



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	Surendra Institute of Engineering and Management
Test Date	18/09/2022
Test Time	5:00 PM - 6:30 PM
Subject	Level 1

* Note

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

- 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 The value of $2405 \div 13 \times 6 + 35$ is:

- Ans
- 1. 1035
 - 2. 1305
 - 3. 1235
 - 4. 1145

Question ID : 75189711184
Option 1 ID : 75189744733
Option 2 ID : 75189744734
Option 3 ID : 75189744736
Option 4 ID : 75189744735
Status : Answered
Chosen Option : 4

Q.2 Which of the following committees was constituted by RBI to study issues and concerns in the Micro Finance Institutions sector?

- Ans
- 1. Malhotra committee
 - 2. Kelkar committee
 - 3. Y H Malegam committee
 - 4. Abid Hussain committee

Question ID : 7518979407
Option 1 ID : 75189737628
Option 2 ID : 75189737626
Option 3 ID : 75189737625
Option 4 ID : 75189737627
Status : Not Answered
Chosen Option : --

Q.3 Each of the digits in the number 5384972 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

- Ans**
- 1. Two
 - 2. One
 - 3. Three
 - 4. None

Question ID : 7518979883
Option 1 ID : 75189739530
Option 2 ID : 75189739529
Option 3 ID : 75189739531
Option 4 ID : 75189739532
Status : Answered
Chosen Option : 4

Q.4 As of August 2022, the objective of the Maulana Azad Fellowship Scheme (MANF) is to provide _____ fellowships in the form of financial assistance to students from six notified minority communities, namely Buddhist, Christian, Jain, Muslim, Parsi and Sikh, notified by the Central Government, to pursue M.Phil. and Ph.D.

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

Question ID : 75189711100
Option 1 ID : 75189744398
Option 2 ID : 75189744397
Option 3 ID : 75189744400
Option 4 ID : 75189744399
Status : Not Answered
Chosen Option : --

Q.5 Punit was driving a car towards the north direction, then he turned to his left and drove 10 km. Again, he turned left and drove a distance of 20 km, and further took a left turn and drove a distance of 10 km. His present location is 10 km south of his starting point. How far did he drive towards the north direction initially? (All turns are 90 degree turns only)

- Ans**
- 1. 18 km
 - 2. 20 km
 - 3. 15 km
 - 4. 10 km

Question ID : 75189711580
Option 1 ID : 75189746320
Option 2 ID : 75189746318
Option 3 ID : 75189746319
Option 4 ID : 75189746317
Status : Answered
Chosen Option : 4

Q.6 Each vowel in the word 'PAIR' 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 of the word thus formed is arranged in alphabetical order, which letter will be third from the right?

- Ans**
- 1. Q
 - 2. B
 - 3. J
 - 4. O

Question ID : 75189711532
Option 1 ID : 75189746128
Option 2 ID : 75189746125
Option 3 ID : 75189746126
Option 4 ID : 75189746127
Status : Answered
Chosen Option : 2

Q.7 Let Chennai and Trivandrum be two stations 690 km apart. A train starts from Chennai at 8:00 p.m. and travels towards Trivandrum at a speed of 75 km/h. Another train starts from Trivandrum at 9:00 p.m. and travels towards Chennai on the parallel track at a speed of 60 km/h. At what time will they meet?

- Ans**
- 1. 01:43:20 a.m.
 - 2. 01:03:40 a.m.
 - 3. 01:23:30 a.m.
 - 4. 01:33:20 a.m.

Question ID : 75189711197
Option 1 ID : 75189744787
Option 2 ID : 75189744785
Option 3 ID : 75189744786
Option 4 ID : 75189744788
Status : Not Answered
Chosen Option : --

Q.8 _____ was among the 7 Recipients of the 2020 Tenzing Norgay National Award for land adventure, and received the award from then President Ram Nath Kovind during the 2021 National Sports Awards function.

- Ans**
- 1. Priyanka Mangesh Mohite
 - 2. Lt. Col. Servesh Dhadwal
 - 3. Jai Kishan
 - 4. Srikaanth Viswanathan

Question ID : 75189710400
Option 1 ID : 75189741597
Option 2 ID : 75189741599
Option 3 ID : 75189741600
Option 4 ID : 75189741598
Status : Not Answered
Chosen Option : --

Q.9 An open water drum is in the form of a cylinder. The height of the drum is 7 m and its internal diameter is 21 m. Find the area (in m^2) that needs to be painted if one wants to paint the inside of the drum.

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

- Ans**
- 1. 462
 - 2. 577.5
 - 3. 1155
 - 4. 808.5

Question ID : 75189710027
Option 1 ID : 75189740106
Option 2 ID : 75189740105
Option 3 ID : 75189740108
Option 4 ID : 75189740107
Status : Answered
Chosen Option : 1

Q.10 A man purchased two varieties of apples at the rate of ₹2 for 3 apples and ₹1 per apple, respectively. If he purchased an equal number of apples of each variety and then sold all his apples at ₹1 per apple, what was his profit percentage?

- Ans**
- 1. 22%
 - 2. 20%
 - 3. 15%
 - 4. 18%

Question ID : 7518979946
Option 1 ID : 75189739784
Option 2 ID : 75189739783
Option 3 ID : 75189739781
Option 4 ID : 75189739782
Status : Answered
Chosen Option : 2

Q.11 The average weight of 11 students is 50 kg. When the teacher's weight of 70 kg is added to the total, then the new average will be:

- Ans**
- 1. 50.66
 - 2. 53.66
 - 3. 51.36
 - 4. 51.66

Question ID : 7518979272
Option 1 ID : 75189737086
Option 2 ID : 75189737088
Option 3 ID : 75189737087
Option 4 ID : 75189737085
Status : Answered
Chosen Option : 4

Q.12 Supriya, Tanmay, Umesh, Viplav and Wasim are sitting around a circular table facing the centre (but not necessarily in the same order). Supriya is the immediate neighbour of Tanmay and Wasim. Umesh is to the immediate right of Tanmay. Viplav is the immediate neighbour of Umesh and Wasim.

Who is sitting to the immediate left of Supriya?

- Ans**
- 1. Tanmay
 - 2. Wasim
 - 3. Umesh
 - 4. Viplav

Question ID : 75189711422

Option 1 ID : 75189745685

Option 2 ID : 75189745688

Option 3 ID : 75189745686

Option 4 ID : 75189745687

Status : Answered

Chosen Option : 2

Q.13 Which of the following are bisexual flowers?

