



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	Jagannath Institute Of Engineering And Technology
Test Date	29/08/2022
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.

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

Section : Level 1

Q.1 Which language among the following is a Sino-Tibetan language spoken by people of north- east India?

- Ans
- 1. Maithili
  - 2. Santhali
  - 3. Bodo
  - 4. Dogri

Question ID : 7518977481  
Option 1 ID : 75189729922  
Option 2 ID : 75189729921  
Option 3 ID : 75189729923  
Option 4 ID : 75189729924  
Status : Answered  
Chosen Option : 3

Q.2 Identify the correct statement from the ones given below based on the way Mendel conducted his experiments.

- Ans
- 1. Cross-fertilisation of plants was performed initially, followed by self-fertilisation.
  - 2. Self-fertilisation of plants was performed initially, followed by cross-fertilisation.
  - 3. Only self-fertilisation was performed.
  - 4. Only cross-fertilisation was performed.

Question ID : 7518974440  
Option 1 ID : 75189717759  
Option 2 ID : 75189717760  
Option 3 ID : 75189717758  
Option 4 ID : 75189717757  
Status : Answered  
Chosen Option : 1

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Q.3 Which of the following numbers will replace the question mark (?) in the given series?

18, 19, 28, 53, 102, ?

- Ans
- 1. 138
  - 2. 183
  - 3. 198
  - 4. 1389

Question ID : 7518977390  
Option 1 ID : 75189729558  
Option 2 ID : 75189729557  
Option 3 ID : 75189729560  
Option 4 ID : 75189729559  
Status : Answered  
Chosen Option : 2

Q.4 In the given question, the statement is followed by two conclusions. Which of the two conclusion(s) is/are true based on the given statement?

Statement:  $S < \# = \& \leq @ > * = /$

Conclusions: I.  $* > \&$

II.  $\# < /$

- Ans
- 1. Only conclusion II is true
  - 2. Only conclusion I is true
  - 3. Both conclusions I and II are true
  - 4. Neither conclusion I nor II is true

Question ID : 7518977629  
Option 1 ID : 75189730514  
Option 2 ID : 75189730513  
Option 3 ID : 75189730515  
Option 4 ID : 75189730516  
Status : Answered  
Chosen Option : 4

Q.5 Which of the following numbers will replace the question mark (?) in the given series?

28, 32, 39, 52, 74, ?

- Ans
- 1. 108
  - 2. 112
  - 3. 100
  - 4. 110

Question ID : 7518977710  
Option 1 ID : 75189730838  
Option 2 ID : 75189730840  
Option 3 ID : 75189730839  
Option 4 ID : 75189730837  
Status : Answered  
Chosen Option : 1

**Q.6** You have prepared a temporary slide of Rhoeo leaf in water. What change will you observe when you put a strong solution of sugar on the slide?

**Ans** ✓ 1.

Cells will lose water and there will be shrinkage of contents of the cell away from the cell wall

✗ 2. No change will be seen

✗ 3. Cells of the leaf will take in water and swell

✗ 4. Some cells will take in water; others will lose water

Question ID : 7518974516

Option 1 ID : 75189718063

Option 2 ID : 75189718061

Option 3 ID : 75189718062

Option 4 ID : 75189718064

Status : Not Answered

Chosen Option : --

**Q.7** A trader owes a merchant ₹8,000 due in one year. The trader wants to settle the account after 2 months. If the rate of interest is 9% per annum, then how much should he pay (rounded off value)?

**Ans** ✓ 1. ₹7,442

✗ 2. ₹4,774

✗ 3. ₹7,244

✗ 4. ₹7,424

Question ID : 7518975869

Option 1 ID : 75189723475

Option 2 ID : 75189723476

Option 3 ID : 75189723473

Option 4 ID : 75189723474

Status : Answered

Chosen Option : 4

**Q.8** A train crosses a platform 90 metres long in 60 seconds at a speed of 54 km/h. Find the time the train will take to cross an electric pole.

**Ans** ✗ 1. 58 seconds

✓ 2. 54 seconds

✗ 3. 48 seconds

✗ 4. 60 seconds

Question ID : 7518976093

Option 1 ID : 75189724372

Option 2 ID : 75189724371

Option 3 ID : 75189724370

Option 4 ID : 75189724369

Status : Answered

Chosen Option : 2

Q.9 The magnitude of the magnetic field due to a current-carrying circular coil varies with the number of turns  $n$  as

Ans  1.  $n$

2.  $n^2$

3.  $\frac{1}{n^2}$

4.  $\frac{1}{n}$

Question ID : 7518976731

Option 1 ID : 75189726923

Option 2 ID : 75189726924

Option 3 ID : 75189726922

Option 4 ID : 75189726921

Status : Answered

Chosen Option : 1

Q.10 Each consonant in the word 'COMPARE' is changed to the letter following it in the English alphabetical order, and each vowel is changed to the letter preceding it in the English alphabetical order. Which of the following letters will appear twice in the group of letters thus formed?

Ans  1. Only Q

2. Only D

3. D and N

4. Only N

Question ID : 7518977658

Option 1 ID : 75189730631

Option 2 ID : 75189730629

Option 3 ID : 75189730632

Option 4 ID : 75189730630

Status : Answered

Chosen Option : 3

Q.11 Veronica started from a point and walked 25 m towards the west, she then turned right and walked for 5 m. From there she turned right and walked for 15 m, turned right again, and walked for 5 m. Which side should she turn now and how much distance should she walk for in order to reach the starting point?

(All turns are 90 degree turns only)

Ans  1. Right, 10 m

2. Right, 15 m

3. Left, 10 m

4. Left, 15 m

Question ID : 7518974843

Option 1 ID : 75189719370

Option 2 ID : 75189719372

Option 3 ID : 75189719371

Option 4 ID : 75189719369

Status : Answered

Chosen Option : 1

Q.12 In which state/UT was the first Khelo India National Ranking Women Archery held in April 2022?

- Ans
- 1. Haryana
  - 2. Himachal Pradesh
  - 3. Delhi
  - 4. Jharkhand

Question ID : 7518974127  
Option 1 ID : 75189716505  
Option 2 ID : 75189716507  
Option 3 ID : 75189716508  
Option 4 ID : 75189716506  
Status : Answered  
Chosen Option : 4

Q.13 Consider the below statements and identify the correct answer.

Statement I: Metals are electropositive in nature.

Statement II: Metals tend to lose electrons while forming bonds.

- Ans
- 1. Only Statement II is correct.
  - 2. Both statements are correct. Statement II is correct explanation of Statement I.
  - 3. Both Statements are correct. Statement I is correct explanation of Statement II.
  - 4. Only Statement I is correct.

Question ID : 7518973738  
Option 1 ID : 75189714952  
Option 2 ID : 75189714949  
Option 3 ID : 75189714950  
Option 4 ID : 75189714951  
Status : Answered  
Chosen Option : 2

Q.14 Which of the following sterilisation methods is permanent?

- Ans
- 1. Use of condom
  - 2. Use of birth control pills
  - 3. Use of copper-T
  - 4. Surgical methods

Question ID : 7518974418  
Option 1 ID : 75189717669  
Option 2 ID : 75189717671  
Option 3 ID : 75189717670  
Option 4 ID : 75189717672  
Status : Answered  
Chosen Option : 4

Q.15 Simplify:  $2\left(\frac{3}{2}x^2 - 24x + 12\right) - 3(x^2 + 4x - 13)$ .

