



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 Aluva
Test Date	14/09/2022
Test Time	12:45 PM - 2:15 PM
Subject	Level 1

* Note

Correct Answer will carry 1 mark per Question.

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

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

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

Section : Level 1

Q.1 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)

(10, 144)

(17, 361)

Ans ☒ 1. (11, 144)

☒ 2. (9, 100)

☒ 3. (12, 169)

☒ 4. (21, 529)

Question ID : 75189710933

Option 1 ID : 75189743732

Option 2 ID : 75189743730

Option 3 ID : 75189743729

Option 4 ID : 75189743731

Status : Answered

Chosen Option : 4

Q.2 In terrestrial animals, exchange of gases takes place by diffusion. Which among the following statements are true about respiration in these animals?

- a. Diffusion through their surface
- b. They have fine and delicate surface that enables exchange of gases
- c. They may have passages for flow of air
- d. They have less surface area but heavy blood flow for respiration

Ans  1. a, b and c

 2. a and b

 3. a, c and d

 4. a and d

Question ID : **75189710164**

Option 1 ID : **75189740655**

Option 2 ID : **75189740653**

Option 3 ID : **75189740654**

Option 4 ID : **75189740656**

Status : **Answered**

Chosen Option : 1

Q.3 The Kanya Shiksha Pravesh Utsav campaign launched by the Government of India in March 2022 aims at enhancing enrolment and retention of girls between _____ of age in schools.

Ans  1. 15 to 18 years

 2. 11 to 14 years

 3. 14 to 16 years

 4. 6 to 10 years

Question ID : **7518977453**

Option 1 ID : **75189729812**

Option 2 ID : **75189729810**

Option 3 ID : **75189729811**

Option 4 ID : **75189729809**

Status : **Not Answered**

Chosen Option : --

Q.4 Three statements are given, followed by three conclusions numbered I, II and III. 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:

1. All pens are sketch-pens.
2. Some sketch-pens are markers.
3. No marker is a drawing.

Conclusions:

- I. Some drawings are markers.
- II. No pen is a drawing.
- III. Some sketch-pens are pens.

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

Question ID : 75189710781

Option 1 ID : 75189743123

Option 2 ID : 75189743121

Option 3 ID : 75189743122

Option 4 ID : 75189743124

Status : Answered

Chosen Option : 4

Q.5 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:

All TVs are radios.

Some radios are mobiles.

All mobiles are pen drives.

Conclusions:

(I) Some radios are pen drives.

(II) Some TVs are mobiles.

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

Question ID : 75189710995

Option 1 ID : 75189743977

Option 2 ID : 75189743979

Option 3 ID : 75189743978

Option 4 ID : 75189743980

Status : Answered

Chosen Option : 1

Q.6

- Ans
- ☐ 1. A glass plate
 - ☒ 2. A concave mirror
 - ☐ 3. A convex mirror
 - ☐ 4. A plane mirror

Question ID : 75189711136

Option 1 ID : 75189744544

Option 2 ID : 75189744541

Option 3 ID : 75189744542

Option 4 ID : 75189744543

Status : Answered

Chosen Option : 3

Q.7 Which of the following fundamental duties is added by the 86th Amendment of the constitution in 2002?

- Ans
- ☐ 1. To cherish and follow the noble ideals which inspired our national struggle for freedom
 - ☐ 2. To safeguard public property and to abjure violence
 - ☒ 3. Who is a parent or guardian, to provide opportunities for education to his child, or as the case may be, ward between the age of six and fourteen years
 - ☐ 4. To defend the country and render national service when called upon to do so

Question ID : 7518979438

Option 1 ID : 75189737749

Option 2 ID : 75189737751

Option 3 ID : 75189737752

Option 4 ID : 75189737750

Status : Answered

Chosen Option : 3

Q.8 An alloy is made of aluminium and nickel in the ratio 3 : 4. The quantity (in kg) of nickel required to be melted with 36 kg of aluminium is _____.

- Ans
- ☐ 1. 3
 - ☐ 2. 18
 - ☒ 3. 48
 - ☐ 4. 32

Question ID : 75189710650

Option 1 ID : 75189742598

Option 2 ID : 75189742597

Option 3 ID : 75189742599

Option 4 ID : 75189742600

Status : Answered

Chosen Option : 3

Q.9

- Ans
- ☒ 1. 6 years
 - ☒ 2. 9 years
 - ☒ 3. 12 years
 - ☒ 4. 3 years

Question ID : 7518979299

Option 1 ID : 75189737194

Option 2 ID : 75189737195

Option 3 ID : 75189737196

Option 4 ID : 75189737193

Status : Answered

Chosen Option : 4

Q.10 Which system is affected the most by AIDS?

- Ans
- ☒ 1. Immune system
 - ☒ 2. Nervous system
 - ☒ 3. Circulatory system
 - ☒ 4. Excretory system

Question ID : 7518974423

Option 1 ID : 75189717689

Option 2 ID : 75189717691

Option 3 ID : 75189717692

Option 4 ID : 75189717690

Status : Answered

Chosen Option : 1

Q.11 Which zone separates the troposphere from the stratosphere?

- Ans
- ☒ 1. Thermopause
 - ☒ 2. Stratopause
 - ☒ 3. Tropopause
 - ☒ 4. Mesopause

Question ID : 7518977251

Option 1 ID : 75189729004

Option 2 ID : 75189729003

Option 3 ID : 75189729001

Option 4 ID : 75189729002

Status : Answered

Chosen Option : 3

Q.12

Ans ☒ 1. Second

☐ 2. Fifth

☐ 3. Fourth

☐ 4. Third

Question ID : 75189710739

Option 1 ID : 75189742953

Option 2 ID : 75189742956

Option 3 ID : 75189742955

Option 4 ID : 75189742954

Status : Answered

Chosen Option : 1

Q.13 If an object is placed 36 cm in front of a concave mirror of focal length 18 cm, then its image will be formed _____.

