quad \text{A certain number of persons are sitting in a row, facing North. G is sixth to the right of D.}$

G is an immediate neighbour of both H and E. C is to the immediate right to E. If no other person is sitting in the row, what is the total number of persons seated?

Ans

✓ 1. Nine

X 2. Ten

✗ 3. Eight

X 4. Eleven

Question ID : 75189710771 Option 1 ID : 75189743082 Option 2 ID : 75189743083 Option 3 ID : 75189743081 Option 4 ID : 75189743084 Status : Answered

Chosen Option: 1

Q.62 What is the main role of the State Finance Commission?

Ans

X 1

To secure the accountability of the executive to the Parliament in the sphere of financial administration.



To advise the government on the legal financial matters referred to it by the President.



The distribution and determination of the net proceeds of taxes, tolls and fees between the state and local bodies.



To look after the elections of the panchayats and municipalities and also provide fund for that elections.

Question ID : **7518978931** Option 1 ID : **75189735724**

Option 2 ID : **75189735723** Option 3 ID : **75189735721**

Option 4 ID : **75189735722**

Status : Not Attempted and Marked For Review



Q.63 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 pens are staplers. Some staplers are erasers. Some erasers are notebooks. Conclusions: (I) Some notebooks are pens. (II) Some erasers are pens. ★ 1. Only conclusion I follows ★ 2. Only conclusion II follows ✓ 3. Neither conclusion I nor II follows X 4. Both conclusions I and II follow Question ID: 75189711228 Option 1 ID: 75189744909 Option 2 ID: 75189744910 Option 3 ID: 75189744911 Option 4 ID : **75189744912** Status: Answered Chosen Option: 3 Q.64 What percentage of 1.5 lakh post offices is expected to come under the core banking system in year 2022? Ans × 1. 80% × 2. 85% X 3. 90% 4. 100% Question ID: 75189710457 Option 1 ID: 75189741825 Option 2 ID: 75189741826 Option 3 ID: 75189741827 Option 4 ID: 75189741828 Status: Not Answered Chosen Option: -Q.65 An object is placed in front of a concave lens at a distance d. An erect image of the object is formed at d/3. If the focal length of the lens is 15 cm, then d is equal to: Ans X 1. 25 cm √ 2. 30 cm X 3. 15 cm × 4. 20 cm Question ID: 75189711284 Option 1 ID: 75189745135 Option 2 ID: 75189745136 Option 3 ID: 75189745133 Option 4 ID: 75189745134



Status: Answered

Q.66

district is the smallest district in Tamil Nadu in terms of area (1672/Sq.Km).

Ans

X 1. Madurai

√ 2. Kanniyakumari

X 3. Vellore

X 4. Coimbatore

Question ID: 7518974078
Option 1 ID: 75189716310
Option 2 ID: 75189716311
Option 3 ID: 75189716312
Option 4 ID: 75189716309
Status: Not Answered

Chosen Option : -

Q.67 Which state had fielded a 396-member contingent, the largest at Khelo India Youth Games 2021 and competed in every sport?

Ans

X 1. Maharashtra

× 2. Assam

X 3. Odisha

4. Haryana

Question ID : 75189710402 Option 1 ID : 75189741605 Option 2 ID : 75189741608 Option 3 ID : 75189741606 Option 4 ID : 75189741607 Status : Answered

Chosen Option : 3

Q.68 Study the following table and answer the question given below

Name of the	Sale (in lakhs)				
Company	1999	2000	2001		
ACG	32	43	35		
TYD	61	52	29		
POD	54	25	36		
BKN	19	38	52		

Which company has the highest total sale value over the three years. What is the difference between the value of the highest combined sales and the lowest combined sales registered by any company from 1999 to 2001.

Ans

√ 1. TYD, ₹33,00,000

× 2. BKN, ₹33,00,000

× 3. TYD, ₹27,00,000

X 4. BKN, ₹27,00,000

Question ID : 75189711257 Option 1 ID : 75189745027 Option 2 ID : 75189745028 Option 3 ID : 75189745025 Option 4 ID : 75189745026 Status : Answered



Q.69 How many bytes are there in 1 kilobyte?

