



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	iON Digital Zone iDZ 2 Mathura Road
Test Date	24/08/2022
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.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : Level 1

Q.1 Six girls named P, Q, R, S, T and U are sitting in a straight line. All are facing the north direction. U sits third to the left of R. S sits third to the right of Q. U sits second to the left of Q. T is not the immediate neighbour of U. What is P's position in the line?

- Ans**
- ✓ 1. Second from the extreme left end
 - ✗ 2. Third from the extreme left end
 - ✗ 3. At the extreme left end
 - ✗ 4. Third from the extreme right end

Question ID : 7518975140

Option 1 ID : 75189720557

Option 2 ID : 75189720559

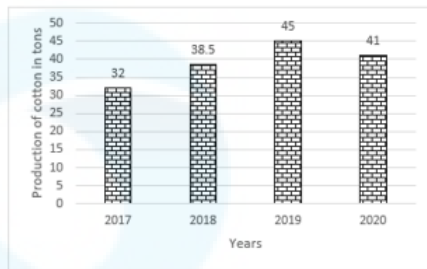
Option 3 ID : 75189720558

Option 4 ID : 75189720560

Status : Answered

Chosen Option : 1

Q.2 The following bar graph shows the production of cotton (in tons) over the years.
Study the graph and answer the question.



What is the approximate percentage increase in the production of cotton in 2020 as compared to 2017?

- Ans
- ☒ 1. 26%
 - ☒ 2. 30.50%
 - ☒ 3. 28.12%
 - ☒ 4. 25.05%

Question ID : 7518975121
Option 1 ID : 75189720481
Option 2 ID : 75189720484
Option 3 ID : 75189720483
Option 4 ID : 75189720482

Status : Answered

Chosen Option : 3

Q.3 Which ministry has launched the world's first multicentre phase III clinical trial to assess Ayurveda's efficacy in Rheumatoid Arthritis treatment?

- Ans
- ☒ 1. Ministry of Ayush
 - ☒ 2. Ministry of Science and Technology
 - ☒ 3. Ministry of Chemicals and Fertilizers
 - ☒ 4. Ministry of Health and Family Welfare

Question ID : 7518974150
Option 1 ID : 75189716598
Option 2 ID : 75189716600
Option 3 ID : 75189716599
Option 4 ID : 75189716597

Status : Answered

Chosen Option : 4

Q.4 The table given below shows the number of students who were interviewed and who got selected by the universities A, B, C and D over the years. Study the table and answer the question.

Students \ Years	A		B		C		D	
	Interviewed	Selected	Interviewed	Selected	Interviewed	Selected	Interviewed	Selected
2017	1500	700	1200	800	1800	1000	1200	750
2018	1600	800	1500	600	2000	1120	1400	460
2019	2200	900	2000	680	1800	1100	2000	500
2020	1500	950	1600	700	1800	1200	1500	450
2021	1100	400	1500	490	1300	800	1300	350

In university C, the total number of students selected over the years was approximately what percentage of the total number of students who were interviewed over the years?

- Ans**
- ☒ 1. 50%
 - ☒ 2. 60%
 - ☒ 3. 40%
 - ☒ 4. 65%

Question ID : **7518975126**
 Option 1 ID : **75189720502**
 Option 2 ID : **75189720503**
 Option 3 ID : **75189720501**
 Option 4 ID : **75189720504**
 Status : **Answered**
 Chosen Option : **2**

Q.5 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

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

(2, 4, 18)

(4, 6, 50)

- Ans**
- ☒ 1. (6, 7, 65)
 - ☒ 2. (3, 5, 32)
 - ☒ 3. (5, 4, 18)
 - ☒ 4. (2, 5, 49)

Question ID : **7518975086**
 Option 1 ID : **75189720343**
 Option 2 ID : **75189720341**
 Option 3 ID : **75189720344**
 Option 4 ID : **75189720342**
 Status : **Answered**
 Chosen Option : **2**

Q.6 In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

Number/Symbol	8	=	4	7	@	%	>	2	!	?	5	3	<	9
Code	Z	F	T	J	D	H	E	X	V	W	K	U	P	A

Conditions:

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

How will '3 = < 2 @ 8' be coded?

Ans

- ☒ 1. O F E D X O
- ☒ 2. O F E X D O
- ☒ 3. O F P X D O
- ☒ 4. O P F X D O

Question ID : **7518975033**
Option 1 ID : **75189720132**
Option 2 ID : **75189720129**
Option 3 ID : **75189720130**
Option 4 ID : **75189720131**

Status : **Answered**

Chosen Option : **3**

Q.7

Who became the youngest ever Indian to win a BWF Super 100 tournament, in 2022?

Ans

- ☒ 1. Mugdha Agrey
- ☒ 2. Unnati Hooda
- ☒ 3. Malvika Bansod
- ☒ 4. Ashmita Chaliha

Question ID : **7518973750**
Option 1 ID : **75189715000**
Option 2 ID : **75189714999**
Option 3 ID : **75189714998**
Option 4 ID : **75189714997**

Status : **Answered**

Chosen Option : **2**

Q.8 What is the name of the holy book of Muslims, which describes the relationship between an omnipotent and omniscient God and his creations?

Ans ✓ 1. Quran

✗ 2. Sahih al-Bukhari

✗ 3. Torah

✗ 4. Injil

Question ID : 7518974024

Option 1 ID : 75189716096

Option 2 ID : 75189716094

Option 3 ID : 75189716095

Option 4 ID : 75189716093

Status : Answered

Chosen Option : 1

Q.9 Rachna can eat 21 oranges in 60 minutes. She wants to know how many minutes it would take her to eat 35 oranges at the same pace?

Ans ✗ 1. 90 min

✗ 2. 80 min

✗ 3. 120 min

✓ 4. 100 min

Question ID : 7518975611

Option 1 ID : 75189722442

Option 2 ID : 75189722441

Option 3 ID : 75189722444

Option 4 ID : 75189722443

Status : Answered

Chosen Option : 4

Q.10 What is the basic event in reproduction?

Ans ✗ 1. Cell division

✓ 2. Replication of DNA

✗ 3. Making of proteins

✗ 4. Replication of RNA

Question ID : 7518974654

Option 1 ID : 75189718616

Option 2 ID : 75189718613

Option 3 ID : 75189718615

Option 4 ID : 75189718614

Status : Answered

Chosen Option : 1

Q.11 If '+' means $\div$, '-' means '+', ' $\times$ ' means '-' and ' $\div$ ' means ' $\times$ ', then, what will be the value of the following expression?

$$[(12 \times 3) - (2 \div 3)] + (1 - 4) \div 4$$

- Ans**
- ☒ 1. 12
 - ☐ 2. 16
 - ☐ 3. 9
 - ☐ 4. 8

Question ID : 7518975106

Option 1 ID : 75189720423

Option 2 ID : 75189720422

Option 3 ID : 75189720421

Option 4 ID : 75189720424

Status : Answered

Chosen Option : 1

Q.12 The Nubra, Shyok and Hunza are tributaries of the river _____.