Ans ☐ 1. at 18 cm behind the mirror

☐ 2. at 36 cm behind the mirror

☐ 3. at 18 cm in front of the mirror

☒ 4. at 36 cm in front of the mirror

Question ID : 7518979491

Option 1 ID : 75189737962

Option 2 ID : 75189737964

Option 3 ID : 75189737961

Option 4 ID : 75189737963

Status : Marked For Review

Chosen Option : 4

Q.14 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: $B = T < E \leq G > H > Q$

Conclusions: I. $G > B$

II. $G > Q$

Ans ☐ 1. Neither conclusion I nor II is true

☒ 2. Both conclusions I and II are true

☐ 3. Only conclusion II is true

☐ 4. Only conclusion I is true

Question ID : 7518977625

Option 1 ID : 75189730499

Option 2 ID : 75189730500

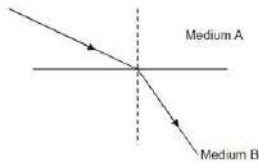
Option 3 ID : 75189730498

Option 4 ID : 75189730497

Status : Answered

Chosen Option : 2

Q.15 The path of a ray of light incident on an interface separating two transparent media is shown in the figure. The refractive index (n) of medium B with respect to medium A is given by:



- Ans
- ✓ 1. $n > 1$
 - ✗ 2. $0 < n < 1$
 - ✗ 3. $n = 1$
 - ✗ 4. $n = 0$

Question ID : 7518975403

Option 1 ID : 75189721609

Option 2 ID : 75189721611

Option 3 ID : 75189721610

Option 4 ID : 75189721612

Status : Answered

Chosen Option : 2

Q.16 Which of the following elements has three shells with two valence electrons?

- Ans
- ✗ 1. Cl
 - ✗ 2. Si
 - ✓ 3. Mg
 - ✗ 4. P

Question ID : 75189710379

Option 1 ID : 75189741516

Option 2 ID : 75189741514

Option 3 ID : 75189741515

Option 4 ID : 75189741513

Status : Not Answered

Chosen Option : --

Q.17 Find the cost of tiling the verandah, at the rate of ₹ 24 per m^2 , if the length and breadth of the verandah are in the ratio 3 : 1 and its perimeter is 40 m.

- Ans
- ✓ 1. ₹ 1,800
 - ✗ 2. ₹ 1,600
 - ✗ 3. ₹ 1,700
 - ✗ 4. ₹ 1,900

Question ID : 7518979322

Option 1 ID : 75189737286

Option 2 ID : 75189737287

Option 3 ID : 75189737285

Option 4 ID : 75189737288

Status : Answered

Chosen Option : 1

Q.18 Read the given statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Farmers in Village X should switch to crops that require comparatively less water for irrigation as compared to sugarcane.

Arguments:

- I. Availability of water for irrigation has been on a constant decline in Village X for last few years.
- II. Main source of income of farmers in Village X is through sale of sugarcane crop to the nearby sugar factories.

- Ans**
- ☐ 1. II weakens while I strengthens the statement.
 - ☐ 2. I weakens while II strengthens the statement.
 - ☐ 3. Both I and II weaken the statement.
 - ☒ 4. Both I and II strengthen the statement.

Question ID : 75189711124

Option 1 ID : 75189744494

Option 2 ID : 75189744493

Option 3 ID : 75189744495

Option 4 ID : 75189744496

Status : Answered

Chosen Option : 4

Q.19 How many molecules of carbon dioxide are formed during the breakdown of pyruvate using oxygen in the mitochondria?

- Ans**
- ☐ 1. Two
 - ☐ 2. Six
 - ☐ 3. Five
 - ☒ 4. Three

Question ID : 75189710200

Option 1 ID : 75189740797

Option 2 ID : 75189740800

Option 3 ID : 75189740799

Option 4 ID : 75189740798

Status : Not Answered

Chosen Option : --

Q.20 Simplify $12 \text{ of } 3 - 24 \text{ of } 4 \div 12$.

- Ans**
- ☒ 1. 28
 - ☐ 2. 5
 - ☐ 3. -5
 - ☐ 4. 4

Question ID : 7518979093

Option 1 ID : 75189736372

Option 2 ID : 75189736371

Option 3 ID : 75189736369

Option 4 ID : 75189736370

Status : Answered

Chosen Option : 1

Q.21

- Ans ☒ 1. Five
☐ 2. Four
☐ 3. Three
☐ 4. Two

Question ID : 7518979416
Option 1 ID : 75189737661
Option 2 ID : 75189737662
Option 3 ID : 75189737663
Option 4 ID : 75189737664
Status : Not Answered
Chosen Option : --

Q.22 In which year was Operation Flood started with an aim to create a nationwide milk grid?

- Ans ☐ 1. 1979
☒ 2. 1970
☐ 3. 1981
☐ 4. 1985

Question ID : 7518974056
Option 1 ID : 75189716222
Option 2 ID : 75189716221
Option 3 ID : 75189716223
Option 4 ID : 75189716224
Status : Not Answered
Chosen Option : --

Q.23 Seven boxes, O, P, Q, R, S, T and U, are kept one over the other, but not necessarily in the same order. Only four boxes are between Q and P. U is exactly in the middle of the pile. R is immediately below Q. S is exactly third from the bottom. Only T is between S and P. Q is immediately below O. Which box is at the top-most position?

- Ans ☐ 1. R
☐ 2. P
☐ 3. Q
☒ 4. O

Question ID : 75189710766
Option 1 ID : 75189743063
Option 2 ID : 75189743064
Option 3 ID : 75189743061
Option 4 ID : 75189743062
Status : Answered
Chosen Option : 4

Q.24

- Ans
- ☒ 1. 50
 - ☒ 2. 39
 - ☒ 3. 40
 - ☒ 4. 49

Question ID : 75189710991

Option 1 ID : 75189743963

Option 2 ID : 75189743964

Option 3 ID : 75189743961

Option 4 ID : 75189743962

Status : Answered

Chosen Option : 4

Q.25 m and n are two parallel lines. If l is a transversal intersecting m and n, then the sum of the interior angles formed on the same side of l is equal to:

- Ans
- ☒ 1. 270°
 - ☒ 2. 360°
 - ☒ 3. 180°
 - ☒ 4. 90°

Question ID : 75189710033

Option 1 ID : 75189740131

Option 2 ID : 75189740132

Option 3 ID : 75189740130

Option 4 ID : 75189740129

Status : Answered

Chosen Option : 3

Q.26 In this question, the statement is followed by four conclusions. Find out which conclusion is true based on the given statement.