- Ans**
- 1. Watermelon and papaya
 - 2. Hibiscus and mustard
 - 3. Mustard and watermelon
 - 4. Papaya and hibiscus

Question ID : 75189710256

Option 1 ID : 75189741021

Option 2 ID : 75189741023

Option 3 ID : 75189741022

Option 4 ID : 75189741024

Status : Answered

Chosen Option : 2

Q.14 In the year 2022, which of the following chess champions was beaten by a 16-year old Indian chess player Rameshbabu Pragnanandhaa?

- Ans**
- 1. Anatoly Karpov
 - 2. Garry Kasparov
 - 3. Bobby Fischer
 - 4. Magnus Carlsen

Question ID : 75189710512

Option 1 ID : 75189742045

Option 2 ID : 75189742048

Option 3 ID : 75189742046

Option 4 ID : 75189742047

Status : Answered

Chosen Option : 4

Q.15 If the area of a square is 11025 cm^2 , then the length of its diagonal is:

- Ans
- ✓ 1. $105\sqrt{2}$ cm
 - ✗ 2. $125\sqrt{2}$ cm
 - ✗ 3. $135\sqrt{2}$ cm
 - ✗ 4. $115\sqrt{2}$ cm

Question ID : 75189711212
Option 1 ID : 75189744846
Option 2 ID : 75189744847
Option 3 ID : 75189744848
Option 4 ID : 75189744845
Status : Answered
Chosen Option : 1

Q.16 Considering Fleming's right hand rule, the thumb indicates:

- Ans
- ✗ 1. the magnetic force
 - ✗ 2. the induced EMF
 - ✓ 3. the motion of the conductor
 - ✗ 4. the magnetic flux

Question ID : 75189711378
Option 1 ID : 75189745510
Option 2 ID : 75189745512
Option 3 ID : 75189745509
Option 4 ID : 75189745511
Status : Not Attempted and
Marked For Review
Chosen Option : --

Q.17 Change in savings ÷ Change in Income = _____.

- Ans
- ✓ 1. Marginal propensity to save
 - ✗ 2. Marginal propensity to consume
 - ✗ 3. Average propensity to save
 - ✗ 4. Average propensity to consume

Question ID : 7518978544
Option 1 ID : 75189734174
Option 2 ID : 75189734175
Option 3 ID : 75189734173
Option 4 ID : 75189734176
Status : Not Answered
Chosen Option : --

Q.18 Simplify the given expression.

$$[13 - (-2) \times \{6 - (7 - 3)\}] \div [4 \times \{5 + (-2) \times (-6)\}]$$

Ans

✓ 1. $\frac{1}{4}$

✗ 2. $\frac{7}{34}$

✗ 3. $-\frac{17}{68}$

✗ 4. $\frac{-1}{3}$

Question ID : 75189711381

Option 1 ID : 75189745522

Option 2 ID : 75189745523

Option 3 ID : 75189745524

Option 4 ID : 75189745521

Status : Answered

Chosen Option : 1

Q.19 Which of the following can change sex, indicating that sex is not genetically determined?

Ans

✗ 1. Frog

✗ 2. Snake

✗ 3. Fish

✓ 4. Snail

Question ID : 75189710248

Option 1 ID : 75189740990

Option 2 ID : 75189740989

Option 3 ID : 75189740991

Option 4 ID : 75189740992

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.20 This question is based on the five, three-digit numbers given below.

465 638 359 987 563

If the positions of the first two digits in each number are reversed, then the difference between the first digit of the greatest number and the first digit of the lowest number is equal to:

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

- Ans**
- 1. 7
 - 2. 6
 - 3. 4
 - 4. 5

Question ID : 7518979006
 Option 1 ID : 75189736021
 Option 2 ID : 75189736022
 Option 3 ID : 75189736024
 Option 4 ID : 75189736023
 Status : Answered
 Chosen Option : 4

Q.21 Two wires, A and B, are made of the same material, but the length of A is 3 times that of B, and the cross-section of A is

$\frac{1}{4}$ th of that of B. The resistance of A is:

- Ans**
- 1. 6 times that of B
 - 2. 9 times that of B
 - 3. 12 times that of B
 - 4. 3 times that of B

Question ID : 75189711327
 Option 1 ID : 75189745306
 Option 2 ID : 75189745307
 Option 3 ID : 75189745308
 Option 4 ID : 75189745305
 Status : Answered
 Chosen Option : 3

Q.22 Taruni drives 65 km towards the east to reach city park. Then she turns right and drives another 85 km, then turns left and drives another 53 km to reach the metro station. In which direction is she facing now? (All turns are 90 degree turns only)

- Ans**
- 1. South
 - 2. East
 - 3. West
 - 4. North

Question ID : 75189711587
 Option 1 ID : 75189746348
 Option 2 ID : 75189746345
 Option 3 ID : 75189746346
 Option 4 ID : 75189746347
 Status : Answered
 Chosen Option : 2

Q.23 Three statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

- Some blues are greens.
- All greens are emeralds.
- All emeralds are gems.

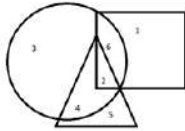
Conclusions:

- I. Some blues are gems.
- II. Some gems are greens.

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

Question ID : 75189711678
 Option 1 ID : 75189746712
 Option 2 ID : 75189746710
 Option 3 ID : 75189746709
 Option 4 ID : 75189746711
 Status : Answered
 Chosen Option : 4

Q.24 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. The circle represents 'professors', the square represents 'poets', and the triangle represents 'women'. How many professors are there who are women and also poets?



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



Question ID : 75189711481
 Option 1 ID : 75189745921
 Option 2 ID : 75189745922
 Option 3 ID : 75189745923
 Option 4 ID : 75189745924
 Status : Answered
 Chosen Option : 2

Q.25 The tenure of the Village Panchayat is for how many years?

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

Question ID : 75189710506
Option 1 ID : 75189742021
Option 2 ID : 75189742022
Option 3 ID : 75189742024
Option 4 ID : 75189742023
Status : Answered
Chosen Option : 3

Q.26 What is the name of India's first indigenous aircraft carrier?

- Ans
- 1. INS Vishakhapatnam
 - 2. INS Virat
 - 3. INS Vikrant
 - 4. INS Vijaya

Question ID : 75189710525
Option 1 ID : 75189742099
Option 2 ID : 75189742098
Option 3 ID : 75189742100
Option 4 ID : 75189742097
Status : Answered
Chosen Option : 3

Q.27 Convert $0.2\bar{6}$ into a proper fraction.