- Ans**
- ☒ 1. Indus
 - ☐ 2. Sutlej
 - ☐ 3. Ganga
 - ☐ 4. Brahmaputra

Question ID : 7518976494

Option 1 ID : 75189725974

Option 2 ID : 75189725976

Option 3 ID : 75189725973

Option 4 ID : 75189725975

Status : Answered

Chosen Option : 2

Q.13 In which year did the Indian government conduct its first nuclear test in the deserts of Pokhran?

- Ans**
- ☐ 1. 1962
 - ☒ 2. 1974
 - ☐ 3. 1981
 - ☐ 4. 1968

Question ID : 7518974168

Option 1 ID : 75189716671

Option 2 ID : 75189716672

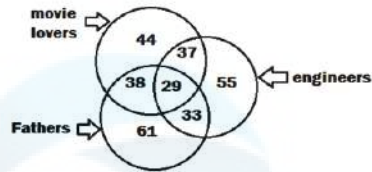
Option 3 ID : 75189716670

Option 4 ID : 75189716669

Status : Answered

Chosen Option : 2

Q.14 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many such fathers are there who are also movie lovers but NOT engineers?

- Ans
- ☒ 1. 61
 - ☒ 2. 29
 - ☒ 3. 38
 - ☒ 4. 44

Question ID : 7518975184

Option 1 ID : 75189720736

Option 2 ID : 75189720733

Option 3 ID : 75189720735

Option 4 ID : 75189720734

Status : Answered

Chosen Option : 3

Q.15 Two pipes, A and B, can fill a tank of 1000 litres in 5 hours and 6 hours, respectively. If they are opened together, how many hours will they take to fill an empty tank of 1800 litres?

- Ans
- ☒ 1. $\frac{25}{11}$
 - ☒ 2. $\frac{54}{11}$
 - ☒ 3. $\frac{45}{11}$
 - ☒ 4. $\frac{52}{11}$

Question ID : 7518975886

Option 1 ID : 75189723543

Option 2 ID : 75189723541

Option 3 ID : 75189723544

Option 4 ID : 75189723542

Status : Answered

Chosen Option : 2

Q.16

बोरदोईसिला (Bordoisila) तूफान, इनमें से किस भारतीय राज्य में उठता है?

Ans

✓ 1. असम

✗ 2. महाराष्ट्र

✗ 3. मध्य प्रदेश

✗ 4. केरल

Question ID : 7518973895

Option 1 ID : 75189715579

Option 2 ID : 75189715578

Option 3 ID : 75189715580

Option 4 ID : 75189715577

Status : Not Answered

Chosen Option : --

Q.17

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, and decide which of the given conclusions logically follow/s from the given statements.

Statements:

Some hotels are dormitories.

Some gates are shelters.

All shelters are fences.

Conclusions:

(I) Some gates are dormitories.

(II) Some fences are gates.

(III) Some hotels are shelters.

Ans

✗ 1. Only conclusion I follows

✗ 2. None of the conclusions follow

✓ 3. Only conclusion II follows

✗ 4. Either conclusion I or conclusion III follows

Question ID : 7518974927

Option 1 ID : 75189719705

Option 2 ID : 75189719708

Option 3 ID : 75189719706

Option 4 ID : 75189719707

Status : Answered

Chosen Option : 3

Q.18 The First Finance Commission was constituted vide Presidential Order dated 22.11.1951 under the chairmanship of _____.

- Ans**
- ☒ 1. YV Reddy
 - ☒ 2. KC Neogy
 - ☒ 3. Vijay Kelkar
 - ☒ 4. C Rangarajan

Question ID : **7518974246**

Option 1 ID : **75189716982**

Option 2 ID : **75189716983**

Option 3 ID : **75189716981**

Option 4 ID : **75189716984**

Status : **Answered**

Chosen Option : **2**

Q.19 In January 2022, which of these IITs launched the Global Center of Excellence in Affordable and Clean Energy (GCoE-ACE)?

- Ans**
- ☒ 1. IISc Bengaluru
 - ☒ 2. IIT Hyderabad
 - ☒ 3. IIT Dharwad
 - ☒ 4. IIT Roorkee

Question ID : **7518973774**

Option 1 ID : **75189715094**

Option 2 ID : **75189715096**

Option 3 ID : **75189715095**

Option 4 ID : **75189715093**

Status : **Not Answered**

Chosen Option : **--**

Q.20 Six doctors, K, L, M, N, O and P, are sitting in a straight line. All are facing the north direction. Only O is sitting between N and L. Only P is sitting between L and K. K sits fifth to the right of M. Who is sitting to the immediate right of M?

- Ans
- ☒ 1. O
 - ☒ 2. L
 - ☒ 3. N
 - ☒ 4. P

Question ID : 7518975142

Option 1 ID : 75189720568

Option 2 ID : 75189720567

Option 3 ID : 75189720565

Option 4 ID : 75189720566

Status : Answered

Chosen Option : 3

Q.21 Which of the following is/are NOT true for ionic compounds?

- i. Ionic compounds have low melting and boiling points.
- ii. Ionic compounds are brittle and break into pieces when pressure is applied.
- iii. Ionic compounds are solids and are somewhat hard because of the strong force of attraction between the positive and negative ions.
- iv. Ionic compounds conduct electricity in the molten state.

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

Question ID : 7518973689

Option 1 ID : 75189714754

Option 2 ID : 75189714755

Option 3 ID : 75189714756

Option 4 ID : 75189714753

Status : Not Answered

Chosen Option : --

Q.22 Simplify $\sqrt{625} - \sqrt{324} + 33^2$.

- Ans
- ☒ 1. 1609
 - ☒ 2. 1906
 - ☒ 3. 1096
 - ☒ 4. 1069

Question ID : 7518975803

Option 1 ID : 75189723210

Option 2 ID : 75189723211

Option 3 ID : 75189723212

Option 4 ID : 75189723209

Status : Answered

Chosen Option : 3

Q.23 Which cultural festival of India is a ten-day festival of classical dance, folk art and light music, and is held every year between February and March at Shilpgram?