Statement: $Z < X \geq U = Y < V \leq W$

- Ans
- ☒ 1. $V > U$
 - ☒ 2. $Z > X$
 - ☒ 3. $X < Y$
 - ☒ 4. $Y > W$

Question ID : 75189710802

Option 1 ID : 75189743206

Option 2 ID : 75189743207

Option 3 ID : 75189743208

Option 4 ID : 75189743205

Status : Answered

Chosen Option : 1

Q.27

- Ans ☐ 1. Insurance
☒ 2. Maintenance and repair
☐ 3. Rental lease
☐ 4. Property tax

Question ID : 75189710462

Option 1 ID : 75189741846

Option 2 ID : 75189741848

Option 3 ID : 75189741845

Option 4 ID : 75189741847

Status : Answered

Chosen Option : 4

Q.28 30 soldiers are standing in a straight row facing the north. Ramsingh is 6th from the right end and Abhimanyu is 14th from the right end as well. How many soldiers are standing between Ramsingh and Abhimanyu?

- Ans ☐ 1. 16
☒ 2. 7
☐ 3. 8
☐ 4. 24

Question ID : 75189710978

Option 1 ID : 75189743910

Option 2 ID : 75189743912

Option 3 ID : 75189743909

Option 4 ID : 75189743911

Status : Answered

Chosen Option : 2

Q.29 25% of a number is 1320. Find 35% of the same number.

- Ans ☐ 1. 1166
☒ 2. 1848
☐ 3. 1260
☐ 4. 1644

Question ID : 7518978660

Option 1 ID : 75189734638

Option 2 ID : 75189734640

Option 3 ID : 75189734637

Option 4 ID : 75189734639

Status : Answered

Chosen Option : 2

Q.30

- Ans
- ☒ 1. Fixed cost
 - ☒ 2. Variable cost
 - ☒ 3. Total product
 - ☒ 4. Marginal product

Question ID : 7518978556
Option 1 ID : 75189734222
Option 2 ID : 75189734223
Option 3 ID : 75189734224
Option 4 ID : 75189734221

Status : Answered
Chosen Option : 3

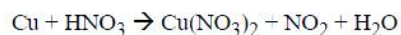
Q.31 The average of the all natural numbers between 12 and 39 which are divisible by 5 is _____.

- Ans
- ☒ 1. 25.5
 - ☒ 2. 28
 - ☒ 3. 21
 - ☒ 4. 25

Question ID : 75189710677
Option 1 ID : 75189742705
Option 2 ID : 75189742708
Option 3 ID : 75189742706
Option 4 ID : 75189742707

Status : Answered
Chosen Option : 4

Q.32 Copper reacts with conc. nitric acid to produce cupric nitrate and nitrogen dioxide as follows.



Which of the following balanced equations is correct?

- Ans
- ☒ 1. $2 \text{Cu} + 4 \text{HNO}_3 \rightarrow 2 \text{Cu}(\text{NO}_3)_2 + 2 \text{NO}_2 + 2 \text{H}_2\text{O}$
 - ☒ 2. $\text{Cu} + 4 \text{HNO}_3 \rightarrow \text{Cu}(\text{NO}_3)_2 + 2 \text{NO}_2 + 2 \text{H}_2\text{O}$
 - ☒ 3. $\text{Cu} + 4 \text{HNO}_3 \rightarrow \text{Cu}(\text{NO}_3)_2 + 2 \text{NO}_2 + \text{H}_2\text{O}$
 - ☒ 4. $\text{Cu} + 2 \text{HNO}_3 \rightarrow \text{Cu}(\text{NO}_3)_2 + \text{NO}_2 + 2 \text{H}_2\text{O}$

Question ID : 75189710326
Option 1 ID : 75189741302
Option 2 ID : 75189741304
Option 3 ID : 75189741303
Option 4 ID : 75189741301

Status : Answered
Chosen Option : 2

Q.33

- Ans  1. Article 145
 2. Article 114
 3. Article 111
 4. Article 122

Question ID : 7518977559

Option 1 ID : 75189730236

Option 2 ID : 75189730234

Option 3 ID : 75189730233

Option 4 ID : 75189730235

Status : Answered

Chosen Option : 3

Q.34 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.

13 : 19 :: 3 : 7 :: 31 : ?

- Ans  1. 41
 2. 39
 3. 51
 4. 47

Question ID : 75189710930

Option 1 ID : 75189743717

Option 2 ID : 75189743720

Option 3 ID : 75189743719

Option 4 ID : 75189743718

Status : Answered

Chosen Option : 1

Q.35

If $\frac{5^{3n+2}}{5^{4n-1}} = 25$, then n = _____.

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

Question ID : 75189710689

Option 1 ID : 75189742754

Option 2 ID : 75189742753

Option 3 ID : 75189742755

Option 4 ID : 75189742756

Status : Answered

Chosen Option : 4

Q.36 In a certain code language, the numbers/symbols are coded using letters as per the table given below and as per the given conditions.

Number/ Symbol	1	!	2	@	3	#	4	\$	5	%	6	^	7	&	8	*	9
Code	T	D	C	R	G	B	Y	H	N	J	P	L	Q	S	D	F	Z

Conditions:

- I. If the first element is an even number and the last is an odd number, the code for the first and last elements will be K.
- II. If both the second and third elements are even numbers, the codes for these two are to be interchanged.
- III. If the first element is a number and the last a symbol, the code for the first element is to be used for the last element also.

What will be the code for 2\$4%3&?