- Ans
- 1. $\frac{5}{17}$
 - 2. $\frac{7}{33}$
 - 3. $\frac{8}{21}$
 - 4. $\frac{4}{15}$

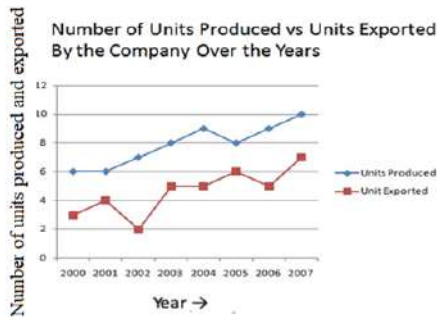
Question ID : 75189711187
Option 1 ID : 75189744746
Option 2 ID : 75189744747
Option 3 ID : 75189744748
Option 4 ID : 75189744745
Status : Answered
Chosen Option : 4

Q.28 Nuakhai is an agricultural or harvesting festival mainly observed by people of which state in India?

- Ans**
- 1. Madhya Pradesh
 - 2. Manipur
 - 3. Odisha
 - 4. Kerala

Question ID : 75189710430
 Option 1 ID : 75189741720
 Option 2 ID : 75189741719
 Option 3 ID : 75189741717
 Option 4 ID : 75189741718
 Status : Answered
 Chosen Option : 3

Q.29 The following graph shows the number of units produced and number of units exported by a company over the years. Study the graph and answer the question that follows.



During which year did the units produced decline?

- Ans**
- 1. 2005 - 2006
 - 2. 2000 - 2001
 - 3. 2001 - 2002
 - 4. 2004 - 2005

Question ID : 75189711650
 Option 1 ID : 75189746599
 Option 2 ID : 75189746597
 Option 3 ID : 75189746600
 Option 4 ID : 75189746598
 Status : Not Answered
 Chosen Option : --

Q.30 What percentage of 1 is $6\frac{3}{4}$?

- Ans
- 1. 575
 - 2. 625
 - 3. 675
 - 4. 525

Question ID : 75189710637
Option 1 ID : 75189742547
Option 2 ID : 75189742545
Option 3 ID : 75189742548
Option 4 ID : 75189742546
Status : Answered
Chosen Option : 3

Q.31 In which of the following processes is the pyruvate converted into ethanol and carbon dioxide?

- Ans
- 1. Diffusion
 - 2. Translocation
 - 3. Fermentation
 - 4. Transpiration

Question ID : 75189710159
Option 1 ID : 75189740634
Option 2 ID : 75189740633
Option 3 ID : 75189740636
Option 4 ID : 75189740635
Status : Answered
Chosen Option : 4

Q.32 Which of the following is the correct product formed by the combination reaction of calcium oxide with water?

- Ans
- 1. Calcium bicarbonate
 - 2. Calcium hydroxide
 - 3. No reaction takes place
 - 4. Calcium carbonate

Question ID : 75189711862
Option 1 ID : 75189747447
Option 2 ID : 75189747446
Option 3 ID : 75189747448
Option 4 ID : 75189747445
Status : Answered
Chosen Option : 2

Q.33 The price of bananas is ₹x per kg. If the price per kg of apples is ₹5 more than the price per kg of bananas, then the price (in ₹) of 5 kg of apples and 3 kg of bananas is:

- Ans**
- ✓ 1. $8x + 25$
 - ✗ 2. $6x + 20$
 - ✗ 3. $8x + 20$
 - ✗ 4. $6x + 25$

Question ID : 7518979989
 Option 1 ID : 75189739953
 Option 2 ID : 75189739956
 Option 3 ID : 75189739955
 Option 4 ID : 75189739954
 Status : Answered
 Chosen Option : 1

Q.34 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.

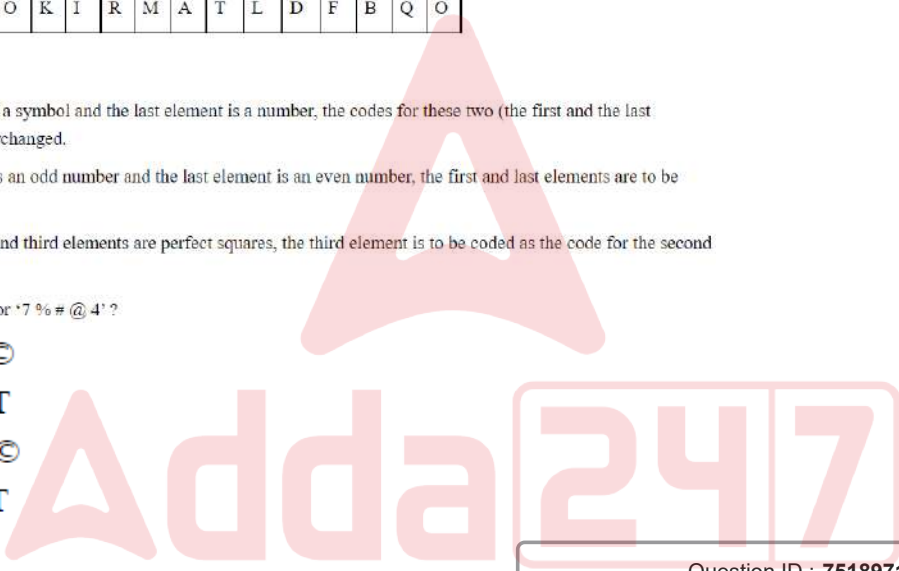
Number/symbol	7	@	3	\$	^	7	6	4	%	&	#	2	*	9
Code Letter	G	O	K	I	R	M	A	T	L	D	F	B	Q	O

Conditions:

- (i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as ©.
- (iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for *7 % # @ 4?

- Ans**
- ✗ 1. GLFO©
 - ✗ 2. ©LFOT
 - ✓ 3. ©LFO©
 - ✗ 4. GLFOT



Question ID : 75189711055
 Option 1 ID : 75189744220
 Option 2 ID : 75189744218
 Option 3 ID : 75189744219
 Option 4 ID : 75189744217
 Status : Not Attempted and Marked For Review
 Chosen Option : --

Q.35 A man purchased 50 dozen bananas for a certain amount. He could not sell five dozen of those bananas as they were spoiled. He sold two-thirds of the good bananas at a profit of 20% per dozen and sold the remaining good bananas at a profit of 5% per dozen. What was his loss or gain percentage in the whole transaction?

- Ans**
- 1. 3.5% gain
 - 2. 3.5% loss
 - 3. 2.5% loss
 - 4. 2.5% gain

Question ID : 75189711194

Option 1 ID : 75189744774

Option 2 ID : 75189744773

Option 3 ID : 75189744775

Option 4 ID : 75189744776

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

Chosen Option : --

Q.36 The SAFE (SIDBI Assistance to Facilitate Emergency response against Corona Virus) scheme, launched by SIDBI (Small Industries Development Bank of India) in March 2020, provided loans at an interest rate of _____ per annum.

