



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 conclusions 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 \_\_\_\_\_ is a suitable mirror that can be used to focus sunlight to a point.

- 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 86<sup>th</sup> 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** Farah got married 8 years ago. Today her age is  $\frac{9}{7}$  times her age at the time of her marriage. At present her daughter's age is  $\frac{1}{6}$  of her age. Her daughter's age 3 years ago was:

- 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** Five persons are sitting in a straight row, facing North. K and N are sitting at the two extreme ends. R is sitting to the immediate left of L. M is sitting to the immediate left of N. K and L are the immediate neighbours of R. What is R's position when counted from the extreme left end?

**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

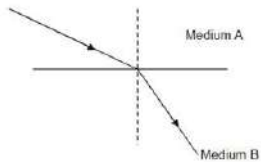
Option 3 ID : 75189730498

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  $\text{m}^2$ , 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** How many Indian Institutes of Technology were started under the First Five-Year Plan?

- 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** In a row of people all facing north, Mohit is at 20<sup>th</sup> position from the extreme left end and 30<sup>th</sup> from the extreme right end of the row. How many people are there in the row?

- 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 Which of the following is NOT an example of fixed cost for a firm?

- 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 6<sup>th</sup> from the right end and Abhimanyu is 14<sup>th</sup> 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 In Economics, Average product = \_\_\_\_\_ ÷ Labour

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

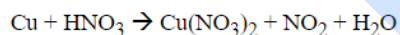
Question ID : 7518978556  
 Option 1 ID : 75189734222  
 Option 2 ID : 75189734223  
 Option 3 ID : 75189734224  
 Option 4 ID : 75189734221  
 Status : Answered  
 Chosen Option : 3

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 Which of the following Articles discusses the veto power of the President of India?

- 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** January 2022, researchers at the IIT Kharagpur have developed a new highly accurate, portable, yet user-friendly, affordable and non-invasive device for detecting \_\_\_\_\_ in resource-constrained clinical settings.

- 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 31<sup>st</sup> 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** As per the report of the National Rubber Policy 2019, India is the \_\_\_\_\_ largest producer of Natural Rubber in the world.

- 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 Autotrophs store their food in the form of:

- 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** The value of  $2\sqrt{2} \sin 45^\circ \sin 30^\circ + 2\sqrt{3} \cos 60^\circ \tan 60^\circ - \sin 90^\circ$  is \_\_\_\_\_.

- 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 In India, \_\_\_\_\_ is observed as Rashtriya Ekta Diwas or National Unity Day every year.

- 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 Which of the following substances show biological magnification?

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

$$87 \times 3 - 8 + 5 \div 10$$

- 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 \$ 8 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** As of August 2022, which Article of the Constitution of India says "No child below the age of fourteen years shall be employed to work in any factory or mine or engaged in any other hazardous employment"?

- 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**

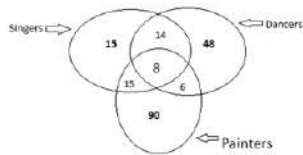


Q.61 Which of the following metals is the most reactive?

- 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** Alok starts from Point B and drives 5 km towards the north. He then takes a right turn, drives 10 km, turns right and drives 5 km. He takes a final right turn, drives 3 km and stops at Point X. How far and towards which direction should he drive in order to reach Point B from Point X? (All turns are 90 degree turns only)

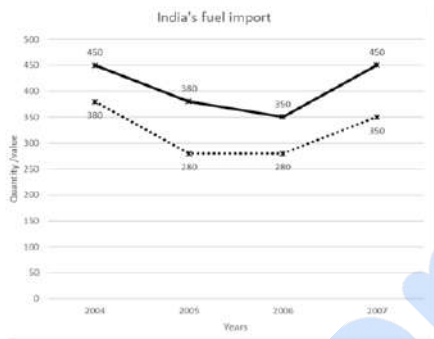
- Ans**
- ✓ 1. 7 km towards the west
  - ✗ 2. 5 km towards the east
  - ✗ 3. 6 km towards the west
  - ✗ 4. 7 km towards the east

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** A and B can do a piece of work in 12 days and 8 days, respectively. The number of days required to complete the work if both A and B work together is:

- 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** If the length of the wire is doubled and cross section area of the wire is halved then the resistivity of the material is:

- 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** If the lengths of the sides of a triangle are  $x + 1$ ,  $7 - x$  and  $4x - 2$ , then the value of  $x$  for which the triangle represents an isosceles triangle is \_\_\_\_\_.

- 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** Find the volume (in  $\text{cm}^3$ ) of a sphere having a diameter of 8 cm, giving your answer correct to two places of decimal.

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

- 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** Which of the following numbers will replace the question mark (?) in the given series?

14, 18, 26, 38, 54, ?

**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**

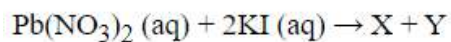
Option 3 ID : **75189715569**

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 In case of  $N_2$ , the molecule has \_\_\_\_\_.

- 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

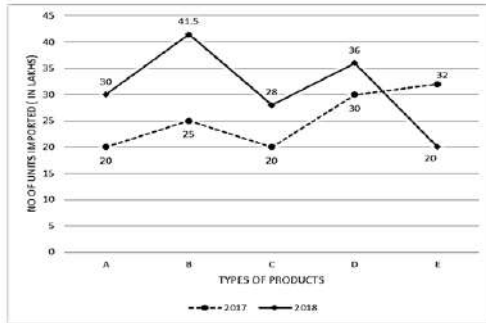
Option 3 ID : 75189726065

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 The roots of  $6 - 4x^2 + 5x = 0$  are:

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** Who was the mastermind behind the Arabari Project of West Bengal, which started in 1972?

- 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** In a code language, 'mangoes are here' is written as 'tod din mul', 'no fruit is like mangoes' as 'mado si fla pri tod' and 'I am here' as 'lopi din nro'. What code words are written for 'mangoes' and 'here' respectively?

- 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**