



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 | GITA Autonomous College |
| Test Date        | 30/09/2022              |
| Test Time        | 9:00 AM - 10:30 AM      |
| 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 Currently Hema is 48 years old and Roja is 32 years old. How many years ago was the ratio of their ages 5 : 3?

Ans ☒ 1. 9 years

☒ 2. 6 years

☒ 3. 8 years

☒ 4. 7 years

Question ID : 75189712826

Option 1 ID : 75189751302

Option 2 ID : 75189751304

Option 3 ID : 75189751301

Option 4 ID : 75189751303

Status : Answered

Chosen Option : 3

Q.2 The external length, breadth and depth of a cuboidal iron storage space are 4 m, 3.6 m, and 1.5 m, respectively. It is open at the top. What is the cost (in ₹) of painting its outer surface at the rate of ₹55 per  $m^2$ ?

Ans ☒ 1. 1,991

☒ 2. 2,046

☒ 3. 1,936

☒ 4. 2,838

Question ID : 75189712654

Option 1 ID : 75189750614

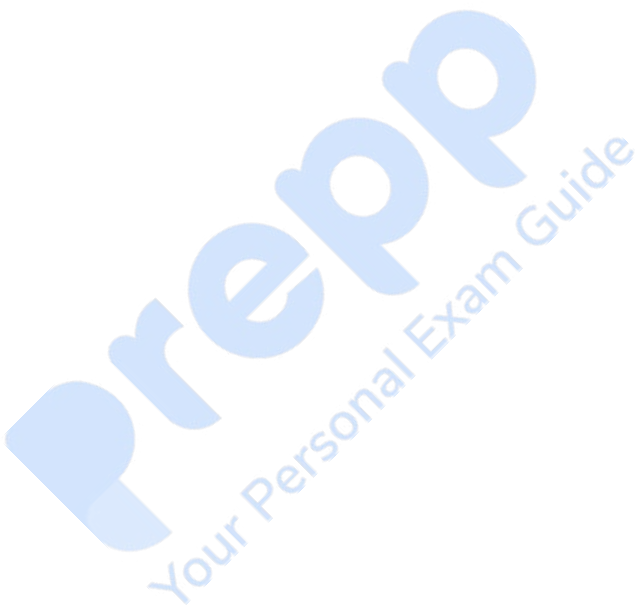
Option 2 ID : 75189750615

Option 3 ID : 75189750613

Option 4 ID : 75189750616

Status : Answered

Chosen Option : 2



**Q.3** Puneet walks 4 m towards the west. He turns right and walks 7 m. He turns left and walks 4 m. He again turns left and walks 7 m. He turns right and walks 3 m. In which direction is he facing now? (All turns are 90 degree turns only)

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

Question ID : **75189714252**

Option 1 ID : **75189757006**

Option 2 ID : **75189757008**

Option 3 ID : **75189757007**

Option 4 ID : **75189757005**

Status : **Answered**

Chosen Option : **1**

**Q.4** Refer to the following number series and answer the question.

(Left) 9 2 3 5 7 8 6 3 2 1 5 6 7 9 4 3 6 3 5 8 2 (Right)

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

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

Question ID : **75189710850**

Option 1 ID : **75189743398**

Option 2 ID : **75189743397**

Option 3 ID : **75189743400**

Option 4 ID : **75189743399**

Status : **Answered**

Chosen Option : **4**

**Q.5** The process of obtaining images of different body parts by using a weak magnetic field produced inside the body is called \_\_\_\_\_.

- Ans**
- ☐ 1. PET scan
  - ☐ 2. Ultrasound scan
  - ☐ 3. CT scan
  - ☒ 4. MRI scan

Question ID : **75189713819**

Option 1 ID : **75189755275**

Option 2 ID : **75189755276**

Option 3 ID : **75189755273**

Option 4 ID : **75189755274**

Status : **Answered**

Chosen Option : **4**

**Q.6** What is the correct statement about Mayor?

**Ans** ☒ 1.

Mayor is the second citizen of the Municipal Corporation after City Magistrate.

☒ 2. Tenure of Mayors of cities in India is fixed for five years.

☒ 3. Mayor is elected by the Governor of the State.

☒ 4. Mayor is the head of the Municipal Corporation.