Ans

X 1. 1012 bytes

X 3. 1036 bytes

X 4. 1064 bytes

Question ID: 75189710516 Option 1 ID: 75189742064 Option 2 ID: 75189742062 Option 3 ID: 75189742061 Option 4 ID: 75189742063 Status: Answered

Chosen Option: 2

Q.70 What is the term used for a pricing method in which companies group several products together and sell them at a single

Ans

✓ 1. Bundle pricing

★ 2. Competitive pricing

X 3. Skimming pricing

★ 4. Premium pricing

Question ID : 75189710577
Option 1 ID : 75189742307
Option 2 ID : 75189742308
Option 3 ID : 75189742305
Option 4 ID : 75189742306
Status : Not Answered
Chosen Option : —

Q.71 Which of the following statements is INCORRECT with respect to coal and petroleum?

Ans

X 1. Their use leads to global warming.

× 2. They cause environmental pollution.

X 3

They have been formed by degradation of living organisms over millions of years.

✓ 4. These are unlimited resources on Earth.

Question ID: 7518977874
Option 1 ID: 75189731496
Option 2 ID: 75189731495
Option 3 ID: 75189731494
Option 4 ID: 75189731493
Status: Answered



Q.72 Six Human Rights conferences are planned in six cities- Mumbai, Delhi, Kolkata, Chennai, Lucknow and Bangalorebetween July to December in the same year (but not necessarily in the same order). Each conference was planned in a different month. Only the Delhi conference is planned between the Chennai and Bangalore conferences. The Chennai conference is in October. Only two conferences are planned before the Kolkata's conference. The Mumbai conference is immediately after the Lucknow conference. Which city will have the last conference in the year?

Ans X 1. Kolkata

X 2. Chennai

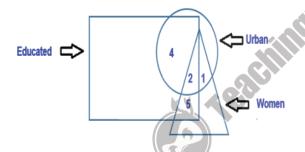
¾ 4. Mumbai

Question ID: 75189710760 Option 1 ID: **75189743039** Option 2 ID: **75189743038** Option 3 ID: 75189743037 Option 4 ID: 75189743040 Status: Answered

Chosen Option: 3

Q.73 Study the given diagram carefully and answer the question that follows.

The numbers in different sections indicate the number of people.



How many Women are Educated but NOT Urban?

Ans 🔀 1. 2

X 2. 4

√ 3. **5**

X 4. 7

Question ID: 75189711005 Option 1 ID: 75189744019 Option 2 ID: **75189744020** Option 3 ID: 75189744017

Option 4 ID: 75189744018 Status: Answered

Q.74 A straight conductor carrying current is kept along the axis of a closed circular loop of a conductor. If we change the direction of the current continuously in the straight conductor:

- ★ 1. induced current in the loop is zero
- ✓ 2. induced current in the loop is not constant
- ★ 3. induced current in the loop is negative
- ★ 4. induced current in the loop is constant

Question ID: 75189711181 Option 1 ID: 75189744722 Option 2 ID: 75189744724 Option 3 ID: 75189744723 Option 4 ID: 75189744721 Status: Answered

Chosen Option: 4

Q.75 Read the given statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Real education is an awakening of the mind.

Arguments:

- I. Academic achievement is the only indicator of real education.
- II. Human values reflect real education.

Ans

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

Question ID: 75189711129 Option 1 ID: 75189744515 Option 2 ID: 75189744513 Option 3 ID: 75189744514 Option 4 ID: 75189744516 Status: Answered

Chosen Option: 2

Q.76 The smallest natural number which is divisible by 8, 12, 28 and 36 is:

Ans X 1. 336

× 2. 168

3. 504

X 4. 252

Question ID: 7518979917 Option 1 ID: 75189739668 Option 2 ID: 75189739665 Option 3 ID: 75189739666 Option 4 ID: 75189739667

Status: Answered



The area (in cm²) of an equilateral triangle of side 3 cm is:

$$\sqrt{1} \cdot \frac{\sqrt{243}}{4}$$

$$\times$$
 2. $\frac{\sqrt{243}}{6}$

$$\times$$
 3. $\frac{\sqrt{243}}{3}$

$$\times$$
 3. $\frac{\sqrt{243}}{3}$ \times 4. $\frac{\sqrt{243}}{2}$

Question ID: 75189710015 Option 1 ID: Option 2 ID: Option 3 ID: Option 4 ID: Status: Answered

Chosen Option: 1

Simplify $(4pq + 3q)^2 - (4pq - 3q)^2$.