- Ans
- ✓ 1.  $-60x + 63$
  - ✗ 2.  $60x - 63$
  - ✗ 3.  $60x + 63$
  - ✗ 4.  $-60x - 63$

Question ID : 7518975911  
Option 1 ID : 75189723642  
Option 2 ID : 75189723644  
Option 3 ID : 75189723641  
Option 4 ID : 75189723643  
Status : Answered  
Chosen Option : 1

Q.16 Two numbers are in the ratio 3 : 2. Their LCM and HCF are 24 and 4, respectively. The greater of the two numbers is:

- Ans
- ✗ 1. 8
  - ✓ 2. 12
  - ✗ 3. 14
  - ✗ 4. 10

Question ID : 7518975826  
Option 1 ID : 75189723301  
Option 2 ID : 75189723303  
Option 3 ID : 75189723304  
Option 4 ID : 75189723302  
Status : Answered  
Chosen Option : 2

Q.17 Fundamental Rights are described from Article 12 to \_\_\_\_\_ in the Indian Constitution.

- Ans
- ✗ 1. Article 38
  - ✗ 2. Article 42
  - ✗ 3. Article 40
  - ✓ 4. Article 35

Question ID : 7518977555  
Option 1 ID : 75189730218  
Option 2 ID : 75189730220  
Option 3 ID : 75189730219  
Option 4 ID : 75189730217  
Status : Answered  
Chosen Option : 4



Q.18 Identify the world's second longest glacier located outside the polar region in Nubra Valley?

- Ans
- 1. Baltaro
  - 2. Siachen
  - 3. Hispar
  - 4. Batura

Question ID : 7518977259  
Option 1 ID : 75189729033  
Option 2 ID : 75189729035  
Option 3 ID : 75189729036  
Option 4 ID : 75189729034  
Status : Answered  
Chosen Option : 2

Q.19 In Hinduism, which of the following Gods is considered to be the creator?

- Ans
- 1. Vishnu
  - 2. Mahesh
  - 3. Brahma
  - 4. Ganesh

Question ID : 7518977488  
Option 1 ID : 75189729950  
Option 2 ID : 75189729949  
Option 3 ID : 75189729951  
Option 4 ID : 75189729952  
Status : Answered  
Chosen Option : 3

Q.20 In which state/UT of India can we find the Indira Gandhi Canal?

- Ans
- 1. New Delhi
  - 2. Rajasthan
  - 3. Kerala
  - 4. West Bengal

Question ID : 7518974500  
Option 1 ID : 75189717998  
Option 2 ID : 75189717999  
Option 3 ID : 75189718000  
Option 4 ID : 75189717997  
Status : Answered  
Chosen Option : 2



**Q.21** If the mean and the mode of a particular data set are 36 and 63, respectively, then, using an empirical relation, find the value of the median of the same data set.

- Ans**
- 1. 39
  - 2. 40
  - 3. 45
  - 4. 55

Question ID : 7518975904  
Option 1 ID : 75189723613  
Option 2 ID : 75189723614  
Option 3 ID : 75189723615  
Option 4 ID : 75189723616  
Status : Answered  
Chosen Option : 3

**Q.22** The \_\_\_\_\_ of Constitution of India is related to Panchayati Raj Institutions.

- Ans**
- 1. Part-V
  - 2. Part-IX
  - 3. Part-III
  - 4. Part-IV

Question ID : 7518977567  
Option 1 ID : 75189730265  
Option 2 ID : 75189730267  
Option 3 ID : 75189730268  
Option 4 ID : 75189730266  
Status : Answered  
Chosen Option : 2

**Q.23** What is constant along an isoquant?

- Ans**
- 1. Level of labour
  - 2. Level of output
  - 3. Level of utility
  - 4. Level of capital

Question ID : 7518976821  
Option 1 ID : 75189727282  
Option 2 ID : 75189727281  
Option 3 ID : 75189727283  
Option 4 ID : 75189727284  
Status : Not Answered  
Chosen Option : --

**Q.24** Study the given arrangement carefully and answer the question that follows.

(Left) £ & 6 @ 4 † 2 4 % 1 3 ^ 3 ‡ @ 8 8 % 7 (Right)

How many such symbols are there in the above arrangement each of which is immediately followed by a number and immediately preceded by a symbol?

- Ans**
- ✓ 1. 2
  - ✗ 2. 4
  - ✗ 3. 1
  - ✗ 4. 3

Question ID : 7518975009

Option 1 ID : 75189720034

Option 2 ID : 75189720036

Option 3 ID : 75189720033

Option 4 ID : 75189720035

Status : Answered

Chosen Option : 1

**Q.25** 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 / subtracting /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)

(7, 150, 23)

(14, 100, 6)

- Ans**
- ✓ 1. (15, 140, 13)
  - ✗ 2. (4, 108, 16)
  - ✗ 3. (8, 90, 11)
  - ✗ 4. (9, 80, 11)

Question ID : 7518977739

Option 1 ID : 75189730953

Option 2 ID : 75189730956

Option 3 ID : 75189730955

Option 4 ID : 75189730954

Status : Answered

Chosen Option : 1

Q.26 What is the nature of the roots of  $\sqrt{3}x^2 + 6x - \sqrt{3} = 0$  ?

- Ans
- 1. The roots are real and more than 2.
  - 2. The roots are real and equal.
  - 3. There are no real roots.
  - 4. The roots are real and distinct.

Question ID : 7518975955  
Option 1 ID : 75189723819  
Option 2 ID : 75189723817  
Option 3 ID : 75189723820  
Option 4 ID : 75189723818  
Status : Answered  
Chosen Option : 4

Q.27 The ratio of the number of boys to that of the girls in a school is 7 : 9. If the number of girls in the school is 189, then the number of boys in that school is:

- Ans
- 1. 168
  - 2. 126
  - 3. 147
  - 4. 105

Question ID : 7518976271  
Option 1 ID : 75189725082  
Option 2 ID : 75189725083  
Option 3 ID : 75189725081  
Option 4 ID : 75189725084  
Status : Answered  
Chosen Option : 3

Q.28 The roots of the quadratic equation  $2x^2 - x - 3 = 0$  are:

- Ans
- 1.  $1, -\frac{3}{2}$
  - 2.  $-1, \frac{3}{2}$
  - 3.  $1, \frac{3}{2}$
  - 4.  $-1, -\frac{3}{2}$

Question ID : 7518976348  
Option 1 ID : 75189725390  
Option 2 ID : 75189725391  
Option 3 ID : 75189725389  
Option 4 ID : 75189725392  
Status : Answered  
Chosen Option : 2

**Q.29** Which party was recognised as a national political party by the Election Commission in 2016, whose official election symbol is Jora Ghas Phool (Grass with two flowers)?

- Ans**
- 1. Nationalist Congress Party (NCP)
  - 2. Bahujan Samaj Party (BSP)
  - 3. All India Trinamool Congress (AITC)
  - 4. Communist Party of India (CPI)

Question ID : **7518974103**  
Option 1 ID : **75189716411**  
Option 2 ID : **75189716409**  
Option 3 ID : **75189716412**  
Option 4 ID : **75189716410**  
Status : **Answered**  
Chosen Option : **3**

**Q.30** Pradhan Mantri Awaas Yojana–Gramin (PMAY-G), launched on 20 November 2016, envisages ‘Housing for All’ by the year \_\_\_\_\_.

- Ans**
- 1. 2023
  - 2. 2025
  - 3. 2024
  - 4. 2022

Question ID : **7518976789**  
Option 1 ID : **75189727154**  
Option 2 ID : **75189727156**  
Option 3 ID : **75189727155**  
Option 4 ID : **75189727153**  
Status : **Answered**  
Chosen Option : **2**

**Q.31** Q, R, S, T, U, V and W are seven boxes, kept one over the other but not necessarily in the same order. Only one box is kept between Q and R. W is kept immediately above Q. Only one box is kept between R and U. T is kept immediately below R. How many boxes are kept between T and W?