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

Question ID : 7518978550

Option 1 ID : 75189734197

Option 2 ID : 75189734200

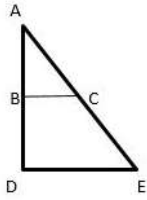
Option 3 ID : 75189734199

Option 4 ID : 75189734198

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

Chosen Option : --

Q.37 Given that $\triangle ABC$ and $\triangle ADE$ are similar, which of the following options is necessarily true?



- Ans
- ✓ 1. $\frac{AB}{AD} = \frac{BC}{DE}$
 - ✗ 2. $\frac{EC}{AC} = \frac{AD}{DE}$
 - ✗ 3. $\frac{BC}{BD} = \frac{CE}{DE}$
 - ✗ 4. $\frac{BC}{BD} = \frac{AB}{AC}$

Question ID : 7518979111
 Option 1 ID : 75189736443
 Option 2 ID : 75189736442
 Option 3 ID : 75189736441
 Option 4 ID : 75189736444
 Status : Answered
 Chosen Option : 1

Q.38 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 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 : 42 :: 9 : 54 :: 11 : ?

- Ans
- ✗ 1. 55
 - ✗ 2. 77
 - ✓ 3. 66
 - ✗ 4. 88

Question ID : 75189711617
 Option 1 ID : 75189746465
 Option 2 ID : 75189746467
 Option 3 ID : 75189746466
 Option 4 ID : 75189746468
 Status : Answered
 Chosen Option : 3

Q.39 In a circuit, there are five resistors each of $5\ \Omega$, and they are connected in such a way that the resistance of the circuit is the maximum. Now this circuit is connected to a battery of 15 V. The current flowing through the circuit is:

- Ans**
- 1. 0.4 A
 - 2. 0.9 A
 - 3. 0.6 A
 - 4. 0.8 A

Question ID : 75189711334
Option 1 ID : 75189745333
Option 2 ID : 75189745336
Option 3 ID : 75189745334
Option 4 ID : 75189745335
Status : Answered
Chosen Option : 3

Q.40 Which of the following statements is INCORRECT about properties of ionic compounds?

- Ans**
- 1. Ionic compounds have high melting and boiling points.
 - 2. Electrovalent compounds are generally soluble in water and insoluble in petrol.
 - 3. Ionic compounds are solids because of the weak force of attractions between positive and negative ions.
 - 4. Ionic compounds are generally brittle and break into pieces when pressure is applied.

Question ID : 75189710377
Option 1 ID : 75189741507
Option 2 ID : 75189741508
Option 3 ID : 75189741505
Option 4 ID : 75189741506
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.41 If $x + \frac{1}{x} = 3$, then $x^6 + \frac{1}{x^6}$ is:

- Ans**
- 1. 364
 - 2. 927
 - 3. 414
 - 4. 322

Question ID : 7518978735
Option 1 ID : 75189734939
Option 2 ID : 75189734937
Option 3 ID : 75189734938
Option 4 ID : 75189734940
Status : Answered
Chosen Option : 4

Q.42 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

33 : 55 :: 46 : 68 :: 68 : ?

- Ans**
- 1. 90
 - 2. 100
 - 3. 94
 - 4. 96

Question ID : **7518978312**

Option 1 ID : **75189733247**

Option 2 ID : **75189733248**

Option 3 ID : **75189733245**

Option 4 ID : **75189733246**

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

Chosen Option : --

Q.43 Which of the following State's police introduced 'Pink Beat' patrols for enhancing the safety for women and children in public places?

- Ans**
- 1. Kerala
 - 2. Karnataka
 - 3. Maharashtra
 - 4. Odisha

Question ID : **75189710530**

Option 1 ID : **75189742118**

Option 2 ID : **75189742120**

Option 3 ID : **75189742119**

Option 4 ID : **75189742117**

Status : **Not Answered**

Chosen Option : --

Q.44 A certain number of advocates are sitting in a row in a bar council, facing north. Piyush is an immediate neighbour of both Vinod and Taman, while Rudir is an immediate neighbour of both Taman and Biswas. Vinod is sitting at the extreme right end. There are only two advocates to the left of Biswas. If no other advocate is sitting in the row, what is the total number of advocates seated in that row?

- Ans**
- 1. Seven
 - 2. Ten
 - 3. Eight
 - 4. Nine

Question ID : **75189711464**

Option 1 ID : **75189745856**

Option 2 ID : **75189745855**

Option 3 ID : **75189745853**

Option 4 ID : **75189745854**

Status : **Not Answered**

Chosen Option : --

Q.45 The volume of a cuboid is $5a^2 - 80b^2$. Which of the options below can be possible dimensions of the cuboid?

- Ans
- 1. $5, 2a - b, 2a + b$
 - 2. $5, a - 4b, a + 4b$
 - 3. $5, a - b, a + 4b$
 - 4. $5, 2a - b, a + 2b$

Question ID : 75189711205
Option 1 ID : 75189744817
Option 2 ID : 75189744820
Option 3 ID : 75189744819
Option 4 ID : 75189744818
Status : Answered
Chosen Option : 2

Q.46 Silver chloride turns grey in sunlight.

Which of the following is the correct explanation for the given statement?

- Ans
- 1. Displacement of silver chloride into silver and chlorine by light.
 - 2. Decomposition of silver chloride into silver and chlorine by light
 - 3. Displacement of silver chloride into silver oxide and chlorine by light.
 - 4. Decomposition of silver chloride into silver oxide and chlorine by light.

Question ID : 75189711870
Option 1 ID : 75189747477
Option 2 ID : 75189747479
Option 3 ID : 75189747480
Option 4 ID : 75189747478
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.47 When was Coal India Limited came into existence?

- Ans
- 1. 1975
 - 2. 1978
 - 3. 1976
 - 4. 1977

Question ID : 75189710582
Option 1 ID : 75189742325
Option 2 ID : 75189742328
Option 3 ID : 75189742326
Option 4 ID : 75189742327
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.48 The tissue that stores fat is called:

- Ans
- 1. connective tissue
 - 2. areolar tissue
 - 3. epithelial tissue
 - 4. adipose tissue

Question ID : 75189710181

Option 1 ID : 75189740722

Option 2 ID : 75189740721

Option 3 ID : 75189740724

Option 4 ID : 75189740723

Status : Answered

Chosen Option : 4

Q.49 An object is placed at a distance of 0.5 m in front of a converging mirror. If the focal length of the mirror is 0.2 m, then the magnification of the image is:

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

Question ID : 75189711271

Option 1 ID : 75189745084

Option 2 ID : 75189745083

Option 3 ID : 75189745082

Option 4 ID : 75189745081

Status : Answered

Chosen Option : 3

Q.50 C, E, K, M, O, Q and Z are sitting around a round table facing towards the center (but not necessarily in the same order). C is the immediate neighbour of Z and M. O is neither an immediate neighbour of M nor E. Q, who is second to the left of O has K and E as immediate neighbours?
Who is sitting to the immediate right of O?