Question ID : **75189715482**

Option 1 ID : **75189761925**

Option 2 ID : **75189761927**

Option 3 ID : **75189761928**

Option 4 ID : **75189761926**

Status : **Answered**

Chosen Option : **2**

**Q.7** The Shanti Swarup Bhatnagar Prize for Science and Technology is a science award in India given annually by which of the following scientific bodies?

**Ans** ☒ 1. Indian Council of Medical Research (ICMR)

☒ 2. Department of Biotechnology (DBT)

☒ 3. Council of Scientific and Industrial Research (CSIR)

☒ 4. Department of Science and Technology (DST)

Question ID : **75189715403**

Option 1 ID : **75189761610**

Option 2 ID : **75189761611**

Option 3 ID : **75189761609**

Option 4 ID : **75189761612**

Status : **Answered**

Chosen Option : **3**

**Q.8** Which of the following is divisible by 9?

**Ans** ☒ 1. 3132

☒ 2. 1099

☒ 3. 2352

☒ 4. 2121

Question ID : **75189712916**

Option 1 ID : **75189751664**

Option 2 ID : **75189751661**

Option 3 ID : **75189751663**

Option 4 ID : **75189751662**

Status : **Answered**

Chosen Option : **1**

**Q.9** Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

7 : 4096 :: 6 : ? :: 4 : 1

- Ans**
- ☒ 1. 245
  - ☒ 2. 246
  - ☒ 3. 243
  - ☒ 4. 242

Question ID : 75189713705

Option 1 ID : 75189754817

Option 2 ID : 75189754819

Option 3 ID : 75189754818

Option 4 ID : 75189754820

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

Chosen Option : --

**Q.10** 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.

F G \_ C \_ I Q \_ S F \_ S C A I Q \_ S F \_ S C \_ I \_ P S

- Ans**
- ☒ 1. S A P G P G A Q
  - ☒ 2. S A P G B G A P
  - ☒ 3. S A P F B F A P
  - ☒ 4. S A P G P G B Q

Question ID : 75189713095

Option 1 ID : 75189752377

Option 2 ID : 75189752378

Option 3 ID : 75189752380

Option 4 ID : 75189752379

Status : **Answered**

Chosen Option : 1

**Q.11** The net resistance of the two resistors connected in series is 6 ohm. If one of the resistances is 2 ohm, what is the other resistance if the current flowing through them is 4 amp?

- Ans**
- ☒ 1. 4 ohm
  - ☒ 2. 8 ohm
  - ☒ 3. 12 ohm
  - ☒ 4. 3 ohm

Question ID : 75189713805

Option 1 ID : 75189755219

Option 2 ID : 75189755217

Option 3 ID : 75189755220

Option 4 ID : 75189755218

Status : **Answered**

Chosen Option : 1

Q.12 Which of the following compounds can conduct electricity?

- Ans
- ☐ 1. Kerosene
  - ☐ 2. Alcohol
  - ☒ 3. Sodium chloride
  - ☐ 4. Glucose

Question ID : 75189715029

Option 1 ID : 75189760115

Option 2 ID : 75189760116

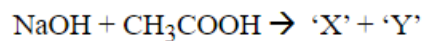
Option 3 ID : 75189760114

Option 4 ID : 75189760113

Status : Answered

Chosen Option : 1

Q.13 Identify 'X' and 'Y' products respectively, in the given chemical equation.



- Ans
- ☒ 1.  $\text{CH}_3\text{COONa}$  and  $\text{H}_2\text{O}$
  - ☐ 2.  $\text{NaO}$  and  $\text{CO}_2$
  - ☐ 3.  $\text{Na}_2\text{OH}$  and  $\text{CO}_2$
  - ☐ 4.  $\text{CH}_3\text{CO}_2\text{H}$  and  $\text{Na}(\text{OH})_2$

Question ID : 75189714774

Option 1 ID : 75189759094

Option 2 ID : 75189759093

Option 3 ID : 75189759096

Option 4 ID : 75189759095

Status : Answered

Chosen Option : 1

Q.14 Find the gain percentage, given that Bushra sold her scooter for ₹15,000 gaining one-fifth of the selling price.