Ans
$$\times$$
 1. $24pq^2$

$$\times$$
 2. $48p^2q^2$

$$\times$$
 3. $24p^2q^2$

Question ID: 7518979979

Option 1 ID: **75189739915** Option 2 ID: 75189739913 Option 3 ID: 75189739916 Option 4 ID: 75189739914

Status: Answered Chosen Option: 4

 $\textbf{Q.79} \quad K,L,M,N,O \ \text{and} \ Q \ \text{are sitting in a straight line facing North (but not necessarily in the same order)}. \ \ \text{Only three}$ students are sitting between Q and N. M has K and L as his immediate neighbours. K is second to the right of O. L is second to the right of K. N is to the immediate right of L. Q is to the immediate right of O. Who among the following has K and O as his immediate neighbours?

Ans

- √ 1. Q
- X 2. N
- **X** 3. **M**
- X 4. L

Question ID: 75189710744 Option 1 ID: 75189742976 Option 2 ID: **75189742973** Option 3 ID: 75189742974 Option 4 ID: 75189742975

Status: Answered

Chosen Option: 1

Find the value of $\left[\left(\frac{5}{8}\right)^{-7} \times \left(\frac{8}{5}\right)^{-4} \times \left(\frac{1}{4}\right)^{-3}\right]^{-3}$

- \checkmark 1. $(\frac{5}{32})^9$
- × 3. $(\frac{32}{5})^9$ × 4. $(\frac{5}{4})^7$

Question ID: 7518979904

Option 1 ID: 75189739613 Option 2 ID: 75189739614

Option 3 ID: 75189739615

Option 4 ID: 75189739616 Status: Answered

Q.81 In the early days, classification of elements was attempted according to their:

- ✓ 1. properties
- × 2. abundance
- X 3. synthesis in a laboratory
- × 4. natural occurrence

Question ID: 7518979670 Option 1 ID: 75189738680 Option 2 ID: **75189738679** Option 3 ID: **75189738678** Option 4 ID: 75189738677 Status: Answered

Chosen Option : ${\bf 2}$

Q.82 Among four stalls, P, Q, R and S, S is 40 m to the north of R, P is 60 m to the east of R, and Q is 50 m to the south of R. How far and in which direction is Q with reference to S?

Ans

- X 1. 100m, North
- ★ 3. 90m, North
- X 4. 110m, South

Question ID: 75189710893 Option 1 ID: 75189743572 Option 2 ID: **75189743569** Option 3 ID: 75189743570 Option 4 ID: **75189743571** Status: Answered Chosen Option : 2

Q.83 Which of the following term will replace the question mark (?) in the given series to make it logically complete?

QDA19, UHE38, YLI57, CPM76, ?

- Ans X 1. GTQ97
 - × 2. HTQ95
 - ★ 3. HTQ97

Question ID: 75189711018 Option 1 ID: 75189744072 Option 2 ID: 75189744070

Option 3 ID: 75189744069 Option 4 ID: 75189744071

Status: Answered

 $\textbf{Q.84} \quad \text{The volumes of two spheres are in the ratio of } 27:8. \text{ The ratio of the surface areas of these spheres, in the order in } 27:8.$ which they are mentioned here, is _

Ans

X 2. 2:3

X3. 3:2

X4.4:9

Question ID: 75189710712 Option 1 ID: 75189742848 Option 2 ID: 75189742845 Option 3 ID: 75189742846 Option 4 ID: 75189742847 Status: Answered

Chosen Option: 1

Q.85 If $25 - (x^2 - 9) = (81)^{1/2}$, then the positive value of x =_____

X 2. 2

X 3. 4.7

√ 4. 5

Question ID: 75189710619 Option 1 ID: 75189742473 Option 2 ID: **75189742474** Option 3 ID: 75189742476 Option 4 ID: 75189742475 Status: Answered Chosen Option: 4

_ is one of the highest motorable roads in the world, and is a mountain pass in the Himalayan peaks that co joins Q.86 Sikkim and China's Tibet Autonomous Region.