- Ans
- 1. K
 - 2. G
 - 3. Z
 - 4. M

Question ID : 75189710733

Option 1 ID : 75189742931

Option 2 ID : 75189742929

Option 3 ID : 75189742932

Option 4 ID : 75189742930

Status : Answered

Chosen Option : 3

Q.51 In this question, the statement is followed by four conclusions. Find out which conclusion is true based on the given statement:

Statement: $W \leq P < S > Y = R \geq T > M$

- Ans**
- 1. $Y \geq P$
 - 2. $S > W$
 - 3. $M > R$
 - 4. $Y < P$

Question ID : 75189710810
Option 1 ID : 75189743239
Option 2 ID : 75189743238
Option 3 ID : 75189743240
Option 4 ID : 75189743237
Status : Answered
Chosen Option : 2

Q.52 Which Vedic God falls under the category of 'Prithivisthana'(Terrestrial God)?

- Ans**
- 1. Vishnu
 - 2. Brihaspati
 - 3. Varuna
 - 4. Indra

Question ID : 7518979401
Option 1 ID : 75189737604
Option 2 ID : 75189737601
Option 3 ID : 75189737603
Option 4 ID : 75189737602
Status : Not Answered
Chosen Option : --

Q.53 Which of the following numbers will replace the question mark (?) in the given series?

6, 12, 30, 84, 246, ?

- Ans**
- 1. 732
 - 2. 763
 - 3. 741
 - 4. 743

Question ID : 75189711604
Option 1 ID : 75189746414
Option 2 ID : 75189746415
Option 3 ID : 75189746413
Option 4 ID : 75189746416
Status : Answered
Chosen Option : 1

Q.54 If 3 is a root of the equation $x^2 - px + 15 = 0$ and the quadratic equation $x^2 + px + q = 0$ has equal roots, then the value of q is:

- Ans**
- ✓ 1. 16
 - ✗ 2. 12
 - ✗ 3. 64
 - ✗ 4. 32

Question ID : 75189711210
Option 1 ID : 75189744839
Option 2 ID : 75189744838
Option 3 ID : 75189744837
Option 4 ID : 75189744840
Status : Not Answered
Chosen Option : --

Q.55 Which of the following is the longest range in the lesser Himalayas?

- Ans**
- ✗ 1. Karakoram Range
 - ✓ 2. Pir Panjal Range
 - ✗ 3. Zaskar Range
 - ✗ 4. Ladakh Range

Question ID : 7518977537
Option 1 ID : 75189730147
Option 2 ID : 75189730145
Option 3 ID : 75189730146
Option 4 ID : 75189730148
Status : Not Answered
Chosen Option : --

Q.56 The value of $16^3 - 12^3$ is:

- Ans**
- ✗ 1. 2388
 - ✓ 2. 2368
 - ✗ 3. 2378
 - ✗ 4. 2358

Question ID : 7518979986
Option 1 ID : 75189739944
Option 2 ID : 75189739942
Option 3 ID : 75189739943
Option 4 ID : 75189739941
Status : Answered
Chosen Option : 2

Q.57 What are the chemical formulas of gypsum and plaster of Paris, respectively?

- Ans
- 1. $\text{CaCO}_3 \cdot 1/2\text{H}_2\text{O}$ and $\text{CaCO}_3 \cdot 2\text{H}_2\text{O}$
 - 2. $\text{CaSO}_4 \cdot 1/2\text{H}_2\text{O}$ and $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$
 - 3. $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ and $\text{CaSO}_4 \cdot 1/2\text{H}_2\text{O}$
 - 4. $\text{CaCO}_3 \cdot 2\text{H}_2\text{O}$ and $\text{CaCO}_3 \cdot 1/2\text{H}_2\text{O}$

Question ID : 75189710372

Option 1 ID : 75189741487

Option 2 ID : 75189741486

Option 3 ID : 75189741488

Option 4 ID : 75189741485

Status : Answered

Chosen Option : 3

Q.58 Six players, Aman, Bidya, Chahal, Druv, Elia and Flintoff, were born on different dates 1st, 2nd, 3rd, 4th, 5th and 6th of the same month. None of them were born after Druv, who was born on the date which is immediately after Elia. Only three players were born before Aman. Only two players were born between Chahal and Elia. Bidya was not born after Chahal.

Who among the following was born on 3rd?

- Ans
- 1. Flintoff
 - 2. Bidya
 - 3. Aman
 - 4. Chahal

Question ID : 75189711454

Option 1 ID : 75189745815

Option 2 ID : 75189745813

Option 3 ID : 75189745816

Option 4 ID : 75189745814

Status : Answered

Chosen Option : 1

Q.59 If $a : b :: b : c$; $c = 4a$; and $b = 6$, find the positive value of c .

- Ans
- 1. 7
 - 2. 12
 - 3. 8
 - 4. 9

Question ID : 7518979930

Option 1 ID : 75189739720

Option 2 ID : 75189739717

Option 3 ID : 75189739719

Option 4 ID : 75189739718

Status : Answered

Chosen Option : 2

Q.60 Letters are coded as numbers/symbols as per the table given below and the conditions which follow. Refer to the codes and conditions and then select the correct code for JUPITER.

Letters	A	C	P	I	T	U	E	R	J
Number/Symbol	+	8	-	6	%	@	4	9	#

Conditions:

- (i) If a letter is immediately followed by a vowel, it will be coded as 7.
- (ii) If a word ends with a vowel, the vowel will be coded as 3.