- Ans
- ☐ 1. 10%
  - ☐ 2. 20%
  - ☐ 3. 15%
  - ☒ 4. 25%

Question ID : 75189713310

Option 1 ID : 75189753237

Option 2 ID : 75189753240

Option 3 ID : 75189753238

Option 4 ID : 75189753239

Status : Answered

Chosen Option : 2

**Q.15** Which of the following alternatives is NOT a source of formal data on unemployment in India?

- Ans**
- ☒ 1. Reports of Census of India
  - ☒ 2. Reports by Directorate General of Employment
  - ☒ 3. Reports of National Family Health Survey
  - ☒ 4. National Sample Survey Reports

Question ID : **75189714005**  
Option 1 ID : **75189756017**  
Option 2 ID : **75189756020**  
Option 3 ID : **75189756018**  
Option 4 ID : **75189756019**  
Status : **Not Answered**  
Chosen Option : --

**Q.16** Mango showers can be defined as:

- Ans**
- ☒ 1. monsoon showers which are common in the states of Uttar Pradesh and Bihar
  - ☒ 2. pre-monsoon showers which are common in the states of Karnataka and Kerala
  - ☒ 3. Snow storms during the winter season
  - ☒ 4. post-monsoon showers which are common in the states of Maharashtra and Madhya Pradesh

Question ID : **75189715454**  
Option 1 ID : **75189761815**  
Option 2 ID : **75189761814**  
Option 3 ID : **75189761816**  
Option 4 ID : **75189761813**  
Status : **Answered**  
Chosen Option : **2**

**Q.17** Six boxes M, N, O, P, Q and R are kept one above the other but not necessarily in the same order. Only 2 boxes are kept below M. Only one box is kept above Q. O is kept at any of the positions above R but not at the topmost position. R is not kept at the bottom most position. N is kept at any of positions below Q. Where is box P kept?

- Ans**
- ☒ 1. 2<sup>nd</sup> from the bottom
  - ☒ 2. 3<sup>rd</sup> from the top
  - ☒ 3. At the topmost position
  - ☒ 4. 3<sup>rd</sup> from the bottom

Question ID : **75189713597**  
Option 1 ID : **75189754385**  
Option 2 ID : **75189754387**  
Option 3 ID : **75189754388**  
Option 4 ID : **75189754386**  
Status : **Answered**  
Chosen Option : **3**

**Q.18** Which of the following countries won the Thomas Cup for the first time ever, in 2022?

- Ans**
- ✓ 1. India
  - ✗ 2. China
  - ✗ 3. Japan
  - ✗ 4. Indonesia

Question ID : **75189712539**

Option 1 ID : **75189750153**

Option 2 ID : **75189750155**

Option 3 ID : **75189750156**

Option 4 ID : **75189750154**

Status : **Answered**

Chosen Option : **1**

**Q.19** P, Q, R, S and T live on five different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 5. P lives immediately below T and immediately above S. P lives on an odd numbered floor. If R is not on the lowermost floor, where does T live?

- Ans**
- ✗ 1. 2nd floor
  - ✗ 2. 5th floor
  - ✗ 3. 1st floor
  - ✓ 4. 4th floor

Question ID : **75189714902**

Option 1 ID : **75189759606**

Option 2 ID : **75189759607**

Option 3 ID : **75189759605**

Option 4 ID : **75189759608**

Status : **Answered**

Chosen Option : **4**



Q.20 Match the cities in column-A with the rivers in column-B.

| Column-A (City) | Column-B (River) |
|-----------------|------------------|
| a. Ahmedabad    | 1. Godavari      |
| b. Kolkata      | 2. Brahmaputra   |
| c. Guwahati     | 3. Sabarmati     |
| d. Nasik        | 4. Hooghly       |

- Ans
- ☒ 1. a-4, b-3, c-1, d-2
  - ☒ 2. a-3, b-4, c-2, d-1
  - ☒ 3. a-4, b-3, c-2, d-1
  - ☒ 4. a-1, b-2, c-3, d-4

Question ID : 75189715464

Option 1 ID : 75189761856

Option 2 ID : 75189761855

Option 3 ID : 75189761854

Option 4 ID : 75189761853

Status : Answered

Chosen Option : 2

Q.21 Arun is the elder brother of Kiran. The difference in their ages is 20 years. If 5 years ago, Arun was 5 times as old as Kiran then was, then find the present age (in years) of Arun.