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

Question ID : **7518977599**  
Option 1 ID : **75189730394**  
Option 2 ID : **75189730393**  
Option 3 ID : **75189730396**  
Option 4 ID : **75189730395**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : **--**

**Q.32** The sum of two natural numbers,  $x$  and  $y$ , is 320 and the HCF of  $x$  and  $y$  is 20. If  $x > y$ , how many such possible pairs of  $x$  and  $y$  are there?

- Ans**
- 1. 6
  - 2. 4
  - 3. 8
  - 4. 2

Question ID : 7518975820  
 Option 1 ID : 75189723278  
 Option 2 ID : 75189723277  
 Option 3 ID : 75189723280  
 Option 4 ID : 75189723279  
 Status : Answered  
 Chosen Option : 2

**Q.33** इस प्रश्न में, संख्याओं/प्रतीकों के एक समूह को नीचे दी गई तालिका और उसके बाद दी गई शर्तों के अनुसार अक्षरों का उपयोग करके कूटबद्ध किया गया है। शर्तों के अनुसार कूटों का सही संयोजन आपका उत्तर होगा।

संख्या/ प्रतीक	7	4	&	@	?	8	<	#	2	%	!	5	=	6
कूट	Q	S	R	T	U	P	W	Y	A	V	C	X	D	H

शर्तें:

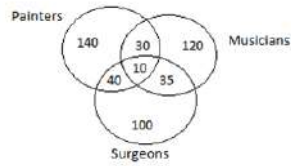
- (i) यदि पहला घटक एक प्रतीक है, और अंतिम घटक एक संख्या है, तो इन दोनों के कूटों को आपस में बदला जाना चाहिए।
- (ii) यदि पहला घटक एक विषम संख्या है, और अंतिम घटक एक सम संख्या है, तो पहले और अंतिम घटकों को  $\emptyset$  के रूप में कूटबद्ध किया जाना चाहिए।
- (iii) यदि पहले और तीसरे दोनों घटक संख्याएं हैं, तो तीसरे घटक को पहले घटक के कूट के रूप में कूटबद्ध किया जाना चाहिए।

'2 @ 7 # = 5' को किस प्रकार कूटबद्ध किया जाएगा?

- Ans**
- 1. Q T A Y D C
  - 2. Q T Q Y D C
  - 3. A T Q Y D X
  - 4. A T A Y D X

Question ID : 7518977681  
 Option 1 ID : 75189730724  
 Option 2 ID : 75189730723  
 Option 3 ID : 75189730722  
 Option 4 ID : 75189730721  
 Status : Answered  
 Chosen Option : 1

**Q.34** Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons living in a village.



How many surgeons are living in the village?

- Ans**
- ✓ 1. 185
  - ✗ 2. 100
  - ✗ 3. 35
  - ✗ 4. 150

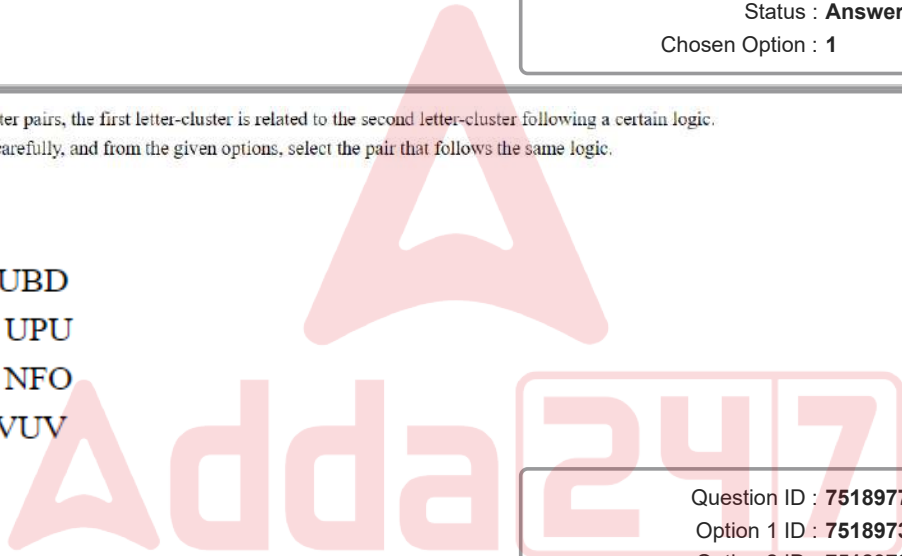
Question ID : 7518977619  
 Option 1 ID : 75189730473  
 Option 2 ID : 75189730474  
 Option 3 ID : 75189730476  
 Option 4 ID : 75189730475  
 Status : Answered  
 Chosen Option : 1

**Q.35** 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.

POT : UPQ

EST : UTF

- Ans**
- ✓ 1. CAT : UBD
  - ✗ 2. TOW : UPU
  - ✗ 3. MEN : NFO
  - ✗ 4. PTU : VUV



Question ID : 7518977708  
 Option 1 ID : 75189730831  
 Option 2 ID : 75189730832  
 Option 3 ID : 75189730830  
 Option 4 ID : 75189730829  
 Status : Answered  
 Chosen Option : 1

**Q.36** This question is based on the following 3-letter words.  
(left) MAT CRY NIB DON (right)

If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel?

- Ans**
- 1. Two
  - 2. One
  - 3. Three
  - 4. Four

Question ID : 7518977667  
 Option 1 ID : 75189730666  
 Option 2 ID : 75189730665  
 Option 3 ID : 75189730667  
 Option 4 ID : 75189730668  
 Status : Answered  
 Chosen Option : 2

**Q.37** Consider the magnitudes and directions of the induced potential difference in the following situations:

(a) A current-carrying straight wire moving with a speed of 1.5 m/s towards a stationary coil.

(b) The same current-carrying straight wire moving away with a speed of 1.5 m/s from the same stationary coil.

The induced potential differences are of \_\_\_\_\_ magnitude(s) and have \_\_\_\_\_ sign(s) in the above two cases.

- Ans**
- 1. the same, the same
  - 2. different, the same
  - 3. the same, opposite
  - 4. different, opposite

Question ID : 7518976754  
 Option 1 ID : 75189727015  
 Option 2 ID : 75189727014  
 Option 3 ID : 75189727016  
 Option 4 ID : 75189727013  
 Status : Answered  
 Chosen Option : 3

**Q.38** In a certain code language, 'ASSURED' is written as 'TTBUEFS' and 'BENEFIT' is written as 'OFCEUJG'. How will 'CABINET' be written in that language?

- Ans**
- 1. DBCIOFU
  - 2. CBDIUFO
  - 3. CBDJUFO
  - 4. CBDIUFU

Question ID : 7518975023  
 Option 1 ID : 75189720090  
 Option 2 ID : 75189720091  
 Option 3 ID : 75189720089  
 Option 4 ID : 75189720092  
 Status : Answered  
 Chosen Option : 2



Q.39 Which digestive enzyme is present in saliva?

- Ans
- ✓ 1. Amylase
  - ✗ 2. Lipase
  - ✗ 3. Enterokinase
  - ✗ 4. Peptidase

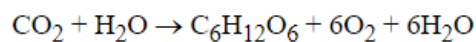
Question ID : 7518974372  
Option 1 ID : 75189717485  
Option 2 ID : 75189717488  
Option 3 ID : 75189717487  
Option 4 ID : 75189717486  
Status : Answered  
Chosen Option : 1

Q.40 In February 2022, CBI detected India's biggest bank fraud of ₹22,842 crore with 28 banks. Who was booked by CBI for this fraud?