- Ans**
- 1. #@-6%49
 - 2. 7@-6%49
 - 3. 7@76749
 - 4. 7@76%49

Question ID : 7518979761
 Option 1 ID : 75189739043
 Option 2 ID : 75189739042
 Option 3 ID : 75189739044
 Option 4 ID : 75189739041
 Status : Not Answered
 Chosen Option : --

Q.61 If the value of the refractive index increases then:

- Ans**
- 1. deviation decreases
 - 2. deviation in direction of light increases
 - 3. there is no deviation in direction of light
 - 4. light will follow curved path

Question ID : 7518979508
 Option 1 ID : 75189738029
 Option 2 ID : 75189738031
 Option 3 ID : 75189738030
 Option 4 ID : 75189738032
 Status : Answered
 Chosen Option : 2

Q.62 Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

_ T U _ R T _ S _ _ W S R T X _

- Ans
- 1. RTUSRX
 - 2. RSVRTS
 - 3. RSVTRR
 - 4. RSVRTR

Question ID : 75189710829
Option 1 ID : 75189743313
Option 2 ID : 75189743316
Option 3 ID : 75189743314
Option 4 ID : 75189743315
Status : Not Answered
Chosen Option : --

Q.63 Simplify the given expression.

$$6.5 \times [22.6 \div \{14.5 + 2.8 - 4.2 \div 0.7\}]$$

- Ans
- 1. 6.23
 - 2. 4
 - 3. 13
 - 4. 8.75

Question ID : 75189711380
Option 1 ID : 75189745519
Option 2 ID : 75189745520
Option 3 ID : 75189745517
Option 4 ID : 75189745518
Status : Answered
Chosen Option : 3

Q.64 Which of the following is the respiratory organ in earthworms?

- Ans
- 1. Gill pouches
 - 2. Spiracles
 - 3. Skin
 - 4. Lungs (air sacs)

Question ID : 75189710091
Option 1 ID : 75189740361
Option 2 ID : 75189740362
Option 3 ID : 75189740363
Option 4 ID : 75189740364
Status : Answered
Chosen Option : 3

Q.65 The difference between two numbers is 26. One number is 3 times of the other. The smaller number is:

- Ans
- 1. 52
 - 2. 13
 - 3. 26
 - 4. 39

Question ID : 7518979990
Option 1 ID : 75189739960
Option 2 ID : 75189739957
Option 3 ID : 75189739958
Option 4 ID : 75189739959
Status : Answered
Chosen Option : 2

Q.66 Which of the following substances is/are NOT reabsorbed by the kidneys?

- Ans
- 1. Glucose
 - 2. Creatinine
 - 3. Amino acids
 - 4. Salts

Question ID : 7518977838
Option 1 ID : 75189731351
Option 2 ID : 75189731349
Option 3 ID : 75189731350
Option 4 ID : 75189731352
Status : Not Answered
Chosen Option : --

Q.67 Prohibition of discrimination on grounds of religion, race, caste, sex or place of birth, has been laid under _____ of the Fundamental Rights in the Constitution of India.

- Ans
- 1. Article 16
 - 2. Article 17
 - 3. Article 15
 - 4. Article 14

Question ID : 75189710495
Option 1 ID : 75189741979
Option 2 ID : 75189741980
Option 3 ID : 75189741978
Option 4 ID : 75189741977
Status : Answered
Chosen Option : 3

Q.68 The refractive indices of mediums 1, 2 and 3 are 1.50, 1.36 and 1.54, respectively. If the speed of light in the mediums are v_1 , v_2 and v_3 , respectively, which of the following relations between them is correct?

- Ans**
- ✓ 1. $v_2 > v_1 > v_3$
 - ✗ 2. $v_1 = v_2 = v_3$
 - ✗ 3. $v_1 > v_3 > v_2$
 - ✗ 4. $v_3 > v_2 > v_1$

Question ID : 7518976619
 Option 1 ID : 75189726474
 Option 2 ID : 75189726476
 Option 3 ID : 75189726473
 Option 4 ID : 75189726475
 Status : Answered
 Chosen Option : 1

Q.69 What is $6^0 \times 4^2 \times 2^{-4}$?

- Ans**
- ✗ 1. 2
 - ✗ 2. 4
 - ✗ 3. 0
 - ✓ 4. 1

Question ID : 75189711382
 Option 1 ID : 75189745527
 Option 2 ID : 75189745528
 Option 3 ID : 75189745525
 Option 4 ID : 75189745526
 Status : Answered
 Chosen Option : 4

Q.70 Evaluate

$$.1 \times .1 \times .1 + .02 \times .02 \times .02$$

$$.2 \times .2 \times .2 + .04 \times .04 \times .04$$

- Ans**
- ✗ 1. 0.0125
 - ✗ 2. 0.25
 - ✗ 3. 0.5
 - ✓ 4. 0.125

Question ID : 75189711384
 Option 1 ID : 75189745536
 Option 2 ID : 75189745534
 Option 3 ID : 75189745533
 Option 4 ID : 75189745535
 Status : Answered
 Chosen Option : 3

Q.71 The average score of a cricketer for 10 matches is 40 runs. If the average for the first six matches is 44, then the average runs of the last four matches is:

- Ans**
- 1. 20
 - 2. 38
 - 3. 42
 - 4. 34

Question ID : 75189710678
 Option 1 ID : 75189742709
 Option 2 ID : 75189742712
 Option 3 ID : 75189742710
 Option 4 ID : 75189742711
 Status : Answered
 Chosen Option : 4

Q.72 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

DXB : GSI :: KVR : NQY :: JNP : ?

- Ans**
- 1. MIW
 - 2. NIW
 - 3. MHW
 - 4. MIV

Question ID : 75189710901
 Option 1 ID : 75189743604
 Option 2 ID : 75189743602
 Option 3 ID : 75189743603
 Option 4 ID : 75189743601
 Status : Answered
 Chosen Option : 1

Q.73 A sum of money is to be distributed among the partners A, B and C in the proportion of $3 : 2 : 1\frac{1}{3}$. If A gets ₹1,500 more than B, then C's share is:

- Ans**
- 1. ₹2,500
 - 2. ₹3,750
 - 3. ₹2,000
 - 4. ₹3,400

Question ID : 75189711191
 Option 1 ID : 75189744762
 Option 2 ID : 75189744761
 Option 3 ID : 75189744763
 Option 4 ID : 75189744764
 Status : Answered
 Chosen Option : 3

Q.74 Which of the following is a quadratic equation written in standard form?

- Ans 1. $5x^2 + 3x - 1 = 0$
2. $5x^2 + 3 = \frac{1}{x}$
3. $x^{-2} + 7x = 8$
4. $x^3 + 5x^2 + 3 = x^4$

Question ID : 7518979300
Option 1 ID : 75189737199
Option 2 ID : 75189737197
Option 3 ID : 75189737200
Option 4 ID : 75189737198
Status : Answered
Chosen Option : 1

Q.75 Out of his total monthly salary, Mohan spends 20% on house rent and 50% of the rest is his total household expenditure.
If he saves ₹10,600, then his total monthly salary is:

- Ans 1. ₹24,500
2. ₹25,000
3. ₹27,000
4. ₹26,500

Question ID : 7518979228
Option 1 ID : 75189736911
Option 2 ID : 75189736909
Option 3 ID : 75189736912
Option 4 ID : 75189736910
Status : Answered
Chosen Option : 4

Q.76 Refer to the following number series and answer the question that follows.