- Ans
- ☒ 1. 30
  - ☒ 2. 40
  - ☒ 3. 20
  - ☒ 4. 10

Question ID : 75189713370

Option 1 ID : 75189753479

Option 2 ID : 75189753480

Option 3 ID : 75189753478

Option 4 ID : 75189753477

Status : Answered

Chosen Option : 1

Q.22 The 'NavIC' is an independent regional navigation satellite system being developed by which country?

- Ans
- ☒ 1. Japan
  - ☒ 2. Russia
  - ☒ 3. India
  - ☒ 4. France

Question ID : 75189712451

Option 1 ID : 75189749802

Option 2 ID : 75189749801

Option 3 ID : 75189749804

Option 4 ID : 75189749803

Status : Not Answered

Chosen Option : --

**Q.23** ভারতীয় সংবিধানে আবির্ভাব অনুযায়ী সঠিক কালানুক্রমে আইন এবং নীতিগুলো বেছে নাও।

**Ans** ☒ 1.

শিক্ষার অধিকার আইন, তথ্য প্রযুক্তি আইন, প্রতিবন্ধী ব্যক্তির অধিকার আইন ও সুরক্ষা, তথ্য অধিকার আইন

☒ 2.

তথ্য অধিকার আইন, শিক্ষার অধিকার আইন, প্রতিবন্ধী ব্যক্তির অধিকার ও সুরক্ষা আইন, তথ্য প্রযুক্তি আইন

☒ 3.

তথ্য প্রযুক্তি আইন, তথ্য অধিকার আইন, প্রতিবন্ধী ব্যক্তির অধিকার ও সুরক্ষা আইন, শিক্ষার অধিকার আইন

☒ 4.

তথ্য প্রযুক্তি আইন, তথ্য অধিকার আইন, শিক্ষার অধিকার আইন, প্রতিবন্ধী ব্যক্তির অধিকার ও সুরক্ষা আইন

Question ID : **75189713981**

Option 1 ID : **75189755924**

Option 2 ID : **75189755923**

Option 3 ID : **75189755921**

Option 4 ID : **75189755922**

Status : **Not Answered**

Chosen Option : --

**Q.24** A statement is given followed by four conclusions. Find out which conclusion is NOT true based on the given statement.

Statement:  $P < Q \leq R < S > T \geq U > V$

**Conclusions:**

1)  $T > V$

2)  $P < R$

3)  $S \geq V$

4)  $Q < S$

**Ans** ☒ 1. 2

☒ 2. 1

☒ 3. 3

☒ 4. 4

Question ID : **75189713197**

Option 1 ID : **75189752786**

Option 2 ID : **75189752785**

Option 3 ID : **75189752787**

Option 4 ID : **75189752788**

Status : **Answered**

Chosen Option : **3**

**Q.25** The budget of any government is defined as:

**Ans** ☒ 1.

a weekly statement of the estimated receipts and expenditure of the government over the last week

☒ 2.

an annual statement of the estimated receipts and expenditure of the government over the fiscal year

☒ 3.

a monthly statement of the estimated receipts and expenditure of the government over the last month

☒ 4.

a biennial statement of the estimated receipts and expenditure of the government over the last two fiscal years

Question ID : **75189715428**

Option 1 ID : **75189761712**

Option 2 ID : **75189761710**

Option 3 ID : **75189761709**

Option 4 ID : **75189761711**

Status : **Answered**

Chosen Option : **2**

**Q.26** Which of the following numbers will replace the question mark (?) in the given series?

40   31.2   23.2   16   9.6   ?

**Ans** ☒ 1. 4.2

☒ 2. 3

☒ 3. 3.8

☒ 4. 4

Question ID : **75189712687**

Option 1 ID : **75189750745**

Option 2 ID : **75189750748**

Option 3 ID : **75189750746**

Option 4 ID : **75189750747**

Status : **Answered**

Chosen Option : **4**

**Q.27** Aquatic animals like fishes, excrete waste in which of the following forms?

**Ans** ☒ 1. Sweat salts

☒ 2. Uric acid

☒ 3. Ammonia

☒ 4. Urea

Question ID : **75189714828**

Option 1 ID : **75189759312**

Option 2 ID : **75189759311**

Option 3 ID : **75189759309**

Option 4 ID : **75189759310**

Status : **Not Answered**

Chosen Option : **--**

**Q.28** Select the correct combination of mathematical signs that can sequentially replace the \* and balance the given equation.