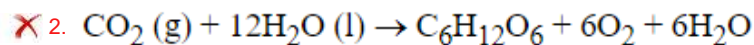
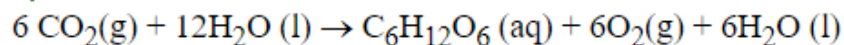
- Ans
- ✓ 1. ABG Shipyard
  - ✗ 2. Goa Shipyard Limited
  - ✗ 3. Hindustan Shipyard Limited
  - ✗ 4. Sea Blue Shipyard Limited

Question ID : 7518973868  
Option 1 ID : 75189715472  
Option 2 ID : 75189715469  
Option 3 ID : 75189715470  
Option 4 ID : 75189715471  
Status : Answered  
Chosen Option : 1

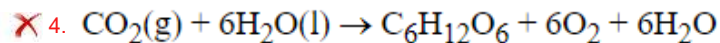
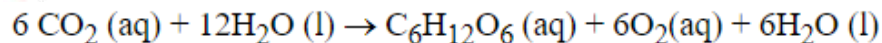
Q.41 For the following reaction, balance the chemical equation with state symbols.



Ans ✓ 1.



✗ 3.



Question ID : 7518973568

Option 1 ID : 75189714272

Option 2 ID : 75189714270

Option 3 ID : 75189714271

Option 4 ID : 75189714269

Status : Answered

Chosen Option : 1

Q.42 In February 2021, who launched the ICMR/DHR Policy along with Dr. Bharti Pravin Pawar on Biomedical Innovation and Entrepreneurship to bring modern health technologies to the people through research and innovations related to diagnosis, treatment methods and vaccines for prevention?

Ans ✗ 1. Dr. Maninder Kaur Dwivedi

✗ 2. Dr. Harsh Vardhan

✗ 3. Dr. Pradeep Kumar Vyas

✓ 4. Dr. Mansukh Mandaviya

Question ID : 7518973967

Option 1 ID : 75189715868

Option 2 ID : 75189715867

Option 3 ID : 75189715865

Option 4 ID : 75189715866

Status : Not Answered

Chosen Option : --

Q.43 Select the option that correctly indicates which of the following statements are true.

When a strip of zinc metal is placed in copper sulphate solution:

- (i) zinc displaces copper from copper sulphate
- (ii) the blue colour of copper sulphate solution does not fade
- (iii) a blue deposit of copper metal is formed on the zinc strip
- (iv) it is an example of combination reaction

- Ans
- 1. iii
  - 2. ii
  - 3. iv
  - 4. i

Question ID : 7518973586

Option 1 ID : 75189714343

Option 2 ID : 75189714342

Option 3 ID : 75189714344

Option 4 ID : 75189714341

Status : **Not Attempted and  
Marked For Review**

Chosen Option : --

Q.44 Which incident prompted Mahatma Gandhi to end his non-cooperation agitation in February 1922?

- Ans
- 1. Chauri-Chaura incident
  - 2. Khilafat Movement
  - 3. Jallianwala Bagh massacre
  - 4. Rowlatt Act endorsement

Question ID : 7518977175

Option 1 ID : 75189728698

Option 2 ID : 75189728700

Option 3 ID : 75189728697

Option 4 ID : 75189728699

Status : **Answered**

Chosen Option : 1

Q.45 Why do the root's water-absorbing epidermal cells frequently have long hair-like parts?

Ans  1.

To enhance the amount of surface area available for absorption

2. For locomotion

3.

To enhance the amount of surface area available for transpiration

4.

To reduce the amount of surface area available for photosynthesis

Question ID : 7518974341

Option 1 ID : 75189717363

Option 2 ID : 75189717361

Option 3 ID : 75189717364

Option 4 ID : 75189717362

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.46 How will quarter to eight be indicated in the 24-hour format?

Ans  1. 20:15 hours

2. 19:45 hours

3. 19:15 hours

4. 20:45 hours

Question ID : 7518976772

Option 1 ID : 75189727086

Option 2 ID : 75189727085

Option 3 ID : 75189727087

Option 4 ID : 75189727088

Status : Answered

Chosen Option : 2

Q.47 Seven people with the initials of their names G, H, I, J, K, L and M were sipping their tea, sitting around a circular table, facing the centre. They were equidistant to one another. K was sitting to the immediate right of I. Only H was sitting between M and J. L was an immediate neighbour of M. G was sitting third to the right and fourth to the left of J. Who were the immediate neighbours of G?

Ans  1. K and M

2. L and I

3. K and L

4. M and I

Question ID : 7518977573

Option 1 ID : 75189730290

Option 2 ID : 75189730289

Option 3 ID : 75189730292

Option 4 ID : 75189730291

Status : Answered

Chosen Option : 3

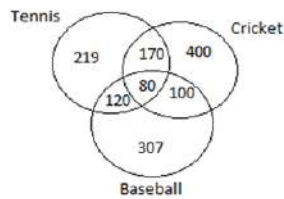
**Q.48** What approximate value should come in place of the question mark (?) in the following equation?

$$444.033 \div 15.998 \div 37.02 \times 11.992 = ?$$

- Ans**
- ✓ 1. 9
  - ✗ 2. 81
  - ✗ 3. 243
  - ✗ 4. 125

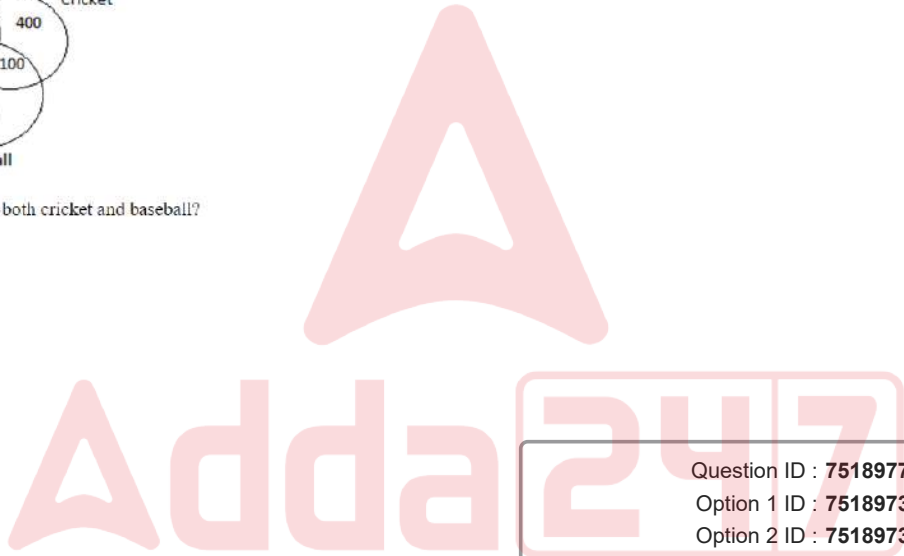
Question ID : 7518977407  
 Option 1 ID : 75189729625  
 Option 2 ID : 75189729626  
 Option 3 ID : 75189729628  
 Option 4 ID : 75189729627  
 Status : Answered  
 Chosen Option : 1

**Q.49** Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons who like different sports.



How many people like both cricket and baseball?