- Ans**
- ✓ 1. Taj Mahotsav
 - ✗ 2. Hampi Dance Utsav
 - ✗ 3. Natyanjali Utsav
 - ✗ 4. Nishagandhi Festival

Question ID : 7518973997

Option 1 ID : 75189715987

Option 2 ID : 75189715988

Option 3 ID : 75189715986

Option 4 ID : 75189715985

Status : Not Answered

Chosen Option : --

Q.24 If a substance loses hydrogen during a reaction, it is said to be:

- Ans**
- ✗ 1. reduced
 - ✗ 2. decomposed
 - ✗ 3. neutralised
 - ✓ 4. oxidised

Question ID : 7518973607

Option 1 ID : 75189714425

Option 2 ID : 75189714427

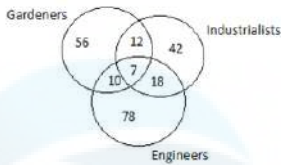
Option 3 ID : 75189714428

Option 4 ID : 75189714426

Status : Answered

Chosen Option : 4

Q.25 Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of persons with different professions.



How many people are Gardeners but NOT Engineers?

- Ans
- ✓ 1. 68
 - ✗ 2. 56
 - ✗ 3. 80
 - ✗ 4. 75

Question ID : 7518974948

Option 1 ID : 75189719790

Option 2 ID : 75189719789

Option 3 ID : 75189719792

Option 4 ID : 75189719791

Status : Answered

Chosen Option : 1

Q.26 A light ray is travelling from air medium to water medium (refractive index = 1.3) such that angle of incidence is x degree and angle of refraction is y degree. The value of ratio $(\sin y)/(\sin x)$ is:

- Ans
- ✗ 1. 1.3
 - ✓ 2. $1/1.3$
 - ✗ 3. 1
 - ✗ 4. 0.3

Question ID : 7518975416

Option 1 ID : 75189721662

Option 2 ID : 75189721661

Option 3 ID : 75189721663

Option 4 ID : 75189721664

Status : Answered

Chosen Option : 1

Q.27 The value of $\sqrt{1234321} =$

- Ans
- ☒ 1. 1111
 - ☐ 2. 121
 - ☐ 3. 139
 - ☐ 4. 1219

Question ID : 7518975562

Option 1 ID : 75189722247

Option 2 ID : 75189722245

Option 3 ID : 75189722246

Option 4 ID : 75189722248

Status : Answered

Chosen Option : 1

Q.28 What is the measure of each exterior angle of a regular hexagon?

- Ans
- ☐ 1. 120°
 - ☐ 2. 30°
 - ☒ 3. 60°
 - ☐ 4. 45°

Question ID : 7518975983

Option 1 ID : 75189723932

Option 2 ID : 75189723930

Option 3 ID : 75189723929

Option 4 ID : 75189723931

Status : Answered

Chosen Option : 1

Q.29 Janhvi and Pranitha are standing at the extreme ends of a row in which all the students are facing the north. Only 26 students are standing between Janhvi and Ravi. Only 14 students are standing between Ravi and Pranitha. Total how many students are standing in the line?

- Ans
- ☒ 1. 43
 - ☐ 2. 44
 - ☐ 3. 45
 - ☐ 4. 42

Question ID : 7518975146

Option 1 ID : 75189720582

Option 2 ID : 75189720583

Option 3 ID : 75189720584

Option 4 ID : 75189720581

Status : Answered

Chosen Option : 1

Q.30 In December 2021, who among the following won the Woman of the Year Award by World Athletics for grooming talent and encouraging young girls in India to take up sports and fight for gender equality?

- Ans
- ☒ 1. PU Chitra
 - ☒ 2. Shiny Kurisingal Wilson
 - ☒ 3. Anju Bobby George
 - ☒ 4. PT Usha

Question ID : 7518976506
Option 1 ID : 75189726023
Option 2 ID : 75189726024
Option 3 ID : 75189726022
Option 4 ID : 75189726021
Status : Not Answered
Chosen Option : --

Q.31 Identify the correct statement(s) from among the following.

- (a) Resistivity of a material is dependent on the nature of the material.
- (b) Resistivity of a material is independent of the area of cross section.
- (c) Resistivity of a pure metal is more than its alloy.

- Ans
- ☒ 1. Only (a)
 - ☒ 2. Only (b)
 - ☒ 3. Both (a) and (b)
 - ☒ 4. Both (b) and (c)

Question ID : 7518975463
Option 1 ID : 75189721849
Option 2 ID : 75189721850
Option 3 ID : 75189721851
Option 4 ID : 75189721852
Status : Answered
Chosen Option : 3

Q.32 The coefficient of x^4y^3 in the expansion of $(3x - 2y)^2(x^2 + y^3)^2$ is:

- Ans
- ☒ 1. 14
 - ☒ 2. 18
 - ☒ 3. 12
 - ☒ 4. 15

Question ID : 7518976321
Option 1 ID : 75189725284
Option 2 ID : 75189725281
Option 3 ID : 75189725283
Option 4 ID : 75189725282
Status : Answered
Chosen Option : 2

Q.33 Refer to the following number series and answer the question.

2 5 2 6 5 2 2 6 3 8 9 5 6 3 6 2 2 5 5 3

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

- Ans
- ☒ 1. 1
 - ☒ 2. 3
 - ☒ 3. 2
 - ☒ 4. 4

Question ID : 7518975003

Option 1 ID : 75189720009

Option 2 ID : 75189720011

Option 3 ID : 75189720010

Option 4 ID : 75189720012

Status : Answered

Chosen Option : 3

Q.34 The laws of reflection hold true for which of the following mirror(s)?

(A) Concave mirror

(B) Convex mirror

(C) Plane mirror

- Ans
- ☒ 1. Only A and B
 - ☒ 2. A, B and C
 - ☒ 3. Only B and C
 - ☒ 4. Only A and C

Question ID : 7518975348

Option 1 ID : 75189721389

Option 2 ID : 75189721392

Option 3 ID : 75189721390

Option 4 ID : 75189721391

Status : Answered

Chosen Option : 2

Q.35 Each of the digits in the number 318924765 is arranged in descending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

- Ans ☒ 1. One
☐ 2. Three
☐ 3. None
☐ 4. Two

Question ID : 7518974875

Option 1 ID : 75189719498

Option 2 ID : 75189719500

Option 3 ID : 75189719497

Option 4 ID : 75189719499

Status : Answered

Chosen Option : 1

Q.36 एक फल विक्रेता ₹4,800 में 800 सेब खरीदता है। वह परिवहन पर ₹800 खर्च करता है। उसे प्रत्येक सेब पर ₹10 का लाभ प्राप्त करने के लिए, प्रत्येक सेब को किस मूल्य पर बेचना चाहिए?

- Ans ☒ 1. ₹17
☐ 2. ₹12
☐ 3. ₹76
☐ 4. ₹32

Question ID : 7518975632

Option 1 ID : 75189722528

Option 2 ID : 75189722527

Option 3 ID : 75189722525

Option 4 ID : 75189722526

Status : Answered

Chosen Option : 1

Q.37 If $x : 6 :: 6 : y$, and $x : y :: y : 6$, then which of the options below gives the correct values of x and y , in that order?