(Left) 2 5 4 3 3 4 5 2 4 6 5 1 1 4 6 7 4 5 8 7 3 1 5 7 (Right)

If every odd number in the above series is dropped, which number would appear at the eighth place from the right?

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

Question ID : 7518977980
Option 1 ID : 75189731920
Option 2 ID : 75189731917
Option 3 ID : 75189731919
Option 4 ID : 75189731918
Status : Answered
Chosen Option : 1

Q.77 Which statement shows interaction of an abiotic component with a biotic component in an ecosystem?

- Ans
- 1. Tap water running into a stream
 - 2. An earthworm making a burrow in the soil
 - 3. Two birds fighting with each other for food
 - 4. A frog feeding on a grasshopper

Question ID : 7518974659

Option 1 ID : 75189718634

Option 2 ID : 75189718635

Option 3 ID : 75189718636

Option 4 ID : 75189718633

Status : Marked For Review

Chosen Option : 1

Q.78 Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$$7.98 \times 2 + 3.96 \times 6 - 18 \div 2 + 1 = ?$$

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

Question ID : 7518975095

Option 1 ID : 75189720380

Option 2 ID : 75189720377

Option 3 ID : 75189720379

Option 4 ID : 75189720378

Status : Answered

Chosen Option : 3

Q.79 Which Indian state has the largest reserves of Bauxite as per Indian Minerals Yearbook 2017?

- Ans
- 1. Jharkhand
 - 2. Madhya Pradesh
 - 3. Odisha
 - 4. Andhra Pradesh

Question ID : 7518977258

Option 1 ID : 75189729031

Option 2 ID : 75189729032

Option 3 ID : 75189729030

Option 4 ID : 75189729029

Status : Answered

Chosen Option : 2

Q.80 The Hindu Widows' Remarriage Act was passed in the year _____ legalising the remarriage of widows in all jurisdictions of India under East India Company rule.

- Ans**
- ✓ 1. 1856
 - ✗ 2. 1858
 - ✗ 3. 1859
 - ✗ 4. 1857

Question ID : **75189710423**
Option 1 ID : **75189741689**
Option 2 ID : **75189741691**
Option 3 ID : **75189741692**
Option 4 ID : **75189741690**
Status : **Answered**
Chosen Option : 1

Q.81 A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

People are becoming more conscious about moving towards a healthy lifestyle.

Arguments:

- I. Many people are switching to organic farming as the food is healthier.
- II. People are planning meals and cooking at home more than before.

- 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
 - ✓ 4. Both I and II strengthen the statement

Question ID : **75189711697**
Option 1 ID : **75189746787**
Option 2 ID : **75189746785**
Option 3 ID : **75189746786**
Option 4 ID : **75189746788**
Status : **Answered**
Chosen Option : 4

Q.82 Two statements are given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statements.

Statement: $A = T > I > D$, $Q > M > J > T$

- Ans**
- 1. $D < Q$
 - 2. $M < I$
 - 3. $I > Q$
 - 4. $A = Q$

Question ID : 7518979736

Option 1 ID : 75189738942

Option 2 ID : 75189738943

Option 3 ID : 75189738941

Option 4 ID : 75189738944

Status : Answered

Chosen Option : 1

Q.83 In Newlands' octaves, which of the following pairs of elements were placed in the same column along with H, F, Cl and Br?

- Ans**
- 1. Co and Ni
 - 2. Cr and Zr
 - 3. P and S
 - 4. C and K

Question ID : 75189711923

Option 1 ID : 75189747689

Option 2 ID : 75189747691

Option 3 ID : 75189747690

Option 4 ID : 75189747692

Status : Not Answered

Chosen Option : --

Q.84 In the displacement reaction between iron metal and copper sulphate solution _____.

- Ans**
- 1. iron displaces copper from copper sulphate solution because it is less reactive than copper
 - 2. iron displaces sulphate from copper sulphate solution because it is more reactive than sulphate
 - 3. iron displaces copper from copper sulphate solution because it is more reactive than copper
 - 4. iron displaces sulphate from copper sulphate solution because it is less reactive than sulphate

Question ID : 75189711872

Option 1 ID : 75189747487

Option 2 ID : 75189747486

Option 3 ID : 75189747485

Option 4 ID : 75189747488

Status : Answered

Chosen Option : 3

Q.85 Which of the following conditions is NOT required by a candidate to become the President of India?

- Ans
- 1. Should be a citizen of India
 - 2. Should have completed the age of 35 years
 - 3. Should have 10 years of experience in the parliament
 - 4. Should not hold any office of profit

Question ID : 7518978933
Option 1 ID : 75189735729
Option 2 ID : 75189735730
Option 3 ID : 75189735731
Option 4 ID : 75189735732
Status : Answered
Chosen Option : 3

Q.86 On 28 March 2022, Minister of Information and Broadcasting of India, Anurag Thakur launched a scheme called TEJAS at Dubai Expo, which is an initiative under the Skill India International Project to train Indians so that they can get employed overseas. What is the full form of TEJAS?

- Ans
- 1. Training for Eccentric Jobs and Skills
 - 2. Training for Emirates Jobs and Skills
 - 3. Technology for Emirates Jobs and Skills
 - 4. Training for Empowering Jobs and Skills

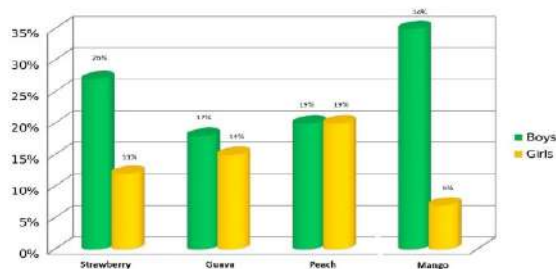
Question ID : 7518979359
Option 1 ID : 75189737434
Option 2 ID : 75189737433
Option 3 ID : 75189737435
Option 4 ID : 75189737436
Status : Not Answered
Chosen Option : --

Q.87 If 15 May 2001 is a Tuesday, then what will be the day of the week on 11 June 2013?

- Ans
- 1. Sunday
 - 2. Monday
 - 3. Wednesday
 - 4. Tuesday

Question ID : 75189711663
Option 1 ID : 75189746652
Option 2 ID : 75189746649
Option 3 ID : 75189746651
Option 4 ID : 75189746650
Status : Answered
Chosen Option : 2

Q.88 The percentage of boys and girls liking four different fruits are shown in the following graph. Study the graph and answer the question.



The respective ratio of the number of boys to the number of girls is 2 : 3. If the total number of boys and girls together is 11,500, then total how many boys and how many girls like peaches?