- Ans**
- ✓ 1. 180
  - ✗ 2. 100
  - ✗ 3. 210
  - ✗ 4. 80



Question ID : 7518977613  
 Option 1 ID : 75189730451  
 Option 2 ID : 75189730450  
 Option 3 ID : 75189730452  
 Option 4 ID : 75189730449  
 Status : Answered  
 Chosen Option : 2

Q.50 If the volume of a cube is  $729 \text{ cm}^3$ , then the edge of the cube is:

- Ans
- 1. 3 cm
  - 2. 12 cm
  - 3. 24 cm
  - 4. 9 cm

Question ID : 7518975976  
Option 1 ID : 75189723901  
Option 2 ID : 75189723903  
Option 3 ID : 75189723904  
Option 4 ID : 75189723902  
Status : Answered  
Chosen Option : 4

Q.51 Six persons, P, Q, R, S, T and U, were born in different months of the same year, viz. January, February, March, April, May and June. U was born in the immediate next month of Q's birth month. R was born in May. P was not born in January. S was not born in April. Only one person was born between the months of P and R's birth months. In which month was T born?

- Ans
- 1. March
  - 2. February
  - 3. April
  - 4. June

Question ID : 7518975156  
Option 1 ID : 75189720622  
Option 2 ID : 75189720621  
Option 3 ID : 75189720623  
Option 4 ID : 75189720624  
Status : Not Answered  
Chosen Option : --

Q.52 Find the mode of the observations 23, 27, 38, 42, 27, 58, 69, 71, 45.

- Ans
- 1. 42
  - 2. 27
  - 3. 71
  - 4. 45

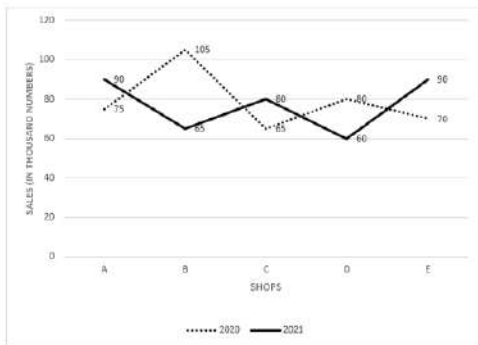
Question ID : 7518976115  
Option 1 ID : 75189724458  
Option 2 ID : 75189724457  
Option 3 ID : 75189724460  
Option 4 ID : 75189724459  
Status : Answered  
Chosen Option : 2

**Q.53** If a regular polygon has 65 diagonals, then the sum of its interior angles is:

- Ans
- 1.  $1800^\circ$
  - 2.  $1620^\circ$
  - 3.  $1980^\circ$
  - 4.  $1440^\circ$

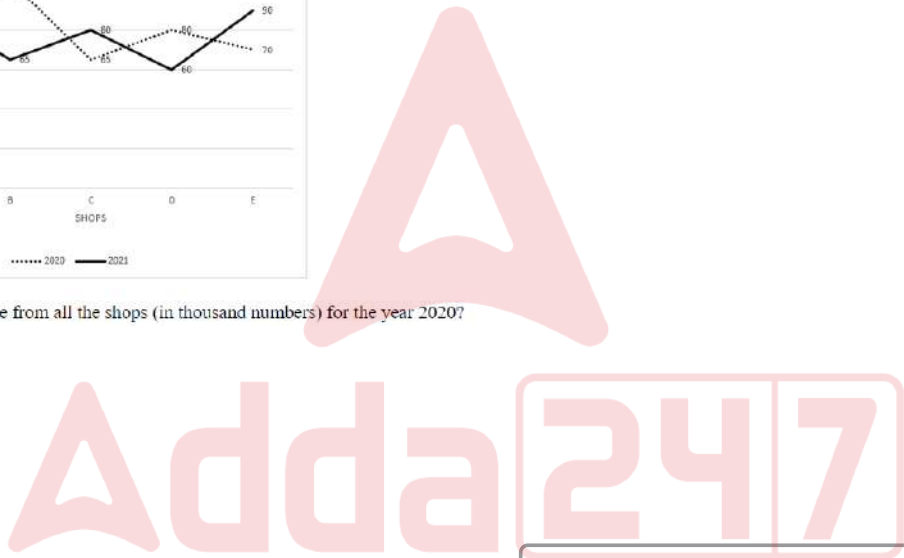
Question ID : 7518976376  
 Option 1 ID : 75189725503  
 Option 2 ID : 75189725502  
 Option 3 ID : 75189725504  
 Option 4 ID : 75189725501  
 Status : Answered  
 Chosen Option : 3

**Q.54** The given line graph shows the sales of a product X (in thousand numbers) from five different shops A, B, C, D and E in the years 2020 and 2021. Study the line graph and answer the question.



What is the average sale from all the shops (in thousand numbers) for the year 2020?

- Ans
- 1. 79
  - 2. 82
  - 3. 80
  - 4. 85



Question ID : 7518977767  
 Option 1 ID : 75189731067  
 Option 2 ID : 75189731065  
 Option 3 ID : 75189731068  
 Option 4 ID : 75189731066  
 Status : Answered  
 Chosen Option : 1



**Q.55** A particular locality is focusing on three R's — Recycle, Reuse and Reduce — to decrease the production of non-biodegradable waste. What will be the correct sequence to follow them?

- Ans
- 1. Recycle, Reuse, Reduce
  - 2. Reduce, Reuse, Recycle
  - 3. Recycle, Reduce, Reuse
  - 4. Reuse, Recycle, Reduce

Question ID : 7518974679  
Option 1 ID : 75189718716  
Option 2 ID : 75189718714  
Option 3 ID : 75189718715  
Option 4 ID : 75189718713  
Status : Answered  
Chosen Option : 2

**Q.56** 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.

B \_ A \_ B \_ \_ B \_ \_ BA \_ B \_ MB \_

- Ans
- 1. AMBBMBAMM
  - 2. BMABAMBAA
  - 3. MABBABAAB
  - 4. ABAMAABBM

Question ID : 7518974785  
Option 1 ID : 75189719139  
Option 2 ID : 75189719140  
Option 3 ID : 75189719137  
Option 4 ID : 75189719138  
Status : Not Answered  
Chosen Option : --

**Q.57** The Nabakalebara festival is celebrated in which of the following states?

- Ans
- 1. Odisha
  - 2. Tamil Nadu
  - 3. Haryana
  - 4. Karnataka

Question ID : 7518974181  
Option 1 ID : 75189716723  
Option 2 ID : 75189716722  
Option 3 ID : 75189716721  
Option 4 ID : 75189716724  
Status : Answered  
Chosen Option : 1

**Q.58** Five boxes G, T, Y, R and U are placed one over the other but not necessarily in the same order. Exactly two boxes are placed between T and Y, but T is neither at the bottom nor at the top and not at any position above Y. What is the position of T from the bottom?

- Ans**
- 1. Fourth
  - 2. Second
  - 3. Third
  - 4. First

Question ID : 7518974733  
Option 1 ID : 75189718931  
Option 2 ID : 75189718929  
Option 3 ID : 75189718930  
Option 4 ID : 75189718932  
Status : Answered  
Chosen Option : 2

**Q.59** A car can cover a distance of 25 km per litre of petrol. The driver of the car filled the tank with  $5\frac{1}{2}$  litres of petrol. After travelling how much distance (in km) will the car stop?