- Ans ☒ 1. 6 and 6
☐ 2. 12 and 12
☐ 3. 6 and 12
☐ 4. 12 and 6

Question ID : 7518975841

Option 1 ID : 75189723361

Option 2 ID : 75189723364

Option 3 ID : 75189723362

Option 4 ID : 75189723363

Status : Answered

Chosen Option : 1

Q.38 In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $F = E \geq D = A > Z < S = O$

Conclusions:

I. $F \geq D$

II. $D < O$

Ans

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

Question ID : 7518974959

Option 1 ID : 75189719833

Option 2 ID : 75189719836

Option 3 ID : 75189719835

Option 4 ID : 75189719834

Status : Answered

Chosen Option : 1

Q.39 This question is based on the five, three-digit numbers given below:

(Left) 448 455 275 563 215 (Right)

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

Ans

- ☐ 1. 6
- ☒ 2. 4
- ☐ 3. 3
- ☐ 4. 5

Question ID : 7518975016

Option 1 ID : 75189720064

Option 2 ID : 75189720062

Option 3 ID : 75189720061

Option 4 ID : 75189720063

Status : Answered

Chosen Option : 2

Q.40 The policy norms for Mission Vatsalya scheme implemented by the Ministry of Women and Child Development have been applicable from the 1st of which month in 2022:

Ans

- ☒ 1. April
- ☐ 2. August
- ☐ 3. March
- ☐ 4. January

Question ID : 7518976525

Option 1 ID : 75189726099

Option 2 ID : 75189726100

Option 3 ID : 75189726098

Option 4 ID : 75189726097

Status : Not Answered

Chosen Option : --

Q.41 A ray of light is incident on an interface separating two media at an angle of incidence equal to 45° , for which the angle of refraction is 30° . The refractive index of the second medium with respect to first, is equal to:

Ans

☒ 1. $\frac{\sqrt{3}}{2}$

☒ 2. $\frac{1}{\sqrt{2}}$

☒ 3. $\frac{1}{2}$

☒ 4. $\sqrt{2}$

Question ID : 7518975394

Option 1 ID : 75189721576

Option 2 ID : 75189721574

Option 3 ID : 75189721575

Option 4 ID : 75189721573

Status : Answered

Chosen Option : 4

Q.42 If the mean of the following data is 4, find the missing frequency.

x	3	5	9	2
f	3	4	-	8

Ans ☒ 1. 5

☒ 2. 4

☒ 3. 7

☒ 4. 3

Question ID : 7518975678

Option 1 ID : 75189722710

Option 2 ID : 75189722709

Option 3 ID : 75189722712

Option 4 ID : 75189722711

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.43 The value of $156.025 + 251.216 - 52.156$ is:

- Ans
- ☐ 1. 326.327
 - ☐ 2. 332.074
 - ☒ 3. 355.085
 - ☐ 4. 302.152

Question ID : 7518976230
Option 1 ID : 75189724919
Option 2 ID : 75189724920
Option 3 ID : 75189724917
Option 4 ID : 75189724918
Status : Answered
Chosen Option : 3

Q.44 Six friends, Arun, Suresh, Rahul, Priyanka, Dilan and Hiba, took a test online. All of them scored different marks in the test. Suresh scored more than Priyanka but less than Arun. Hiba scored the least. Dilan scored less than Rahul. Arun scored more than Priyanka and Rahul. Who among the six scored the most?

- Ans
- ☐ 1. Rahul
 - ☐ 2. Priyanka
 - ☒ 3. Arun
 - ☐ 4. Suresh

Question ID : 7518974972
Option 1 ID : 75189719887
Option 2 ID : 75189719888
Option 3 ID : 75189719886
Option 4 ID : 75189719885
Status : Answered
Chosen Option : 3

Q.45 The manufacturing of refrigerators that do not release chlorofluorocarbons has been made mandatory throughout the world. How will this help to prevent ozone depletion?

- Ans
- ☒ 1. It will reduce the release of CFCs that react with ozone molecules.
 - ☐ 2. It will help convert oxygen molecules into ozone.
 - ☐ 3. CFCs will change into ozone molecules.
 - ☐ 4. It will reduce the production of CFCs from oxygen molecules.

Question ID : 7518974667
Option 1 ID : 75189718668
Option 2 ID : 75189718665
Option 3 ID : 75189718666
Option 4 ID : 75189718667
Status : Answered
Chosen Option : 1

Q.46 The 'Archaeological Survey of India' is headquartered in which of the following cities?

- Ans
- ☒ 1. Kolkata
 - ☒ 2. Chandigarh
 - ☒ 3. Mumbai
 - ☒ 4. New Delhi

Question ID : 7518974185

Option 1 ID : 75189716737

Option 2 ID : 75189716740

Option 3 ID : 75189716739

Option 4 ID : 75189716738

Status : Answered

Chosen Option : 4

Q.47 How many tiers of administration are there in the Panchayati Raj Institutions (in states having a population more than 2 million)?

- Ans
- ☒ 1. 3
 - ☒ 2. 1
 - ☒ 3. 6
 - ☒ 4. 5

Question ID : 7518974308

Option 1 ID : 75189717230

Option 2 ID : 75189717229

Option 3 ID : 75189717232

Option 4 ID : 75189717231

Status : Answered

Chosen Option : 1

Q.48 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.

STM : RUL

PJR : OKQ

- Ans
- ☒ 1. VEW : UDV
 - ☒ 2. MTL : LUM
 - ☒ 3. TCS : SDR
 - ☒ 4. BUP : AVQ

Question ID : 7518974853

Option 1 ID : 75189719412

Option 2 ID : 75189719409

Option 3 ID : 75189719410

Option 4 ID : 75189719411

Status : Answered

Chosen Option : 2

Q.49 कोशिका के _____ में, ग्लूकोज से पाइरुवेट बनता है।

Ans ☒ 1. कोशिकाद्रव्य

☐ 2. राइबोसोम

☐ 3. माइटोकॉन्ड्रिया

☐ 4. केंद्रक

Question ID : 7518974332

Option 1 ID : 75189717325

Option 2 ID : 75189717327

Option 3 ID : 75189717328

Option 4 ID : 75189717326

Status : Not Answered

Chosen Option : --

Q.50 The magnetic field lines inside a bar magnet are directed from:

Ans ☒ 1. south pole to north pole

☐ 2. centre to south pole

☐ 3. centre to north pole

☐ 4. north pole to south pole

Question ID : 7518975512

Option 1 ID : 75189722046

Option 2 ID : 75189722048

Option 3 ID : 75189722047

Option 4 ID : 75189722045

Status : Answered

Chosen Option : 4

Q.51 Which of the following in Indian Constitution has been taken from the Constitution of the United States?