Ans

✓¹ Nathu La

Chanshal Pass
 Chanthal Pass
 Chanshal Pass
 Chanthal Pass
 Chanthal Pass
 Chanthal Pass
 Chanthal Pass
 Chanthal Pass
 Chan

X 3. Baraclacha La

X 4. Auden's Col

Question ID: 75189710480 Option 1 ID: 75189741920 Option 2 ID: **75189741919** Option 3 ID: 75189741918 Option 4 ID: 75189741917 Status : Not Attempted and Marked For Review



Q.87 As on August 2022, which of the following schemes provides support for students clearing prelims conducted by UPSC/SSC, State Public Service Commission (PSC), etc.?

Ans

✓¹. Nai Udaan

× 2. Naya Savera

X 3. Nai Manzil

X 4. Padho Pradesh

Question ID: 75189711099 Option 1 ID: 75189744395 Option 2 ID: 75189744394 Option 3 ID: 75189744396 Option 4 ID: 75189744393 Status: Not Answered

Chosen Option: -

Which of the following belongs to the homologous series of alkenes?

Ans \times 1. C_6H_{14}

X 2. C₁₀H₁₈

X 3. C₁₀H₂₂

√ 4. C₁₀H₂₀

Question ID: 7518979603 Option 1 ID: 75189738409 Option 2 ID: 75189738410 Option 3 ID: 75189738411 Option 4 ID: 75189738412 Status: Answered Chosen Option: 4

Q.89 Three statement are given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statements.

Statement: U < V > W = X, T < W, S > V

Ans \checkmark 1. S > T

X 2. W > U

X 3. **X** > **S**

 \times 4. V = T

Question ID: 7518979728 Option 1 ID: 75189738911 Option 2 ID: 75189738912 Option 3 ID: 75189738910 Option 4 ID: 75189738909 Status: Answered

 $\textbf{Q.90} \quad \text{A vendor claims to sell wheat at a loss of 20\%. But he cheats by using weights that weigh 40\% less than what is 1.00×10^{-3} and 1.00×10^{-3}.}$ mentioned on them. What is his profit percentage (rounded off to 2 decimal places)? Ans X 1. 35.33% × 2. 34.33% **√** 3. 33.33% × 4. 16.67% Question ID: 7518979950 Option 1 ID: 75189739800 Option 2 ID: 75189739799 Option 3 ID: 75189739798 Option 4 ID: 75189739797 Status: Answered Chosen Option: 3 Q.91 Which of the following options DO NOT fit in the 3 R's of waste management? Ans √ 1. Refuse ×2. Recycle X 3. Reduce X 4. Reuse Question ID: 7518974482 Option 1 ID: 75189717926 Option 2 ID: 75189717928 Option 3 ID: 75189717925 Option 4 ID: 75189717927 Status: Answered Chosen Option: 1 Q.92 The Ganga Plain extends between Ghaggar and Teesta rivers, of which about 79% area of the basin is in India. How many states and Union Territories does the basin cover? Ans 🔀 1. 12 ✓ 2. 11 X 3. 10 X 4. 13 Question ID: 7518978911 Option 1 ID: 75189735643 Option 2 ID: 75189735642

Option 3 ID: 75189735641 Option 4 ID: 75189735644 Status: Not Answered



Q.93 A farmer planted an identical number of saplings of each of three types of trees in a garden. All saplings of one type were planted in the form of a single rectangle, with no rectangle having saplings of more than one type of tree, and no sapling of any type remaining unplanted. Once planted, there were 70 rows in the rectangle of saplings of Tree A, 28 rows in the rectangle of saplings of Tree B, and 42 rows in the rectangle of saplings of Tree C. Find the minimum number of saplings of each type that was planted in the garden by the farmer.