- Ans**
- 1. 140.5
  - 2. 125.5
  - 3. 135.5
  - 4. 137.5

Question ID : 7518975804  
Option 1 ID : 75189723216  
Option 2 ID : 75189723213  
Option 3 ID : 75189723214  
Option 4 ID : 75189723215  
Status : Answered  
Chosen Option : 4

**Q.60** Which tributary of Ganga is known as the 'sorrow of Bihar'?

- Ans**
- 1. Alaknanda
  - 2. Damodar
  - 3. Kosi
  - 4. Gaumukh

Question ID : 7518977263  
Option 1 ID : 75189729052  
Option 2 ID : 75189729050  
Option 3 ID : 75189729049  
Option 4 ID : 75189729051  
Status : Answered  
Chosen Option : 3

**Q.61** The given table shows the details of the number of boys and girls from four different departments of a recognised university who got campus placements over the years. Study the table and answer the question.

Dept Year	Department A		Department B		Department C		Department D	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
2017	150	200	200	150	180	200	110	120
2018	100	80	100	100	150	140	100	120
2019	150	130	120	140	100	80	200	150
2020	100	120	160	120	90	100	180	160

What is the difference between the number of boys and girls from all the departments who got campus placements in the year 2018?

- Ans**
- 1. 20
  - 2. 10
  - 3. 15
  - 4. 25

Question ID : **7518977778**  
 Option 1 ID : **75189731111**  
 Option 2 ID : **75189731109**  
 Option 3 ID : **75189731110**  
 Option 4 ID : **75189731112**

Status : **Not Answered**  
 Chosen Option : --

**Q.62** Aditya bought a flat for ₹5,50,000. He spent ₹25,000 on its painting and repair. If he sold it for ₹5,37,625, then his loss percentage is:

- Ans**
- 1. 6.5%
  - 2. 4.5%
  - 3. 7.5%
  - 4. 5.5%

Question ID : **7518976280**  
 Option 1 ID : **75189725117**  
 Option 2 ID : **75189725120**  
 Option 3 ID : **75189725118**  
 Option 4 ID : **75189725119**

Status : **Answered**  
 Chosen Option : 1

Q.63 If the total surface area of a closed cube is  $1014 \text{ cm}^2$ , then the length of each edge of this cube is:

- Ans
- 1. 12 cm
  - 2. 13 cm
  - 3. 14 cm
  - 4. 16 cm

Question ID : 7518976370

Option 1 ID : 75189725478

Option 2 ID : 75189725477

Option 3 ID : 75189725479

Option 4 ID : 75189725480

Status : Answered

Chosen Option : 2

Q.64 S, T, U, V, W, X, Y and Z were eight ministers, sitting around a circular table, facing the centre. They were equidistant to one another. Only V was sitting between S and X. Only T was sitting between Z and W. Y was sitting fourth to the left of W, while S was sitting fourth to the left of T. Z was sitting second to the left of Y. Which minister was sitting fourth to the left of X?

- Ans
- 1. Only U
  - 2. Only Z
  - 3. Only V
  - 4. Either U or V

Question ID : 7518977577

Option 1 ID : 75189730307

Option 2 ID : 75189730306

Option 3 ID : 75189730305

Option 4 ID : 75189730308

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.65 Which of the following wrestlers won gold in the Asian wrestling championship-2022?

- Ans
- 1. Ravi K Dahiya
  - 2. Deepak Punia
  - 3. Radhika
  - 4. Anshu Malik

Question ID : 7518976793

Option 1 ID : 75189727169

Option 2 ID : 75189727171

Option 3 ID : 75189727172

Option 4 ID : 75189727170

Status : Answered

Chosen Option : 1

Q.66 The value of  $143 - 144 \div 16 \times 3 - 1$  is:

- Ans
- 1. 139
  - 2. 115
  - 3. 133
  - 4. 123

Question ID : 7518976004  
Option 1 ID : 75189724013  
Option 2 ID : 75189724014  
Option 3 ID : 75189724015  
Option 4 ID : 75189724016  
Status : Answered  
Chosen Option : 2

Q.67 Which of the following is/are the characteristic(s) of Monopoly market?

- (i) There is a single producer of a particular commodity.
- (ii) No other commodity works as a substitute for this commodity.
- (iii) There are no restrictions to prevent any other firm from entering the market and to start selling the same commodity.

- Ans
- 1. Only ii and iii
  - 2. Only i and ii
  - 3. Only i and iii
  - 4. Only i

Question ID : 7518974251  
Option 1 ID : 75189717003  
Option 2 ID : 75189717002  
Option 3 ID : 75189717004  
Option 4 ID : 75189717001  
Status : Not Answered  
Chosen Option : --

Q.68 Consider the following statements:

- (a) The particles in clouds are larger than the wavelength of different colours in white light coming from the sun.  
(b) All colours of white light are scattered by approximately the same amount.

Which of the above statements help(s) us to understand the white colour of clouds during sunshine?

- Ans  1. Only (b)  
 2. Only (a)  
 3. Both (a) and (b)  
 4. Neither (a) nor (b)

Question ID : 7518976656

Option 1 ID : 75189726622

Option 2 ID : 75189726621

Option 3 ID : 75189726623

Option 4 ID : 75189726624

Status : Marked For Review

Chosen Option : 4

Q.69 एक कथन और उसके बाद दो संभावित अंतर्निहित धारणाएं। और II दी गई हैं। सभी जानकारियों को ध्यान से पढ़ें, और निर्णय लें कि दिए गए कथन द्वारा कौन सी धारणाओं का अनुमान लगाया जा सकता है?

कथन:

देश G के निर्णय के बाद, जो कि एक दशक पहले प्रदूषण को नियंत्रित करने के लिए लिया गया था, देश N ने भी देश में कारों की संख्या पर उच्चतम सीमा निर्धारित करने का निर्णय लिया है। इसलिए, अब यदि देश N में कोई व्यक्ति कार खरीदना चाहता है, तो उन्हें तब तक इंतजार करना होगा जब तक कि देश में कोई अपनी कार नहीं बेचता है, या कोई कार पूरी तरह से अक्रिय (नॉन-फंक्शनल) के रूप में पंजीकृत और नष्ट (स्कैप) नहीं की जाती है।

धारणाएं:

- I. देश N में अन्य परिवहन विकल्प, देश की 'कार-स्वामित्व रहित' आबादी की आवश्यकताओं को पूरा करने के लिए पर्याप्त हैं।  
II. इस निर्णय के देश G में प्रदूषण को नियंत्रित करने में सफल होने की सर्वाधिक संभावना है।

- Ans  1. न तो I और न ही II का अनुमान लगाया जा सकता है।  
 2. केवल II का अनुमान लगाया जा सकता है।  
 3. I और II दोनों का अनुमान लगाया जा सकता है।  
 4. केवल I का अनुमान लगाया जा सकता है।

Question ID : 7518976765

Option 1 ID : 75189727060

Option 2 ID : 75189727058

Option 3 ID : 75189727059

Option 4 ID : 75189727057

Status : Not Answered

Chosen Option : --

Q.70 Which of the following expenses is a part of 'fixed cost' in production of surgical garments?

- Ans
- 1. Water
  - 2. Waste disposal
  - 3. Electricity
  - 4. Workers' salary

Question ID : 7518977512  
Option 1 ID : 75189730048  
Option 2 ID : 75189730046  
Option 3 ID : 75189730045  
Option 4 ID : 75189730047  
Status : Answered  
Chosen Option : 2

Q.71 Which of the following is a property of combustion reaction?

- Ans
- 1. The reaction happens with absorption of heat.
  - 2. An element burns in the presence of oxygen.
  - 3. The reaction happens with absorption of light.
  - 4. In the presence of sunlight, reaction occurs.