Ans ☐ 1. Procedure Established by Law

☒ 2. Fundamental Rights

☐ 3. Parliamentary Government

☐ 4. Fundamental Duties

Question ID : 7518974290

Option 1 ID : 75189717158

Option 2 ID : 75189717160

Option 3 ID : 75189717157

Option 4 ID : 75189717159

Status : Answered

Chosen Option : 2

Q.52 What aids in preventing the mixing of oxygen-rich and carbon dioxide-rich blood in the heart?

Ans ☒ 1. The wall between the chambers

☐ 2. Pulmonary valve

☐ 3. Tricuspid valve

☐ 4. Aortic valve

Question ID : 7518974391

Option 1 ID : 75189717564

Option 2 ID : 75189717562

Option 3 ID : 75189717561

Option 4 ID : 75189717563

Status : Answered

Chosen Option : 1

Q.53 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	^	#	5	7	@	%	>	2	!	?	4	8	\$	3
कूट	L	F	B	J	D	H	E	X	V	Z	K	U	R	P

शर्तें:

यदि पहला तत्व एक प्रतीक है, और अंतिम तत्व एक संख्या है, तो इन दोनों के कूटों को परस्पर बदला जाना चाहिए।

यदि पहला तत्व एक विषम संख्या है, तो पहले और अंतिम तत्वों को क्रमशः Ø और ¥ के रूप में कूटबद्ध किया जाएगा।

यदि दूसरे और तीसरे तत्व, दोनों पूर्ण वर्ग हैं, तो तीसरे तत्व को दूसरे तत्व के कूट के रूप में कूटबद्ध किया जाएगा।

'7 # ^ 2 !' को किस प्रकार कूटबद्ध किया जाएगा?

Ans ☒ 1. Ø F L X ¥

☐ 2. J F L X ¥

☐ 3. J B F V Z

☐ 4. Ø F L X V

Question ID : 7518975029

Option 1 ID : 75189720115

Option 2 ID : 75189720114

Option 3 ID : 75189720113

Option 4 ID : 75189720116

Status : Answered

Chosen Option : 1

Q.54

How many Prime Ministers of India have been elected upto June 2022, who were also Chief Ministers of their respective states?

Ans

☒ 1. 8

☒ 2. 10

☒ 3. 9

☒ 4. 6

Question ID : **7518973930**

Option 1 ID : **75189715718**

Option 2 ID : **75189715720**

Option 3 ID : **75189715717**

Option 4 ID : **75189715719**

Status : **Not Answered**

Chosen Option : --

Q.55

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.

Q W _ R _ X E _ Q _ E R Q Z E _

Ans

☒ 1. EQRER

☒ 2. EQRYE

☒ 3. EQRYR

☒ 4. EQZYR

Question ID : **7518974977**

Option 1 ID : **75189719908**

Option 2 ID : **75189719907**

Option 3 ID : **75189719906**

Option 4 ID : **75189719905**

Status : **Answered**

Chosen Option : 1

Q.56 If the average of two numbers is 26 and one of them is 12, then find the other number.

- Ans
- ☐ 1. 52
 - ☐ 2. 20
 - ☐ 3. 14
 - ☒ 4. 40

Question ID : 7518975927

Option 1 ID : 75189723708

Option 2 ID : 75189723706

Option 3 ID : 75189723705

Option 4 ID : 75189723707

Status : Answered

Chosen Option : 4

Q.57 एक पिता की आयु, उसके पुत्र की आयु की सात गुनी है। अब से तीन वर्ष बाद, पिता की आयु उसके पुत्र की आयु की पांच गुनी हो जाएगी। पिता की वर्तमान आयु कितनी है?

- Ans
- ☐ 1. 36 वर्ष
 - ☐ 2. 39 वर्ष
 - ☐ 3. 45 वर्ष
 - ☒ 4. 42 वर्ष

Question ID : 7518976336

Option 1 ID : 75189725344

Option 2 ID : 75189725343

Option 3 ID : 75189725341

Option 4 ID : 75189725342

Status : Answered

Chosen Option : 4

Q.58 The floor of an office has dimensions 5 m × 3 m. The cost of painting the walls and ceiling is ₹7,440 at the rate of ₹60/m². Find the height of the room (in m).(rounded off to one decimal place)

- Ans
- ☐ 1. 4.5
 - ☐ 2. 5.6
 - ☐ 3. 3.5
 - ☒ 4. 6.8

Question ID : 7518976194

Option 1 ID : 75189724774

Option 2 ID : 75189724775

Option 3 ID : 75189724776

Option 4 ID : 75189724773

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.59 Fleming's right-hand rule can be used to determine the direction of induced current when the angle between the magnetic field and the motion of the conductor is:

Ans ✓ 1. 90°

✗ 2. 30°

✗ 3. 180°

✗ 4. 0°

Question ID : 7518975546

Option 1 ID : 75189722183

Option 2 ID : 75189722182

Option 3 ID : 75189722184

Option 4 ID : 75189722181

Status : Answered

Chosen Option : 1

Q.60 The Central Government of India has reduced Agricultural Infrastructure Development Cess (AIDC) on Crude Palm Oil (CPO) from 7.5% to ____ with effect from 12th February 2022.

Ans ✗ 1. 3%

✗ 2. 6%

✗ 3. 4%

✓ 4. 5%

Question ID : 7518973847

Option 1 ID : 75189715388

Option 2 ID : 75189715385

Option 3 ID : 75189715387

Option 4 ID : 75189715386

Status : Not Answered

Chosen Option : --

Q.61 Which of the following numbers will replace the question mark (?) in the given series?

5, 6, 10, 12, 15, ?, 20, 24

Ans ☒ 1. 21

☒ 2. 20

☒ 3. 18

☒ 4. 19

Question ID : 7518974856

Option 1 ID : 75189719422

Option 2 ID : 75189719423

Option 3 ID : 75189719424

Option 4 ID : 75189719421

Status : Answered

Chosen Option : 3

Q.62 8118 is divisible by:

Ans ☒ 1. 6

☒ 2. 8

☒ 3. 5

☒ 4. 7

Question ID : 7518975810

Option 1 ID : 75189723238

Option 2 ID : 75189723240

Option 3 ID : 75189723237

Option 4 ID : 75189723239

Status : Answered

Chosen Option : 1

Q.63 भारत के किस राज्य में पेयजल के भंडारण के लिए 'खड़ीन (Khadins)' बनाए जाते हैं?