- Ans**
- 1. 1311 boys and 1311 girls
 - 2. 874 boys and 874 girls
 - 3. 874 boys and 1311 girls
 - 4. 1311 boys and 874 girls

Question ID : 75189711249
 Option 1 ID : 75189744996
 Option 2 ID : 75189744994
 Option 3 ID : 75189744993
 Option 4 ID : 75189744995
 Status : Not Answered
 Chosen Option : --

Q.89 Which of the following compounds does NOT belong to the homologous series of alcohols?

- Ans**
- 1. $C_4H_{10}OH$
 - 2. C_3H_7OH
 - 3. C_2H_5OH
 - 4. CH_3OH

Question ID : 75189710321
 Option 1 ID : 75189741283
 Option 2 ID : 75189741282
 Option 3 ID : 75189741281
 Option 4 ID : 75189741284
 Status : Answered
 Chosen Option : 1

Q.90 In which year, were the total faecal coliform levels from Gangotri to Diamond harbour, high?

- Ans 1. 2007
 2. 2011
 3. 2020
 4. 2014

Question ID : 75189710282
Option 1 ID : 75189741127
Option 2 ID : 75189741128
Option 3 ID : 75189741125
Option 4 ID : 75189741126
Status : Not Answered
Chosen Option : --

Q.91 Which of the following was considered as a limitation of Mendeleev's periodic table?

- Ans 1.
Resemblance of hydrogen to alkali metals as well as halogens and a specific position was assigned to hydrogen.
 2.
Resemblance of hydrogen to alkali metals as well as halogens and no specific position was assigned to hydrogen
 3.
Resemblance of hydrogen to alkaline earth metals as well as halogens and no specific position was assigned to hydrogen
 4.
Resemblance of hydrogen to alkaline earth metals as well as halogens and a specific position was assigned to hydrogen

Question ID : 75189711926
Option 1 ID : 75189747701
Option 2 ID : 75189747703
Option 3 ID : 75189747702
Option 4 ID : 75189747704
Status : Answered
Chosen Option : 2

Q.92 Which of the following numbers will replace the question mark (?) in the given series?

15, 17, 37, 115, ?

- Ans 1. 470
 2. 465
 3. 455
 4. 460

Question ID : 7518977723
Option 1 ID : 75189730892
Option 2 ID : 75189730891
Option 3 ID : 75189730889
Option 4 ID : 75189730890
Status : Not Answered
Chosen Option : --

Q.93 If '+' means '×', '×' means '+', '-' means '+', and '-' means '+', then what will be the value of the given expression?

$$490 \times 7 + 2 - 8 + 6$$

- Ans
- 1. 98
 - 2. 202
 - 3. 142
 - 4. 136

Question ID : 7518979789
Option 1 ID : 75189739155
Option 2 ID : 75189739156
Option 3 ID : 75189739153
Option 4 ID : 75189739154
Status : Answered
Chosen Option : 3

Q.94 Kangri language is mostly spoken in which of the following states of India?

- Ans
- 1. Karnataka
 - 2. Kerala
 - 3. Himachal Pradesh
 - 4. Madya Pradesh

Question ID : 75189710553
Option 1 ID : 75189742209
Option 2 ID : 75189742210
Option 3 ID : 75189742211
Option 4 ID : 75189742212
Status : Answered
Chosen Option : 3

Q.95 Consider two coils A and B. Suppose coil A is replaced with coil B that has the number of loops 2 times as that of loop A and the rate of change of magnetic flux is constant. Determine the ratio of the initial to the final induced EMF.

- Ans
- 1. 2 : 1
 - 2. 2 : 3
 - 3. 1 : 2
 - 4. 3 : 2

Question ID : 75189711374
Option 1 ID : 75189745494
Option 2 ID : 75189745495
Option 3 ID : 75189745493
Option 4 ID : 75189745496
Status : Answered
Chosen Option : 3

Q.96 When parallel beam of light rays are incident on the concave mirror of radius of curvature 0.8 m, reflected rays:

Ans ✗ 1.

appear to diverge from a point at a distance 0.8 m behind the mirror

✓ 2.

converge to a point at a distance 0.4 m from the concave surface

✗ 3.

appear to diverge from a point at a distance 0.4 m behind the mirror

✗ 4.

converge to a point at a distance 0.8 m from the concave surface

Question ID : 75189711135

Option 1 ID : 75189744537

Option 2 ID : 75189744540

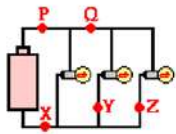
Option 3 ID : 75189744538

Option 4 ID : 75189744539

Status : Answered

Chosen Option : 2

Q.97 Three identical light bulbs are connected to a battery as shown below. P, Q, X, Y and Z represent several points in the circuit. Which of the following holds true for this circuit?



Ans ✗ 1. The current at Q is greater than the current at P.

✗ 2. Only the currents at P and Q are the same.

✗ 3. The current is the same at all locations.

✓ 4. The current at P is greater than the current at Q.

Question ID : 75189711355

Option 1 ID : 75189745418

Option 2 ID : 75189745420

Option 3 ID : 75189745419

Option 4 ID : 75189745417

Status : Not Answered

Chosen Option : --

Q.98 Seven Woodland shoe boxes marked with A, B, C, D, E, F and G are kept one above the other but not necessarily in the same order. G is kept fourth from the bottom and immediately below E and immediately above B. There are only three boxes between C and F where C is placed somewhere above F. D is placed at the bottom most position. How many shoe boxes are placed between A and F?

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

Question ID : 75189711457

Option 1 ID : 75189745828

Option 2 ID : 75189745826

Option 3 ID : 75189745827

Option 4 ID : 75189745825

Status : Answered

Chosen Option : 4

Q.99 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 books.

Some books are pencils.

Some pencils are chairs.

Conclusions:

(I) Some chairs are pens.

(II) Some pencils are pens.

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

Question ID : 75189711227

Option 1 ID : 75189744906

Option 2 ID : 75189744905

Option 3 ID : 75189744907

Option 4 ID : 75189744908

Status : Answered

Chosen Option : 3

Q.100 Along its course, River _____ passes through Tibet, where it is known as Tsangpo, and also passes through the Indian states of Arunachal Pradesh, Assam and Bangladesh.

- Ans**
- ✓ 1. Brahmaputra
 - ✗ 2. Ramganga
 - ✗ 3. Mahanadi
 - ✗ 4. Brahmani

Question ID : **7518978912**
Option 1 ID : **75189735648**
Option 2 ID : **75189735647**
Option 3 ID : **75189735645**
Option 4 ID : **75189735646**
Status : **Answered**
Chosen Option : **1**