- Ans**
- ☒ 1. SHYJGC
 - ☒ 2. CHYJGC
 - ☒ 3. SHYJGS
 - ☒ 4. CHYJGS

Question ID : 7518978007

Option 1 ID : 75189732027

Option 2 ID : 75189732025

Option 3 ID : 75189732028

Option 4 ID : 75189732026

Status : Answered

Chosen Option : 2

Q.37 Two numbers are in the ratio 11 : 17 and the difference between the numbers is 18. The HCF and the LCM of these numbers, respectively, are:

- Ans**
- ☒ 1. 9 and 567
 - ☒ 2. 7 and 563
 - ☒ 3. 3 and 561
 - ☒ 4. 5 and 569

Question ID : 7518979222

Option 1 ID : 75189736885

Option 2 ID : 75189736888

Option 3 ID : 75189736887

Option 4 ID : 75189736886

Status : Answered

Chosen Option : 3

Q.38

- Ans ☒ 1. oral cancer
☒ 2. breast cancer
☒ 3. blood cancer
☒ 4. lung cancer

Question ID : 75189710412
Option 1 ID : 75189741645
Option 2 ID : 75189741648
Option 3 ID : 75189741647
Option 4 ID : 75189741646
Status : Not Answered
Chosen Option : --

Q.39

On 31st January 2022, who was appointed as Director General of the National Institute of Electronics and Information Technology?

- Ans ☒ 1. Dr. Pinaki Talukdar
☒ 2. Dr. Madan Mohan Tripathi
☒ 3. Dr. Amrita Hazra
☒ 4. Dr. Narayan Pradhan

Question ID : 7518973762
Option 1 ID : 75189715046
Option 2 ID : 75189715047
Option 3 ID : 75189715048
Option 4 ID : 75189715045
Status : Not Answered
Chosen Option : --

Q.40

- Ans
- ☒ 1. eighth
 - ☒ 2. fifth
 - ☒ 3. seventh
 - ☒ 4. sixth

Question ID : 7518977535
Option 1 ID : 75189730140
Option 2 ID : 75189730137
Option 3 ID : 75189730139
Option 4 ID : 75189730138
Status : Not Answered
Chosen Option : --

Q.41 A train goes from A to B at a speed of 20 km/h and returns from B to A by the same route at 30 km/h. The average speed (in km/h) of the train during the two-way journey is:

- Ans
- ☒ 1. 24
 - ☒ 2. 25
 - ☒ 3. 22
 - ☒ 4. 23

Question ID : 7518979968
Option 1 ID : 75189739871
Option 2 ID : 75189739872
Option 3 ID : 75189739869
Option 4 ID : 75189739870
Status : Answered
Chosen Option : 1

Q.42 Town F is to the north of Town M. Town B is to the west of Town M. Town C is to the east of Town M. Town D is to the south of Town C. What is the position of Town F with respect to Town D?

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

Question ID : 7518979855
Option 1 ID : 75189739419
Option 2 ID : 75189739420
Option 3 ID : 75189739417
Option 4 ID : 75189739418
Status : Answered
Chosen Option : 4

Q.43

- Ans
- ☒ 1. glycogen
 - ☒ 2. protein
 - ☒ 3. starch
 - ☒ 4. fats

Question ID : 75189710148
Option 1 ID : 75189740589
Option 2 ID : 75189740591
Option 3 ID : 75189740590
Option 4 ID : 75189740592
Status : Answered
Chosen Option : 3

Q.44 Refer to the following letter-symbol series and answer the question that follows.

N S \$ F S & H H Y T G B R ^ @ D R S V % ^ V # D % C D @

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

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

Question ID : 7518977983
Option 1 ID : 75189731932
Option 2 ID : 75189731931
Option 3 ID : 75189731930
Option 4 ID : 75189731929
Status : Answered
Chosen Option : 1

Q.45 The roots of the quadratic equation $x^2 + 10x + 21 = 0$ are:

- Ans
- ☒ 1. 7, 3
 - ☒ 2. 3, -7
 - ☒ 3. 7, -3
 - ☒ 4. -3, -7

Question ID : 7518978765
Option 1 ID : 75189735060
Option 2 ID : 75189735058
Option 3 ID : 75189735057
Option 4 ID : 75189735059
Status : Answered
Chosen Option : 4

Q.46

- Ans ☒ 1. -1
☒ 2. 3
☒ 3. 0
☒ 4. 1

Question ID : 75189710722
Option 1 ID : 75189742887
Option 2 ID : 75189742888
Option 3 ID : 75189742885
Option 4 ID : 75189742886
Status : Answered
Chosen Option : 2

Q.47 If '+' means 'x', 'x' means '+', '-' means '÷', and '÷' means '-', then what will be the value of the given expression?

$$215 \times 5 \div 4 - 18 \times 3$$

- Ans ☒ 1. 39
☒ 2. 95
☒ 3. 86
☒ 4. 45

Question ID : 7518979792
Option 1 ID : 75189739166
Option 2 ID : 75189739165
Option 3 ID : 75189739167
Option 4 ID : 75189739168
Status : Answered
Chosen Option : 4

Q.48 Which of the following statements is INCORRECT about plaster of Paris?

- Ans ☒ 1. It is also known as calcium sulphate dihydrate.
☒ 2. It is used for setting fractured bones.
☒ 3. It is used in making cosmetics and casts for statues.
☒ 4. It is used for making surfaces smooth before painting.

Question ID : 75189710373
Option 1 ID : 75189741490
Option 2 ID : 75189741492
Option 3 ID : 75189741489
Option 4 ID : 75189741491
Status : Answered
Chosen Option : 4

Q.49

- Ans
- ☒ 1. 2 October
 - ☒ 2. 15 December
 - ☒ 3. 30 January
 - ☒ 4. 31 October

Question ID : 7518978521
Option 1 ID : 75189734082
Option 2 ID : 75189734084
Option 3 ID : 75189734083
Option 4 ID : 75189734081
Status : Answered
Chosen Option : 4

Q.50 Which Indian Chess player was in attendance along with other officials to receive the official hosting rights of FIDE 44th World Chess Olympiad 2022 on behalf of India?

- Ans
- ☒ 1. Dibyendu Barua
 - ☒ 2. Viswanathan Anand
 - ☒ 3. Koneru Humpy
 - ☒ 4. Abhijit Kunte

Question ID : 7518974130
Option 1 ID : 75189716517
Option 2 ID : 75189716520
Option 3 ID : 75189716518
Option 4 ID : 75189716519
Status : Not Answered
Chosen Option : --

Q.51 Which two languages got the Classical language status in 2008?