$$32 * 16 * 8 * 2 * 3 * 5 * 5$$

- Ans**
- ☒ 1.  $-, +, \div, \times, =, +$
  - ☒ 2.  $+, -, \div, \times, =, +$
  - ☒ 3.  $-, +, \div, =, \times, +$
  - ☒ 4.  $-, +, \times, =, \div, +$

Question ID : 75189714979

Option 1 ID : 75189759914

Option 2 ID : 75189759915

Option 3 ID : 75189759916

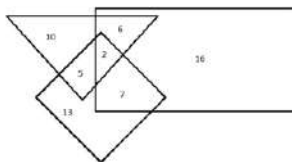
Option 4 ID : 75189759913

Status : Answered

Chosen Option : 3

**Q.29** In the following Venn diagram, the rectangle represents 'fruits', the triangle represents 'sour tasting eatables', and the square represents 'yellow coloured eatables'.

Select the option which represents the number of sour tasting yellow fruits.



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

Question ID : 75189714197

Option 1 ID : 75189756786

Option 2 ID : 75189756785

Option 3 ID : 75189756787

Option 4 ID : 75189756788

Status : Answered

Chosen Option : 1

**Q.30** If the arithmetic mean of 11, 15, 13,  $p$  and 10 is 11, then the value of  $p$  is:

- Ans**
- ☒ 1. 8
  - ☒ 2. 6
  - ☒ 3. 5
  - ☒ 4. 7

Question ID : 75189713436

Option 1 ID : 75189753744

Option 2 ID : 75189753742

Option 3 ID : 75189753741

Option 4 ID : 75189753743

Status : Answered

Chosen Option : 2

**Q.31** Select the correct group of fundamental rights provided by the Constitution of India from the given alternatives.

- A. Right to equality
- B. Right to freedom of religion
- C. Right to financial support for higher and professional education
- D. Right to constitutional remedies
- E. Right to paternal properties

**Ans** ☒ 1. B, D and E  
☒ 2. C, D and E  
☒ 3. A, B and D  
☒ 4. A, C and E

Question ID : **75189714016**

Option 1 ID : **75189756062**

Option 2 ID : **75189756064**

Option 3 ID : **75189756063**

Option 4 ID : **75189756061**

Status : **Not Answered**

Chosen Option : --

**Q.32** The radius of curvature of a convex mirror of focal length 2 m is:

**Ans** ☒ 1. 2.0 m  
☒ 2. 0.5 m  
☒ 3. 4.0 m  
☒ 4. 1.0 m

Question ID : **75189714081**

Option 1 ID : **75189756322**

Option 2 ID : **75189756321**

Option 3 ID : **75189756323**

Option 4 ID : **75189756324**

Status : **Answered**

Chosen Option : 3

**Q.33** Find the ratio between the LCM and the HCF of 5, 15 and 20.

**Ans** ☒ 1. 14 : 3  
☒ 2. 8 : 1  
☒ 3. 12 : 1  
☒ 4. 11 : 2

Question ID : **75189712933**

Option 1 ID : **75189751730**

Option 2 ID : **75189751729**

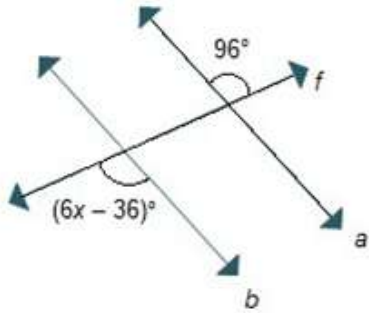
Option 3 ID : **75189751732**

Option 4 ID : **75189751731**

Status : **Answered**

Chosen Option : 3

Q.34 In the given figure, line a is parallel to line b. Find the value of x.