Question ID : 7518973535  
Option 1 ID : 75189714139  
Option 2 ID : 75189714137  
Option 3 ID : 75189714140  
Option 4 ID : 75189714138  
Status : Answered  
Chosen Option : 2

Q.72 A bulb draws a current of 3 A when connected to a battery of 12 V. The power of the bulb is:

- Ans
- 1. 4 W
  - 2. 18 W
  - 3. 36 W
  - 4. 12 W

Question ID : 7518976712  
Option 1 ID : 75189726848  
Option 2 ID : 75189726846  
Option 3 ID : 75189726845  
Option 4 ID : 75189726847  
Status : Answered  
Chosen Option : 3



Q.73 If  $12 : x :: x : 27$ , and  $25 : y :: y : 36$ , when  $x$  and  $y$  are both positive numbers, find  $x : y$ .

- Ans
- 1. 7 : 9
  - 2. 3 : 5
  - 3. 4 : 7
  - 4. 5 : 6

Question ID : 7518976266  
Option 1 ID : 75189725064  
Option 2 ID : 75189725062  
Option 3 ID : 75189725063  
Option 4 ID : 75189725061  
Status : Answered  
Chosen Option : 2

Q.74 Raj invested ₹14,000 at 10% p.a. for 1 year at compound interest, compounded half-yearly. The amount received by him is:

- Ans
- 1. ₹15,435
  - 2. ₹13,542
  - 3. ₹14,354
  - 4. ₹14,765

Question ID : 7518975619  
Option 1 ID : 75189722476  
Option 2 ID : 75189722474  
Option 3 ID : 75189722473  
Option 4 ID : 75189722475  
Status : Answered  
Chosen Option : 1

Q.75 Two trains P and Q, having lengths of 300 m and 340 m respectively, are running towards each other. If P and Q are running at speeds of 35 m/s and 45 m/s, respectively, then how long will they take to cross each other?

- Ans
- 1. 8.5 sec
  - 2. 8 sec
  - 3. 9 sec
  - 4. 7 sec

Question ID : 7518975874  
Option 1 ID : 75189723495  
Option 2 ID : 75189723494  
Option 3 ID : 75189723496  
Option 4 ID : 75189723493  
Status : Answered  
Chosen Option : 2

Q.76 If  $a + b = 25$  and  $a - b = 13$ , find the value of  $(a + b)^2$ .

- Ans
- ✓ 1. 625
  - ✗ 2. 496
  - ✗ 3. 525
  - ✗ 4. 225

Question ID : 7518976121  
Option 1 ID : 75189724481  
Option 2 ID : 75189724484  
Option 3 ID : 75189724482  
Option 4 ID : 75189724483  
Status : Answered  
Chosen Option : 1

Q.77 Rekha, from point A, walks 41 m towards the west. She takes a right turn and walks 84 m. She takes a right turn again and walks 92 m. Again, she takes a right turn and walks 84 m. She takes a right turn again and walks 19 m to reach point B. How far and in which direction is point B from point A? (All turns are 90 degree turns only)

- Ans
- ✗ 1. 30 m, West
  - ✗ 2. 32 m, West
  - ✓ 3. 32 m, East
  - ✗ 4. 30 m, East

Question ID : 7518977690  
Option 1 ID : 75189730760  
Option 2 ID : 75189730758  
Option 3 ID : 75189730757  
Option 4 ID : 75189730759  
Status : Answered  
Chosen Option : 3

Q.78 Decomposition reaction is when:

- Ans
- ✗ 1. two or more reactants give one product
  - ✓ 2. one reactant breaks down to give simpler products
  - ✗ 3. one element displaces another to give product
  - ✗ 4. one reactant breaks down to simple products and energy released

Question ID : 7518973577  
Option 1 ID : 75189714307  
Option 2 ID : 75189714305  
Option 3 ID : 75189714306  
Option 4 ID : 75189714308  
Status : Answered  
Chosen Option : 2

Q.79 Baking powder is a mixture of:

- Ans
- 1. sodium carbonate and tartaric acid
  - 2. baking soda and washing soda
  - 3. baking soda and bleaching powder
  - 4. baking soda and mild edible acid

Question ID : 7518973654  
 Option 1 ID : 75189714614  
 Option 2 ID : 75189714615  
 Option 3 ID : 75189714616  
 Option 4 ID : 75189714613  
 Status : Answered  
 Chosen Option : 4

Q.80 Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$$(\sqrt{142} + 52 + 26 \times 5 - \sqrt{80}) \times 2 = ?$$

- Ans
- 1. 32
  - 2. 30
  - 3. 26
  - 4. 20

Question ID : 7518977744  
 Option 1 ID : 75189730976  
 Option 2 ID : 75189730975  
 Option 3 ID : 75189730974  
 Option 4 ID : 75189730973  
 Status : Answered  
 Chosen Option : 3

Q.81 If  $\sin\theta > \cos\theta$ , then the value of  $\frac{\sqrt{1-2\sin\theta\cos\theta} + \sqrt{1+2\sin\theta\cos\theta}}{2\tan\theta}$  is:

- Ans
- 1.  $\tan\theta$
  - 2.  $\cot\theta$
  - 3.  $\cos\theta$
  - 4.  $\sin\theta$

Question ID : 7518976389  
 Option 1 ID : 75189725555  
 Option 2 ID : 75189725554  
 Option 3 ID : 75189725553  
 Option 4 ID : 75189725556  
 Status : Answered  
 Chosen Option : 3

**Q.82** A battery is connected to a conductor, and a current  $I$  passes through it. If the resistance of the conductor is made four times, the current \_\_\_\_\_.

- Ans**
- 1. remains  $I$
  - 2. becomes  $4I$
  - 3. becomes  $(\frac{I}{2})$
  - 4. becomes  $(\frac{I}{4})$

Question ID : 7518976672

Option 1 ID : 75189726688

Option 2 ID : 75189726687

Option 3 ID : 75189726686

Option 4 ID : 75189726685

Status : Answered

Chosen Option : 4

**Q.83** In the given question, the statement is followed by two conclusions. Which of the two conclusion(s) is/are true based on the given statement?

*Statement:*  $U = L > Y \leq C = I > G$

*Conclusions:* I.  $U \leq C$

II.  $C > G$

- Ans**
- 1. Neither conclusion I nor II is true
  - 2. Both conclusions I and II are true
  - 3. Only conclusion I is true
  - 4. Only conclusion II is true

Question ID : 7518977631

Option 1 ID : 75189730524

Option 2 ID : 75189730523

Option 3 ID : 75189730521

Option 4 ID : 75189730522

Status : Answered

Chosen Option : 4

**Q.84** 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/subtracting/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.)

(3, 5, 21)

(4, 2, 14)

- Ans**
- 1. (6, 3, 12)
  - 2. (8, 4, 28)
  - 3. (5, 2, 19)
  - 4. (7, 1, 23)

Question ID : 7518977400  
Option 1 ID : 75189729598  
Option 2 ID : 75189729599  
Option 3 ID : 75189729597  
Option 4 ID : 75189729600  
Status : Answered  
Chosen Option : 2

**Q.85** Which river system enters Indian territory in Jammu and Kashmir by forming a picturesque gorge?

- Ans**
- 1. Brahmaputra River System
  - 2. Narmada River System
  - 3. Godavari River System
  - 4. Indus River System

Question ID : 7518974083  
Option 1 ID : 75189716330  
Option 2 ID : 75189716331  
Option 3 ID : 75189716332  
Option 4 ID : 75189716329  
Status : Answered  
Chosen Option : 4

**Q.86** An object is placed in front of a concave mirror of focal length 15 cm and its image is formed on the same side as the object, at a distance of 45 cm. The distance of the object from the mirror is:

- Ans**
- 1. 33.75 cm
  - 2. 45 cm
  - 3. 22.5 cm
  - 4. 11.25 cm

Question ID : 7518976603  
Option 1 ID : 75189726411  
Option 2 ID : 75189726412  
Option 3 ID : 75189726410  
Option 4 ID : 75189726409  
Status : Answered  
Chosen Option : 3

**Q.87** A son's present age is two-fifth of the age of his mother. After 5 years, his age will be half the age of his mother. How old is his mother at present?