- Ans
- ☒ 1. Sanskrit and Malayalam
 - ☒ 2. Malayalam and Odia
 - ☒ 3. Kannada and Telugu
 - ☒ 4. Tamil and Sanskrit

Question ID : 75189710436
Option 1 ID : 75189741742
Option 2 ID : 75189741743
Option 3 ID : 75189741744
Option 4 ID : 75189741741
Status : Not Answered
Chosen Option : --

Q.52

- Ans ☒ 1. Chemical pesticides
- ☐ 2. Acidic fumes
- ☐ 3. Greenhouse gases
- ☐ 4. Carbon soot deposits

Question ID : 75189710126

Option 1 ID : 75189740504

Option 2 ID : 75189740503

Option 3 ID : 75189740501

Option 4 ID : 75189740502

Status : Answered

Chosen Option : 1

Q.53 Six friends, F, G, H, J, K and L are having dinner sitting around a round table in a restaurant facing the center (but not necessarily in the same order). K is the immediate neighbor of H and J. F is sitting to the immediate right of H. L is to the immediate left of J. Who is sitting to the immediate right of G?

- Ans ☒ 1. L
- ☐ 2. F
- ☐ 3. J
- ☐ 4. H

Question ID : 75189710731

Option 1 ID : 75189742922

Option 2 ID : 75189742921

Option 3 ID : 75189742924

Option 4 ID : 75189742923

Status : Answered

Chosen Option : 1

Q.54 Which of the following is the Modern Periodic Law?

- Ans ☐ 1. 'Properties of elements are a periodic function of their melting points'.
- ☐ 2. 'Properties of elements are a periodic function of their atomic mass'.
- ☒ 3. 'Properties of elements are a periodic function of their atomic number'.
- ☐ 4. 'Properties of elements are a periodic function of their boiling points'.

Question ID : 7518979686

Option 1 ID : 75189738743

Option 2 ID : 75189738742

Option 3 ID : 75189738741

Option 4 ID : 75189738744

Status : Answered

Chosen Option : 3

Q.55

- Ans
- ☒ 1. 57
 - ☒ 2. 19
 - ☒ 3. 47
 - ☒ 4. 59

Question ID : 7518979793
Option 1 ID : 75189739172
Option 2 ID : 75189739170
Option 3 ID : 75189739171
Option 4 ID : 75189739169
Status : Answered
Chosen Option : 4

Q.56 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

ZRW21, XPU25, VNS29, TLQ33, ?

- Ans
- ☒ 1. RJO37
 - ☒ 2. ORJ37
 - ☒ 3. OPJ36
 - ☒ 4. JRO37

Question ID : 7518979836
Option 1 ID : 75189739341
Option 2 ID : 75189739343
Option 3 ID : 75189739344
Option 4 ID : 75189739342
Status : Answered
Chosen Option : 1

Q.57 Refer to the following number-symbol series and answer the question that follows.

(Left) 1 3 & > 3 \$ \$ 4 ! > 9 3 4 1 @ \$ 3 5 > @ # 2 9 8 6 9 ! 9 (Right)

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

- Ans
- ☒ 1. >
 - ☒ 2. \$
 - ☒ 3. @
 - ☒ 4. &

Question ID : 7518977989
Option 1 ID : 75189731954
Option 2 ID : 75189731955
Option 3 ID : 75189731956
Option 4 ID : 75189731953
Status : Marked For Review
Chosen Option : 1

Q.58

- Ans
- ☒ 1. Article 32
 - ☒ 2. Article 27
 - ☒ 3. Article 24
 - ☒ 4. Article 19

Question ID : 75189711089
Option 1 ID : 75189744356
Option 2 ID : 75189744355
Option 3 ID : 75189744354
Option 4 ID : 75189744353
Status : Answered
Chosen Option : 3

Q.59 In all Panchayat institutions, not less than _____ of the total number of seats reserved, shall be reserved for women belonging to the Scheduled Castes or, as the case may be, the Scheduled Tribes.

- Ans
- ☒ 1. Three-fourths
 - ☒ 2. Two-third
 - ☒ 3. Half
 - ☒ 4. One-third

Question ID : 75189710503
Option 1 ID : 75189742012
Option 2 ID : 75189742010
Option 3 ID : 75189742011
Option 4 ID : 75189742009
Status : Not Answered
Chosen Option : --

Q.60 Who among the following was the founder of the Arya Samaj?

- Ans
- ☒ 1. Ram Mohan Roy
 - ☒ 2. Ishwar Chandra Vidyasagar
 - ☒ 3. Dayanand Saraswati
 - ☒ 4. Bal Gangadhar Tilak

Question ID : 7518977466
Option 1 ID : 75189729863
Option 2 ID : 75189729864
Option 3 ID : 75189729862
Option 4 ID : 75189729861
Status : Answered
Chosen Option : 3

Q.61

- Ans ☒ 1. Mg
☒ 2. Fe
☒ 3. Zn
☒ 4. Cu

Question ID : 7518973488

Option 1 ID : 75189713949

Option 2 ID : 75189713951

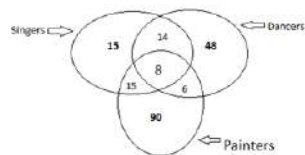
Option 3 ID : 75189713952

Option 4 ID : 75189713950

Status : Answered

Chosen Option : 2

Q.62 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many people are Singers as well Dancers but not Painters?

- Ans ☒ 1. 22
☒ 2. 8
☒ 3. 15
☒ 4. 14

Question ID : 75189710785

Option 1 ID : 75189743137

Option 2 ID : 75189743138

Option 3 ID : 75189743140

Option 4 ID : 75189743139

Status : Answered

Chosen Option : 4

Q.63 The value of $(625)^{-1/2}$ is _____.

- Ans ☒ 1. 2.5
☒ 2. 25
☒ 3. 0.04
☒ 4. 0.25

Question ID : 75189710686

Option 1 ID : 75189742744

Option 2 ID : 75189742741

Option 3 ID : 75189742743

Option 4 ID : 75189742742

Status : Answered

Chosen Option : 3

Q.64 If 13 May 2007 is a Sunday, then what will be the day of the week on 17 May 2013?