Ans ☒ 1. पश्चिम बंगाल

☒ 2. राजस्थान

☒ 3. कर्नाटक

☒ 4. गुजरात

Question ID : 7518974502

Option 1 ID : 75189718005

Option 2 ID : 75189718007

Option 3 ID : 75189718008

Option 4 ID : 75189718006

Status : Answered

Chosen Option : 2

Q.64 A dealer sold three-fifth of his goods at a gain of 25% and the remaining at cost price. What is his loss or gain percent in the whole transaction?

- Ans ☒ 1. 15% gain
☒ 2. 18% loss
☒ 3. 18% gain
☒ 4. 15% loss

Question ID : 7518976281
Option 1 ID : 75189725124
Option 2 ID : 75189725121
Option 3 ID : 75189725122
Option 4 ID : 75189725123
Status : Answered
Chosen Option : 1

Q.65 Find the arithmetic mean of the given data.

x	10	20	30	40	50
f	5	5	4	6	5

- Ans ☒ 1. 26.4
☒ 2. 30.6
☒ 3. 30.4
☒ 4. 16.4

Question ID : 7518975898
Option 1 ID : 75189723591
Option 2 ID : 75189723590
Option 3 ID : 75189723589
Option 4 ID : 75189723592
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.66 Which of the following is the INCORRECT feature related to animal reproduction?

- Ans ☒ 1. Seminal vesicle is a gland present in human males
☒ 2. Regeneration is not the same as reproduction
☒ 3. In Amoeba, splitting of two cells takes place in any plane
☒ 4. Fertilisation of egg takes place in the uterus in human female

Question ID : 7518974614
Option 1 ID : 75189718455
Option 2 ID : 75189718453
Option 3 ID : 75189718454
Option 4 ID : 75189718456
Status : Answered
Chosen Option : 4

Q.67 If each of the digits in the number given below is arranged in the descending order from left to right, what will be the sum of the digits that are second from the left and third from the right in the new number thus formed?

(Left) 259812357 (Right)

- Ans
- ☒ 1. 12
 - ☒ 2. 8
 - ☒ 3. 10
 - ☒ 4. 11

Question ID : 7518975315

Option 1 ID : 75189721260

Option 2 ID : 75189721257

Option 3 ID : 75189721258

Option 4 ID : 75189721259

Status : Answered

Chosen Option : 3

Q.68 The number of solutions to the pair of linear equations $5x - 3y = 7$ and $7x + 4y = 18$ is:

- Ans
- ☒ 1. infinite
 - ☒ 2. three
 - ☒ 3. one
 - ☒ 4. none

Question ID : 7518976324

Option 1 ID : 75189725295

Option 2 ID : 75189725296

Option 3 ID : 75189725293

Option 4 ID : 75189725294

Status : Answered

Chosen Option : 4

Q.69 If one root of the equation $(a + 3)x^2 - 13ax + 7 - a = 0$ is the reciprocal of the other, then the value of a is:

- Ans
- ☒ 1. 2
 - ☒ 2. -3
 - ☒ 3. 3
 - ☒ 4. -2

Question ID : 7518976345

Option 1 ID : 75189725379

Option 2 ID : 75189725378

Option 3 ID : 75189725380

Option 4 ID : 75189725377

Status : Answered

Chosen Option : 3

Q.70 As of July 2022, under the 'Nai Manzil' Scheme of the Ministry of Minority Affairs, the participant will get non-residential integrated education and skill training programme for 9 to 12 months of which a minimum _____ months should be devoted to skill training.

- Ans** ☒ 1. four
☒ 2. three
☒ 3. two
☒ 4. five

Question ID : **7518976545**
Option 1 ID : **75189726179**
Option 2 ID : **75189726178**
Option 3 ID : **75189726177**
Option 4 ID : **75189726180**
Status : **Not Answered**
Chosen Option : --

Q.71 Refer to the following letter, number and symbol series and answer the question.

(Left) 4 T 6 S 2 A D & C E 2 4 + & 7 6 U 5 H U K 8 E W @ E A & P (Right)

How many such vowels are there in the series which are immediately preceded by a number and also immediately followed by a consonant?

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

Question ID : **7518975227**
Option 1 ID : **75189720907**
Option 2 ID : **75189720908**
Option 3 ID : **75189720906**
Option 4 ID : **75189720905**
Status : **Answered**
Chosen Option : 1

Q.72 Which of the following numbers will replace the question mark (?) in the given series?

9, 10, 22, 69, 280, ?

- Ans** ☒ 1. 1405
☒ 2. 1450
☒ 3. 576
☒ 4. 560

Question ID : **7518975287**
Option 1 ID : **75189721147**
Option 2 ID : **75189721148**
Option 3 ID : **75189721146**
Option 4 ID : **75189721145**
Status : **Answered**
Chosen Option : 1

Q.73 Which of the following compounds possesses the highest boiling point?

- Ans
- ☒ 1. Methane
 - ☐ 2. Acetic acid
 - ☐ 3. Ethanol
 - ☐ 4. Chloroform

Question ID : 7518973393

Option 1 ID : 75189713569

Option 2 ID : 75189713570

Option 3 ID : 75189713572

Option 4 ID : 75189713571

Status : Answered

Chosen Option : 2

Q.74 5 ml of a solution of NaOH is found to be completely neutralised by 5 ml of a given solution of HCl. If we take 10 ml of the same solution of NaOH, the amount of HCl solution required to neutralise it will be:

- Ans
- ☐ 1. 5 ml
 - ☒ 2. 10 ml
 - ☐ 3. 2.5 ml
 - ☐ 4. 15 ml

Question ID : 7518973604

Option 1 ID : 75189714415

Option 2 ID : 75189714416

Option 3 ID : 75189714414

Option 4 ID : 75189714413

Status : Answered

Chosen Option : 2

Q.75 Vishal is standing in a park facing the south direction. He then turns 90° clockwise on the same point. After that, he turns 45° clockwise. In which direction is he facing now?

- Ans
- ☒ 1. North-west
 - ☐ 2. South-west
 - ☐ 3. North-east
 - ☐ 4. South-east

Question ID : 7518975258

Option 1 ID : 75189721031

Option 2 ID : 75189721029

Option 3 ID : 75189721030

Option 4 ID : 75189721032

Status : Answered

Chosen Option : 1

Q.76 A current of 5 A flows through a conductor having resistance $2\ \Omega$. The potential difference (in volt) across the ends of the conductor is:

- Ans
- ☒ 1. 3
 - ☒ 2. 7
 - ☒ 3. 2.5
 - ☒ 4. 10

Question ID : 7518975449

Option 1 ID : 75189721794

Option 2 ID : 75189721795

Option 3 ID : 75189721793

Option 4 ID : 75189721796

Status : Answered

Chosen Option : 4

Q.77 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.