- Ans**
- 1. 36 years
  - 2. 32 years
  - 3. 25 years
  - 4. 40 years

Question ID : 7518976155  
Option 1 ID : 75189724619  
Option 2 ID : 75189724618  
Option 3 ID : 75189724617  
Option 4 ID : 75189724620  
Status : Answered  
Chosen Option : 3

**Q.88** You get cramps after participating in a 400 m race. Which option best explains the reason for the same?

- Ans**
- 1. Lack of oxygen and pyruvate is converted to glucose
  - 2. Lack of oxygen and pyruvate is converted to ethanol
  - 3. Enough oxygen and pyruvate converted to lactic acid
  - 4. Lack of oxygen and pyruvate converted to lactic acid

Question ID : 7518974586  
Option 1 ID : 75189718344  
Option 2 ID : 75189718342  
Option 3 ID : 75189718343  
Option 4 ID : 75189718341  
Status : Answered  
Chosen Option : 4

**Q.89** Which of the following is NOT an appropriate reason for the need of classification of elements?

- Ans**
- 1. To give the elements positions according to their colour.
  - 2. To understand the specific position of an element in the periodic table.
  - 3. To understand the periodicity in properties of elements.
  - 4. To correlate the properties of different elements.

Question ID : 7518973493  
Option 1 ID : 75189713971  
Option 2 ID : 75189713970  
Option 3 ID : 75189713969  
Option 4 ID : 75189713972  
Status : Answered  
Chosen Option : 1

**Q.90** Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statement.

Statements:

Few mice are rats

Most rats are vultures

All vultures are hawks

Conclusions:

(I) Few mice are vultures

(II) Some hawks are mice

(III) Some rats are hawks

- Ans**
- 1. Only conclusion I follows
  - 2. Only conclusion I and III follow
  - 3. All conclusions I, II and III follow
  - 4. Only conclusion III follows

Question ID : 7518977612

Option 1 ID : 75189730445

Option 2 ID : 75189730447

Option 3 ID : 75189730448

Option 4 ID : 75189730446

Status : Not Answered

Chosen Option : --

**Q.91** Which of the following State/UT governments has formulated a policy for the welfare of street children in light of the COVID-19 pandemic situation in July 2021?

- Ans**
- 1. Haryana
  - 2. Delhi
  - 3. Uttar Pradesh
  - 4. Puducherry

Question ID : 7518973977

Option 1 ID : 75189715906

Option 2 ID : 75189715905

Option 3 ID : 75189715908

Option 4 ID : 75189715907

Status : Answered

Chosen Option : 2



**Q.92** If 2 is added to each odd digit and 2 is subtracted from each even digit in the number given below, what will be the difference in the digits that are third from the left and third from the right in the new number thus formed?

(Left) 32578641 (Right)

- Ans**
- 1. 4
  - 2. 5
  - 3. 3
  - 4. 2

Question ID : 7518975313  
Option 1 ID : 75189721251  
Option 2 ID : 75189721252  
Option 3 ID : 75189721250  
Option 4 ID : 75189721249  
Status : Answered  
Chosen Option : 3

**Q.93** What is the name of India's first Green Hydrogen Fuel Cell Electric Vehicle (FCEV), launched by Union Minister Nitin Gadkari in March 2022?

- Ans**
- 1. Toyota Greed
  - 2. Toyota Mirai
  - 3. Toyota Yaris
  - 4. Toyota Urban

Question ID : 7518973961  
Option 1 ID : 75189715844  
Option 2 ID : 75189715843  
Option 3 ID : 75189715842  
Option 4 ID : 75189715841  
Status : Answered  
Chosen Option : 2

**Q.94** A is two years older than B, who is twice as old as C. If the total of their ages is 32, then what is the age of B?

- Ans**
- 1. 14 years
  - 2. 12 years
  - 3. 7 years
  - 4. 8 years

Question ID : 7518976149  
Option 1 ID : 75189724596  
Option 2 ID : 75189724595  
Option 3 ID : 75189724593  
Option 4 ID : 75189724594  
Status : Answered  
Chosen Option : 2

Q.95 If one angle of a triangle is equal to the sum of the other two angles, then the triangle is:

- Ans
- 1. an obtuse angle triangle
  - 2. an equilateral triangle
  - 3. an isosceles triangle
  - 4. a right-angle triangle

Question ID : 7518976197  
Option 1 ID : 75189724788  
Option 2 ID : 75189724787  
Option 3 ID : 75189724786  
Option 4 ID : 75189724785  
Status : Answered  
Chosen Option : 4

Q.96 A conductor is connected to a battery of 2V. Let  $V_1$  be the potential difference across the conductor. When a battery of 4V is connected, the potential difference becomes  $V_2$ . The ratio( $V_1/V_2$ ) is:

- Ans
- 1. 4
  - 2.  $\frac{1}{4}$
  - 3. 2
  - 4.  $\frac{1}{2}$

Question ID : 7518976673  
Option 1 ID : 75189726692  
Option 2 ID : 75189726689  
Option 3 ID : 75189726691  
Option 4 ID : 75189726690  
Status : Answered  
Chosen Option : 4

Q.97 Substance X, which is used as an antacid, reacts with dilute hydrochloric acid to produce a gas Y, which is used in one type of fire-extinguisher. The substance X and gas Y, respectively, are:

- Ans
- 1. NaCl,  $\text{CO}_2$
  - 2. NaOH,  $\text{CO}_2$
  - 3.  $\text{NaHCO}_3$ ,  $\text{CO}_2$
  - 4.  $\text{NaHCO}_3$ , CO

Question ID : 7518973622  
Option 1 ID : 75189714487  
Option 2 ID : 75189714486  
Option 3 ID : 75189714485  
Option 4 ID : 75189714488  
Status : Marked For Review  
Chosen Option : 3

**Q.98** An object is placed in front of a convex mirror of focal length 10 cm, at a distance of 15 cm. Its image is formed at a distance of \_\_\_\_\_ and is \_\_\_\_\_.

- Ans**
- 1. 6 cm, real
  - 2. 30 cm, real
  - 3. 30 cm, virtual
  - 4. 6 cm, virtual

Question ID : 7518976604  
Option 1 ID : 75189726413  
Option 2 ID : 75189726415  
Option 3 ID : 75189726416  
Option 4 ID : 75189726414  
Status : Answered  
Chosen Option : 4

**Q.99**  $7.44... + 3.77... - 2.55... =$

- Ans**
- 1.  $\frac{78}{9}$
  - 2.  $\frac{83}{9}$
  - 3.  $\frac{124}{9}$
  - 4.  $\frac{74}{9}$

Question ID : 7518975576  
Option 1 ID : 75189722302  
Option 2 ID : 75189722303  
Option 3 ID : 75189722304  
Option 4 ID : 75189722301  
Status : Answered  
Chosen Option : 1

**Q.100** The colour of scattered light depends on the size of the scattering particles. Very fine particles scatter mainly the \_\_\_\_\_ light.

- Ans**
- 1. yellow
  - 2. red
  - 3. green
  - 4. blue

Question ID : 7518976653  
Option 1 ID : 75189726612  
Option 2 ID : 75189726611  
Option 3 ID : 75189726609  
Option 4 ID : 75189726610  
Status : Answered  
Chosen Option : 4