- Ans
- ☒ 1. Friday
 - ☐ 2. Monday
 - ☐ 3. Sunday
 - ☐ 4. Wednesday

Question ID : 7518979149

Option 1 ID : 75189736593

Option 2 ID : 75189736594

Option 3 ID : 75189736595

Option 4 ID : 75189736596

Status : Marked For Review

Chosen Option : 1

Q.65 If $\frac{196}{0.196} = \frac{19.6}{n}$, then the value of $n =$ _____.

- Ans
- ☒ 1. 0.0196
 - ☐ 2. 0.00196
 - ☐ 3. 1.96
 - ☐ 4. 0.196

Question ID : 75189710624

Option 1 ID : 75189742495

Option 2 ID : 75189742494

Option 3 ID : 75189742496

Option 4 ID : 75189742493

Status : Answered

Chosen Option : 1

Q.66 If the interest on a sum of ₹ y at 4% per annum compounded annually for 2 years is ₹612, then the total amount payable at the end of the two-year period will be _____.

- Ans
- ☐ 1. ₹8,262
 - ☐ 2. ₹7,812
 - ☒ 3. ₹8,112
 - ☐ 4. ₹8,002

Question ID : 75189710656

Option 1 ID : 75189742623

Option 2 ID : 75189742624

Option 3 ID : 75189742622

Option 4 ID : 75189742621

Status : Answered

Chosen Option : 3

Q.67

- Ans ☒ 1. 7 km towards the west
☐ 2. 5 km towards the east
☐ 3. 6 km towards the west
☐ 4. 7 km towards the east

Question ID : 7518979858

Option 1 ID : 75189739431

Option 2 ID : 75189739430

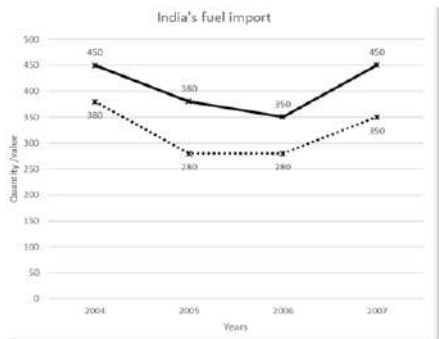
Option 3 ID : 75189739432

Option 4 ID : 75189739429

Status : Answered

Chosen Option : 1

Q.68 The line graph given below shows India's total quantity of fuel imported (in million tonnes) (dotted line) and the total value of that fuel imported (in USD billion) (solid line) for the year 2004-2007. Study the graph and answer the question.



What was the ratio of the quantity of fuel imported to the value of fuel imported in the year 2006?

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

Question ID : 75189710961

Option 1 ID : 75189743844

Option 2 ID : 75189743842

Option 3 ID : 75189743843

Option 4 ID : 75189743841

Status : Answered

Chosen Option : 4

Q.69

- Ans ☒ 1. 4.8
☐ 2. 3.2
☐ 3. 6.4
☐ 4. 2.4

Question ID : 7518979962
Option 1 ID : 75189739847
Option 2 ID : 75189739846
Option 3 ID : 75189739848
Option 4 ID : 75189739845

Status : Answered

Chosen Option : 1

Q.70 If the number of turns in a solenoid increases, then:

- Ans ☒ 1. magnetic field increases
☐ 2. magnetic field decreases
☐ 3. magnetic field remains constant
☐ 4. magnetic field decreases to zero

Question ID : 7518979580
Option 1 ID : 75189738317
Option 2 ID : 75189738318
Option 3 ID : 75189738319
Option 4 ID : 75189738320

Status : Answered

Chosen Option : 1

Q.71 Conversion of energy in electric motor is:

- Ans ☐ 1. Sunlight to electrical energy
☐ 2. Electrical energy to heat energy
☐ 3. Mechanical energy to electrical energy
☒ 4. Electrical energy to mechanical energy

Question ID : 7518979562
Option 1 ID : 75189738245
Option 2 ID : 75189738248
Option 3 ID : 75189738247
Option 4 ID : 75189738246

Status : Answered

Chosen Option : 4

Q.72

- Ans
- ☒ 1. doubled
 - ☒ 2. halved
 - ☒ 3. increased by 4 times
 - ☒ 4. unchanged

Question ID : 75189711157

Option 1 ID : 75189744625

Option 2 ID : 75189744626

Option 3 ID : 75189744628

Option 4 ID : 75189744627

Status : Answered

Chosen Option : 3

Q.73 If $\times$ stands for $-$, $+$ stands for $+$, $\div$ stands for $\div$ and $-$ stands for $\times$, what will come in place of the question mark (?) in the following equation?

$$24 \div 30 - 9 + 15 \times 18 = ?$$

- Ans
- ☒ 1. 32
 - ☒ 2. 29
 - ☒ 3. 24
 - ☒ 4. 42

Question ID : 7518979049

Option 1 ID : 75189736193

Option 2 ID : 75189736194

Option 3 ID : 75189736195

Option 4 ID : 75189736196

Status : Answered

Chosen Option : 3

Q.74 Which of the following numbers will replace the question mark (?) in the given series?

15, 17, 20, 25, 32, ?

- Ans
- ☒ 1. 40
 - ☒ 2. 45
 - ☒ 3. 43
 - ☒ 4. 44

Question ID : 7518978308

Option 1 ID : 75189733232

Option 2 ID : 75189733229

Option 3 ID : 75189733231

Option 4 ID : 75189733230

Status : Answered

Chosen Option : 3

Q.75

- Ans ☒ 1. 1.8
☐ 2. 2.4
☐ 3. 3
☐ 4. 1

Question ID : 75189710694
Option 1 ID : 75189742775
Option 2 ID : 75189742773
Option 3 ID : 75189742776
Option 4 ID : 75189742774
Status : Answered
Chosen Option : 4

Q.76 Which of the following is a Middle Indian dialect that is closely related to Sanskrit, and is one of the major languages of Buddhist scriptures and literature?