27 : 140 :: 22 : 115 :: 32 : ?

- Ans
- ☒ 1. 155
 - ☒ 2. 165
 - ☒ 3. 130
 - ☒ 4. 140

Question ID : 7518974860

Option 1 ID : 75189719440

Option 2 ID : 75189719438

Option 3 ID : 75189719439

Option 4 ID : 75189719437

Status : Answered

Chosen Option : 2

Q.78 यदि 2 वर्ष पहले रवि ने मोनू से 4% वार्षिक चक्रवृद्धि ब्याज की दर पर ₹3,000 की राशि उधार ली थी, तो उसे चुकाने के लिए रवि द्वारा मोनू को कुल कितनी राशि का भुगतान करना होगा?

- Ans
- ☒ 1. ₹3,453.90
 - ☒ 2. ₹2,344.80
 - ☒ 3. ₹4,321
 - ☒ 4. ₹3,244.80

Question ID : 7518975618

Option 1 ID : 75189722470

Option 2 ID : 75189722469

Option 3 ID : 75189722472

Option 4 ID : 75189722471

Status : Answered

Chosen Option : 4

Q.79 Find the least six-digit number that is exactly divisible by 8, 10, 12 and 16.

- Ans
- ☐ 1. 100040
 - ☐ 2. 100020
 - ☐ 3. 100060
 - ☒ 4. 100080

Question ID : 7518976042
Option 1 ID : 75189724166
Option 2 ID : 75189724165
Option 3 ID : 75189724167
Option 4 ID : 75189724168
Status : Answered
Chosen Option : 4

Q.80 What will be the next homologous series member of compound C_6H_{10} ?

- Ans
- ☐ 1. C_7H_{16}
 - ☐ 2. C_7H_{10}
 - ☐ 3. C_7H_{14}
 - ☒ 4. C_7H_{12}

Question ID : 7518973406
Option 1 ID : 75189713624
Option 2 ID : 75189713621
Option 3 ID : 75189713623
Option 4 ID : 75189713622
Status : Answered
Chosen Option : 4

Q.81 छः डिब्बों - A, B, C, D, E और F को एक ऊर्ध्वाधर स्तंभ में व्यवस्थित किया गया है, किंतु उनका इसी क्रम में होना अनिवार्य नहीं है। B को ऊपर से दूसरे स्थान पर रखा गया है। केवल D को A और B के बीच रखा गया है। E, D के नीचे किसी एक स्थान पर है, और E और D के बीच केवल एक डिब्बा रखा गया है। F सबसे निचले स्थान पर नहीं है। कौन सा डिब्बा नीचे से दूसरे स्थान पर रखा गया है?

- Ans
- ☐ 1. D
 - ☐ 2. A
 - ☐ 3. C
 - ☒ 4. E

Question ID : 7518974736
Option 1 ID : 75189718941
Option 2 ID : 75189718943
Option 3 ID : 75189718942
Option 4 ID : 75189718944
Status : Answered
Chosen Option : 4

Q.82 Find the total surface area of a cylinder whose radius of base is 7 cm and height is 15 cm.

- Ans
- ☒ 1. $830\pi \text{ cm}^2$
 - ☒ 2. $380\pi \text{ cm}^2$
 - ☒ 3. $308\pi \text{ cm}^2$
 - ☒ 4. $803\pi \text{ cm}^2$

Question ID : 7518975974

Option 1 ID : 75189723896

Option 2 ID : 75189723894

Option 3 ID : 75189723893

Option 4 ID : 75189723895

Status : Answered

Chosen Option : 3

Q.83 एक कथन और उसके बाद दो धारणाएं I और II दी गई हैं। आपको कथन में दी गई जानकारी को सत्य मानते हुए यह बताना है कि दी गई धारणाओं में से कौन सी धारणाएं कथन में निहित हैं?

कथन:

परिवहन कर्मियों की हड़ताल के कारण बस सेवाएं पूरी तरह ठप हो गईं, जिसकी वजह से लोग अपने कार्यस्थलों पर नहीं पहुंच सके।

धारणा:

- I. नागरिकों को मेट्रो रेल सेवाओं का अधिक उपयोग करना चाहिए।
- II. बहुत से लोग अपने कार्यस्थल पर जाने के लिए बस सेवाओं पर निर्भर हैं।

- Ans
- ☒ 1. न तो धारणा I और न ही II निहित है
 - ☒ 2. केवल धारणा I निहित है
 - ☒ 3. धारणा I और II, दोनों निहित हैं
 - ☒ 4. केवल धारणा II निहित है

Question ID : 7518976404

Option 1 ID : 75189725615

Option 2 ID : 75189725613

Option 3 ID : 75189725616

Option 4 ID : 75189725614

Status : Answered

Chosen Option : 4

Q.84 In which year was the first Economic Survey presented as part of the Union Budget?

- Ans
- ☒ 1. 1947-48
 - ☒ 2. 1960-61
 - ☒ 3. 1950-51
 - ☒ 4. 1953-54

Question ID : 7518974042

Option 1 ID : 75189716165

Option 2 ID : 75189716168

Option 3 ID : 75189716166

Option 4 ID : 75189716167

Status : Answered

Chosen Option : 3

Q.85 श्वास रंध्र निम्नलिखित में से किस प्राणी में पाए जाते हैं?

- Ans
- ☒ 1. मनुष्य
 - ☒ 2. मछली
 - ☒ 3. केंचुए
 - ☒ 4. तिलचिड्ढा

Question ID : 7518974386

Option 1 ID : 75189717542

Option 2 ID : 75189717543

Option 3 ID : 75189717541

Option 4 ID : 75189717544

Status : Answered

Chosen Option : 4

Q.86 Which of the following years was a leap year?

- Ans
- ☒ 1. 2006
 - ☒ 2. 2002
 - ☒ 3. 2018
 - ☒ 4. 2012

Question ID : 7518976420

Option 1 ID : 75189725678

Option 2 ID : 75189725677

Option 3 ID : 75189725680

Option 4 ID : 75189725679

Status : Answered

Chosen Option : 4

Q.87 Identify the INCORRECT order for the number of valence shell electrons.

- Ans
- ☒ 1. $\text{Li} < \text{Be} < \text{B} < \text{C} < \text{N}$
 - ☒ 2. $\text{Al} < \text{P} < \text{Si} < \text{S} < \text{Cl}$
 - ☒ 3. $\text{Na} < \text{Mg} < \text{Al} < \text{P} < \text{Ar}$
 - ☒ 4. $\text{B} < \text{N} < \text{O} < \text{F} < \text{Ne}$

Question ID : 7518973717
Option 1 ID : 75189714866
Option 2 ID : 75189714865
Option 3 ID : 75189714867
Option 4 ID : 75189714868
Status : Not Answered
Chosen Option : --

Q.88 From total _____ elements, _____ elements were discovered through laboratory processes.