Ans × 1. 70

× 2. 210

X 3. 140

4. 420

Question ID: 75189710634 Option 1 ID: 75189742533 Option 2 ID: **75189742534** Option 3 ID: **75189742536** Option 4 ID: 75189742535 Status: Not Answered

Chosen Option: -

 $\textbf{Q.94} \quad \text{Which of the following options is the closest approximate value which will come in place of question } \max\{?\} \text{ in the place of the following options is the closest approximate value which will come in place of question } \max\{?\} \text{ in the place of the following options } \text{ in the place of the following options } \text{ in the place of the place of the place } \text{ options } \text{ in the place } \text{ options } \text{ opti$ following equation?

 $11.96 + 4.96 + 12.16 - 11.89 \times 2.04 = ?$

Ans 🗙 1. 7

X 2. 13

⊘ 3. **5**

X 4. 9

Question ID: 7518978322

Option 1 ID: 75189733285 Option 2 ID: 75189733288 Option 3 ID: 75189733287

Option 4 ID: 75189733286 Status: Answered Chosen Option: 3

Q.95 Which Article in the Constitution provides for All States to have a uniform 3 tier Panchayati Raj structure, i.e. the village, intermediate and district levels?

Ans X 1. Article 243C

X 2. Article 243A

X 3. Article 243

✓ 4. Article 243B

Question ID: 75189710502

Option 1 ID: 75189742008 Option 2 ID: 75189742006

Option 3 ID: 75189742005 Option 4 ID: 75189742007

Status: Answered

Q.96 Which of the following decreasing orders is correct for reactivity of metals?

Ans

- ★ 1. Al > Ca > Cu > Hg
- √ 2. Ca > Al > Cu > Hg
- \times 3. Al > Cu > Ca > Hg
- **X** 4. Al > Cu > Hg > Ca

Question ID: **75189710375**

Option 1 ID: **75189741499** Option 2 ID: **75189741497**

Option 3 ID : **75189741500**

Option 4 ID : **75189741498**

Status : Answered

Chosen Option: 1

Q.97 The average weight of 32 parcels was recorded as 96 kg. If the weight of one more parcel is included, the average is increased by 2 kg. The weight of the new parcel is:

Ans

- **×** 1. 172 kg
- × 2. 182 kg
- X 4. 192 kg

Question ID: **7518978714**

Option 1 ID: **75189734855**

Option 2 ID: 75189734854

Option 3 ID: **75189734856**

Option 4 ID: **75189734853**Status: **Answered**

Chosen Option: 3

Q.98 Six people, S, T, V, W, X and Y are sitting in a straight line, facing North (but not necessarily in the same order). Only two people sit to the right of S. Only two people sit between W and S. V sits at one of the extreme ends. Y sits to the immediate left of V. T is not an immediate neighbour of S. Who is sitting at the extreme left end?

Ans

- 🥓 1. W
- X 2. T
- **X** 3. **X**
- X 4. S

Question ID: 75189710741

Option 1 ID: **75189742963**

Option 2 ID: 75189742962

Option 3 ID: 75189742964

Option 4 ID: **75189742961**

Status: Answered

Q.99 Each vowel in the word CRICKET 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. If each letter thus formed is arranged in alphabetical order, which letter will be fifth from the right?

Ans

X 1. Q

X 2. **J**

X 4. B

Question ID: 7518978247 Option 1 ID: 75189732988 Option 2 ID: 75189732985 Option 3 ID: 75189732987 Option 4 ID: 75189732986

Status: Answered Chosen Option: 2

Q.100 A man deposits ₹8,000 at 10% rate of simple interest per annum. The total amount he will get at the end of 2 years is:

Ans × 1. ₹9,760

√ 2. ₹9,600

×3. ₹9,800

× 4. ₹9,200

Question ID: 7518979936 Option 1 ID: 75189739741 Option 2 ID: 75189739744 Option 3 ID: 75189739743

Option 4 ID: 75189739742 Status: Answered

Chosen Option: 2

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