- Ans ☐ 1. Saraiki
☐ 2. Varhadi
☒ 3. Pali
☐ 4. Paisaci

Question ID : 7518974012
Option 1 ID : 75189716048
Option 2 ID : 75189716045
Option 3 ID : 75189716046
Option 4 ID : 75189716047
Status : Answered
Chosen Option : 3

Q.77 The LCM of two numbers is 1260 and their HCF is 30. If one of the two numbers is 180, find the other number.

- Ans ☐ 1. 240
☐ 2. 270
☐ 3. 200
☒ 4. 210

Question ID : 7518979918
Option 1 ID : 75189739671
Option 2 ID : 75189739672
Option 3 ID : 75189739669
Option 4 ID : 75189739670
Status : Answered
Chosen Option : 4

Q.78

- Ans
- ☒ 1. 268.19
 - ☐ 2. 248.19
 - ☐ 3. 258.19
 - ☐ 4. 278.19

Question ID : 75189710021
Option 1 ID : 75189740083
Option 2 ID : 75189740081
Option 3 ID : 75189740082
Option 4 ID : 75189740084
Status : Answered
Chosen Option : 1

Q.79 Which of the following is/are an abiotic component of an ecosystem?

- Ans
- ☐ 1. Insects
 - ☐ 2. Microorganisms
 - ☒ 3. Soil
 - ☐ 4. Fungi

Question ID : 7518977855
Option 1 ID : 75189731418
Option 2 ID : 75189731419
Option 3 ID : 75189731420
Option 4 ID : 75189731417
Status : Answered
Chosen Option : 3

Q.80 An electric transformer works on the principle of:

- Ans
- ☐ 1. photoelectric effect
 - ☐ 2. Ohm's law
 - ☐ 3. Joule's heating effect
 - ☒ 4. electromagnetic induction

Question ID : 75189711177
Option 1 ID : 75189744706
Option 2 ID : 75189744708
Option 3 ID : 75189744707
Option 4 ID : 75189744705
Status : Answered
Chosen Option : 4

Q.81

- Ans
-  1. 70
 -  2. 74
 -  3. 72
 -  4. 78

Question ID : **75189710909**
Option 1 ID : **75189743634**
Option 2 ID : **75189743635**
Option 3 ID : **75189743636**
Option 4 ID : **75189743633**
Status : **Answered**
Chosen Option : **2**

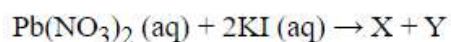
Q.82

In which of the following cities is the Indian Institute of Tropical Meteorology located?

- Ans
-  1. Pune
 -  2. Mumbai
 -  3. Delhi
 -  4. Kochi

Question ID : **7518973893**
Option 1 ID : **75189715570**
Option 2 ID : **75189715571**
Option 3 ID : **75189715569**
Option 4 ID : **75189715572**
Status : **Not Answered**
Chosen Option : **--**

Q.83 In the given double displacement reaction, identify the products X and Y.



- Ans
- ☒ 1. $\text{PbI}_2 + \text{HNO}_3$
 - ☒ 2. $\text{PbI}_2 (\text{s}) + \text{KCl} (\text{s})$
 - ☒ 3. No reaction occurs
 - ☒ 4. $\text{PbI}_2 (\text{s}) + 2\text{KNO}_3 (\text{aq})$

Question ID : 7518973592

Option 1 ID : 75189714367

Option 2 ID : 75189714366

Option 3 ID : 75189714368

Option 4 ID : 75189714365

Status : Answered

Chosen Option : 4

Q.84 What happens when a pencil is immersed in water?

- Ans
- ☒ 1. Colour of pencil changes
 - ☒ 2. Pencil appears bright
 - ☒ 3. Pencil appears bent
 - ☒ 4. Pencil looks curved

Question ID : 7518979537

Option 1 ID : 75189738145

Option 2 ID : 75189738146

Option 3 ID : 75189738147

Option 4 ID : 75189738148

Status : Answered

Chosen Option : 3

Q.85

The value of $\sqrt{190 + \sqrt{11 + \sqrt{617 + 8}}}$ is _____.

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

Question ID : 75189710623

Option 1 ID : 75189742492

Option 2 ID : 75189742489

Option 3 ID : 75189742491

Option 4 ID : 75189742490

Status : Answered

Chosen Option : 1

Q.86

- Ans
- ☒ 1. an ionic bond between the two nitrogen atoms
 - ☒ 2. a double bond between the two nitrogen atoms
 - ☒ 3. a single bond between the two nitrogen atoms
 - ☒ 4. a triple bond between the two nitrogen atoms

Question ID : 7518979588

Option 1 ID : 75189738352

Option 2 ID : 75189738351

Option 3 ID : 75189738350

Option 4 ID : 75189738349

Status : Answered

Chosen Option : 2

Q.87 Nitu Ghangas won Gold in which sport at the Commonwealth Games 2022?

- Ans
- ☒ 1. Boxing
 - ☒ 2. Athletics
 - ☒ 3. Wrestling
 - ☒ 4. Judo

Question ID : 7518976517

Option 1 ID : 75189726067

Option 2 ID : 75189726066

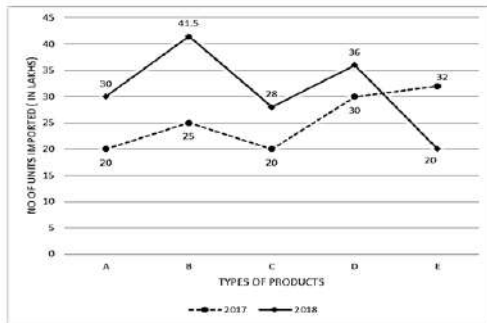
Option 3 ID : 75189726065

Option 4 ID : 75189726068

Status : Not Answered

Chosen Option : --

- Q.88** The line graph given below shows the total number of different products A, B, C, D and E (in lakh) are imported by a company in 2017 and 2018. Study the graph carefully and answer the following question.



What was the ratio of the number of type C products imported in the year 2017 to that in 2018?

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

Question ID : 75189710959

Option 1 ID : 75189743834

Option 2 ID : 75189743836

Option 3 ID : 75189743835

Option 4 ID : 75189743833

Status : Answered

Chosen Option : 4

- Q.89** The position of how many letters will remain unchanged if each of the letters in the word HMADIST is arranged in alphabetical order?