- Ans
- ☒ 1. 114, 22
 - ☒ 2. 114, 20
 - ☒ 3. 118, 26
 - ☒ 4. 118, 24

Question ID : 7518973697
Option 1 ID : 75189714785
Option 2 ID : 75189714787
Option 3 ID : 75189714788
Option 4 ID : 75189714786
Status : Answered
Chosen Option : 4

Q.89

On which river is India's smallest river island Umananda situated?

- Ans
- ☒ 1. Ganga River
 - ☒ 2. Saraswati River
 - ☒ 3. Yamuna River
 - ☒ 4. Brahmaputra River

Question ID : 7518973907
Option 1 ID : 75189715626
Option 2 ID : 75189715627
Option 3 ID : 75189715625
Option 4 ID : 75189715628
Status : Answered
Chosen Option : 1

Q.90 _____ is the chemical name of washing soda.

- Ans
- ☐ 1. Sodium carbonate tetrahydrate
 - ☐ 2. Sodium carbonate pentahydrate
 - ☒ 3. Sodium carbonate decahydrate
 - ☐ 4. Sodium carbonate trihydrate

Question ID : 7518973481

Option 1 ID : 75189713923

Option 2 ID : 75189713922

Option 3 ID : 75189713924

Option 4 ID : 75189713921

Status : Answered

Chosen Option : 3

Q.91 All 65 students of a class are standing in a row facing the north. Amrit is 46th from the extreme left end of the row, whereas Kashvi is 14th from the extreme right end. How many students are standing between Amrit and Kashvi?

- Ans
- ☐ 1. 6
 - ☐ 2. 7
 - ☒ 3. 5
 - ☐ 4. 4

Question ID : 7518975144

Option 1 ID : 75189720575

Option 2 ID : 75189720576

Option 3 ID : 75189720574

Option 4 ID : 75189720573

Status : Answered

Chosen Option : 4

Q.92 Identify the correct relation between radius of curvature 'R', object distance 'u' and image distance 'v' for a spherical mirror.

Ans

☒ 1. $R = \frac{uv}{2(u+v)}$

☒ 2. $R = \frac{2uv}{u+v}$

☒ 3. $R = \frac{(u+v)}{2uv}$

☒ 4. $R = \frac{2(u+v)}{uv}$

Question ID : 7518975387

Option 1 ID : 75189721546

Option 2 ID : 75189721545

Option 3 ID : 75189721548

Option 4 ID : 75189721547

Status : Answered

Chosen Option : 2

Q.93 Sujata is standing in a park facing the east direction. She then turns 135° anticlockwise. After that, she turns 90° anticlockwise. Then, she turns 45° clockwise. In which direction is she facing now?

Ans ☒ 1. East

☒ 2. West

☒ 3. South-west

☒ 4. North-west

Question ID : 7518975263

Option 1 ID : 75189721049

Option 2 ID : 75189721051

Option 3 ID : 75189721052

Option 4 ID : 75189721050

Status : Answered

Chosen Option : 2

Q.94 Which of the following is NOT a quadrilateral?

- Ans
- ☒ 1. Trapezium
 - ☒ 2. Parallelogram
 - ☒ 3. Circle
 - ☒ 4. Rhombus

Question ID : 7518975991
Option 1 ID : 75189723964
Option 2 ID : 75189723961
Option 3 ID : 75189723963
Option 4 ID : 75189723962

Status : Answered

Chosen Option : 3

Q.95 Two resistors R_1 and R_2 with resistances $2\ \Omega$ and $3\ \Omega$, respectively, are connected in series to a 15V battery source. The current across R_2 (in A) is:

- Ans
- ☒ 1. 5
 - ☒ 2. 3
 - ☒ 3. 7.5
 - ☒ 4. 15

Question ID : 7518975452
Option 1 ID : 75189721807
Option 2 ID : 75189721805
Option 3 ID : 75189721806
Option 4 ID : 75189721808

Status : Answered

Chosen Option : 2

Q.96 Find the value of $\frac{\sin^2\theta - \sin^4\theta + 1}{1 - \sin^2\theta} + \frac{1 - \tan^2\theta - \tan^4\theta}{1 + \tan^2\theta}$.

- Ans
- ☒ 1. 1
 - ☒ 2. -1
 - ☒ 3. 0
 - ☒ 4. 2

Question ID : 7518976218
Option 1 ID : 75189724871
Option 2 ID : 75189724869
Option 3 ID : 75189724870
Option 4 ID : 75189724872

Status : Answered

Chosen Option : 4

Q.97 Which of the following is NOT true about the demand curve?

- Ans
- ☐ 1. It reflects the law of demand.
 - ☐ 2. It is negatively sloped.
 - ☒ 3. It is the plots of quantities demanded at various time.
 - ☐ 4. It is the plots of quantities demanded at various price.

Question ID : 7518974215
Option 1 ID : 75189716857
Option 2 ID : 75189716859
Option 3 ID : 75189716860
Option 4 ID : 75189716858
Status : Answered
Chosen Option : 2

Q.98 For what values of z will the following equation have equal roots?

$$(z + 4)x^2 + (z + 1)x + 1 = 0$$

- Ans
- ☐ 1. 2, -3
 - ☐ 2. 4, 3
 - ☒ 3. 5, -3
 - ☐ 4. 2, -5

Question ID : 7518975739
Option 1 ID : 75189722956
Option 2 ID : 75189722953
Option 3 ID : 75189722955
Option 4 ID : 75189722954
Status : Answered
Chosen Option : 1

Q.99 Two pipes A and B can fill a tank in 15 hours and 20 hours, respectively, while a third pipe C can empty the full tank in 30 hours. If all the three pipes operate simultaneously, in how much time will the tank, initially empty, be filled?

- Ans
- ☐ 1. 13 hours
 - ☒ 2. 12 hours
 - ☐ 3. 18 hours
 - ☐ 4. 15 hours

Question ID : 7518975887
Option 1 ID : 75189723546
Option 2 ID : 75189723545
Option 3 ID : 75189723548
Option 4 ID : 75189723547
Status : Answered
Chosen Option : 2

Q.100 Cork is impermeable to water and gases because of _____ found within its cells.

- Ans
- ☒ 1. lignin
 - ☒ 2. cutin
 - ☒ 3. cellulose
 - ☒ 4. suberin

Question ID : **7518974346**

Option 1 ID : **75189717384**

Option 2 ID : **75189717383**

Option 3 ID : **75189717382**

Option 4 ID : **75189717381**

Status : **Not Answered**

Chosen Option : --