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

Question ID : 7518979842

Option 1 ID : 75189739367

Option 2 ID : 75189739368

Option 3 ID : 75189739365

Option 4 ID : 75189739366

Status : Answered

Chosen Option : 1

Q.90

Ans

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

Question ID : 7518978766

Option 1 ID : 75189735061

Option 2 ID : 75189735064

Option 3 ID : 75189735062

Option 4 ID : 75189735063

Status : Answered

Chosen Option : 4

Q.91 A train travels at an average speed of 30 miles per hour for $2\frac{1}{2}$ hours and then travels at a speed of 60 miles per hour for $1\frac{1}{4}$ hours. The total distance (in miles) covered by the train is _____.

Ans

- ☐ 1. 90
- ☐ 2. 180
- ☒ 3. 165
- ☐ 4. 135

Question ID : 75189710669

Option 1 ID : 75189742673

Option 2 ID : 75189742674

Option 3 ID : 75189742675

Option 4 ID : 75189742676

Status : Answered

Chosen Option : 3

Q.92 ABCD is a quadrilateral in which P, Q, R and S are mid-points of the sides AB, BC, CD and DA, respectively. The quadrilateral PQRS is necessarily a:

Ans

- ☐ 1. rectangle
- ☐ 2. rhombus
- ☐ 3. Trapezium, but not a parallelogram
- ☒ 4. parallelogram

Question ID : 75189710043

Option 1 ID : 75189740169

Option 2 ID : 75189740171

Option 3 ID : 75189740170

Option 4 ID : 75189740172

Status : Answered

Chosen Option : 2

Q.93

- Ans
- ☒ 1. Sunder lal Bahuguna
 - ☒ 2. Dr. AK Banerjee
 - ☒ 3. Dr. Sunita Narain
 - ☒ 4. Dr. Rajendra Singh

Question ID : 7518974697

Option 1 ID : 75189718785

Option 2 ID : 75189718787

Option 3 ID : 75189718788

Option 4 ID : 75189718786

Status : Not Answered

Chosen Option : --

Q.94 Which of the following reactions is an example of double displacement?

- Ans
- ☒ 1. $\text{Fe(s)} + \text{CuSO}_4(\text{aq}) \rightarrow \text{FeSO}_4(\text{aq}) + \text{Cu(s)}$
 - ☒ 2. $\text{Zn(s)} + \text{CuSO}_4(\text{aq}) \rightarrow \text{ZnSO}_4(\text{aq}) + \text{Cu(s)}$
 - ☒ 3. $\text{Na}_2\text{SO}_4(\text{aq}) + \text{BaCl}_2(\text{aq}) \rightarrow \text{BaSO}_4(\text{s}) + 2\text{NaCl}(\text{aq})$
 - ☒ 4. $\text{Pb(s)} + \text{CuCl}_2(\text{aq}) \rightarrow \text{PbCl}_2(\text{aq}) + \text{Cu(s)}$

Question ID : 75189710344

Option 1 ID : 75189741376

Option 2 ID : 75189741374

Option 3 ID : 75189741375

Option 4 ID : 75189741373

Status : Answered

Chosen Option : 3

Q.95 If a toaster is connected to 440 V AC instead of 220 V AC, then the heat produced per second will be _____ of the initial amount.

- Ans
- ☒ 1. half
 - ☒ 2. one-fourth
 - ☒ 3. four times
 - ☒ 4. twice

Question ID : 7518979575

Option 1 ID : 75189738298

Option 2 ID : 75189738300

Option 3 ID : 75189738299

Option 4 ID : 75189738297

Status : Answered

Chosen Option : 4

Q.96

- Ans
- ☒ 1. mul, tod
 - ☒ 2. din, mul
 - ☒ 3. tod, mul
 - ☒ 4. tod, din

Question ID : 75189710875

Option 1 ID : 75189743500

Option 2 ID : 75189743499

Option 3 ID : 75189743497

Option 4 ID : 75189743498

Status : Answered

Chosen Option : 4

Q.97 A dishonest vendor claims that he is selling goods at their cost price. But he is weighing 850 grams for 1000 grams. What is his profit percentage (rounded off to 2 decimal places)?

- Ans
- ☒ 1. 14.65%
 - ☒ 2. 15.65%
 - ☒ 3. 17.65%
 - ☒ 4. 16.65%

Question ID : 7518979949

Option 1 ID : 75189739793

Option 2 ID : 75189739794

Option 3 ID : 75189739796

Option 4 ID : 75189739795

Status : Answered

Chosen Option : 3

Q.98 A shopkeeper offered a machine at a discount of 10% after setting its marked price at 10% above the cost price. His loss percentage is _____.

- Ans
- ☒ 1. 1%
 - ☒ 2. 10%
 - ☒ 3. 7.8%
 - ☒ 4. 9.8%

Question ID : 75189710666

Option 1 ID : 75189742664

Option 2 ID : 75189742661

Option 3 ID : 75189742663

Option 4 ID : 75189742662

Status : Answered

Chosen Option : 1

Q.99 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.

TXB : QWE :: REA : ODD :: DUW : ?

- Ans
- ☒ 1. AQX
 - ☒ 2. ATX
 - ☒ 3. BTZ
 - ☒ 4. ATZ

Question ID : 75189710902

Option 1 ID : 75189743607

Option 2 ID : 75189743608

Option 3 ID : 75189743605

Option 4 ID : 75189743606

Status : Answered

Chosen Option : 4

Q.100 Which of the following statements is INCORRECT?

- Ans
- ☒ 1. Carbon dioxide is more soluble in water than oxygen.
 - ☒ 2. The pyruvate is converted into lactic acid which is a three-carbon molecule.
 - ☒ 3. The respiratory pigment is present in the white blood corpuscles.
 - ☒ 4. The walls of the alveoli contain an extensive network of blood-vessels.

Question ID : 75189710194

Option 1 ID : 75189740773

Option 2 ID : 75189740775

Option 3 ID : 75189740774

Option 4 ID : 75189740776

Status : Answered

Chosen Option : 3