- Ans
- ☒ 1.  $96^\circ$
  - ☒ 2.  $32^\circ$
  - ☒ 3.  $22^\circ$
  - ☒ 4.  $36^\circ$

Question ID : 75189712090

Option 1 ID : 75189748359

Option 2 ID : 75189748357

Option 3 ID : 75189748360

Option 4 ID : 75189748358

Status : Answered

Chosen Option : 3

Q.35 Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

$$3.01^3 \div 2.99 \times 6.01 = ?$$

- Ans
- ☒ 1. 64
  - ☒ 2. 46
  - ☒ 3. 54
  - ☒ 4. 36

Question ID : 75189712712

Option 1 ID : 75189750848

Option 2 ID : 75189750846

Option 3 ID : 75189750845

Option 4 ID : 75189750847

Status : Answered

Chosen Option : 3

Q.36 Arrange the numbers given below in ascending order.

705.0, 7.005, 7.500, 70.50, 7050, 7.050, 75

- Ans
- ☒ 1. 7050, 705.0, 75, 70.50, 7.500, 7.050, 7.005
  - ☒ 2. 7.005, 7.500, 7.050, 70.50, 75, 705.0, 7050
  - ☒ 3. 7.005, 7.500, 7.050, 75, 70.50, 705.0, 7050
  - ☒ 4. 7.005, 7.050, 7.500, 70.50, 75, 705.0, 7050

Question ID : 75189713260

Option 1 ID : 75189753040

Option 2 ID : 75189753037

Option 3 ID : 75189753039

Option 4 ID : 75189753038

Status : Answered

Chosen Option : 4

Q.37 If  $\sin^2 x + 3 \cos^2 x = 2$ , and  $(0^\circ < x < 90^\circ)$ , find the value of  $\operatorname{cosec} x$ .

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

Question ID : 75189713415

Option 1 ID : 75189753659

Option 2 ID : 75189753658

Option 3 ID : 75189753660

Option 4 ID : 75189753657

Status : Answered

Chosen Option : 4

Q.38 A production cycle in which at least one production factor is fixed is known as:

- Ans
- ☒ 1. short run production
  - ☒ 2. variable long term production
  - ☒ 3. constant long term production
  - ☒ 4. long run production

Question ID : 75189715441

Option 1 ID : 75189761761

Option 2 ID : 75189761763

Option 3 ID : 75189761764

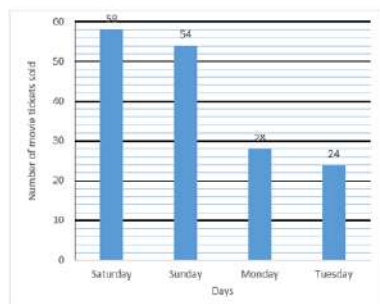
Option 4 ID : 75189761762

Status : Not Answered

Chosen Option : --

**Q.39** Study the given bar graph and answer the following question.

The given bar graph depicts the number of movie tickets sold on four days.



If the average number of tickets sold on Monday, Tuesday and Wednesday was 31, what was the number of tickets sold on Wednesday?

- Ans** ✓ 1. 41  
✗ 2. 43  
✗ 3. 39  
✗ 4. 45

Question ID : 75189712733

Option 1 ID : 75189750931

Option 2 ID : 75189750930

Option 3 ID : 75189750929

Option 4 ID : 75189750932

Status : Answered

Chosen Option : 1

**Q.40** The width of a rectangle is one-third of its length. If the perimeter of the rectangle is 64 cm, find the width of the rectangle.

- Ans** ✗ 1. 21 cm  
✗ 2. 24 cm  
✓ 3. 8 cm  
✗ 4. 16 cm

Question ID : 75189713359

Option 1 ID : 75189753434

Option 2 ID : 75189753433

Option 3 ID : 75189753435

Option 4 ID : 75189753436

Status : Answered

Chosen Option : 3



Q.41 Who won the Male Single's title of the All England Badminton Championship 2022?

- Ans
- ✓ 1. Viktor Axelsen
  - ✗ 2. Kidambi Srikanth
  - ✗ 3. Lee Zii Jia
  - ✗ 4. Lakshya Sen

Question ID : 75189715399

Option 1 ID : 75189761595

Option 2 ID : 75189761596

Option 3 ID : 75189761593

Option 4 ID : 75189761594

Status : Answered

Chosen Option : 1

Q.42 Which of the following is non-biodegradable?

- Ans
- ✗ 1. Coffee powder
  - ✗ 2. Wool
  - ✗ 3. Cotton
  - ✓ 4. Nylon

Question ID : 75189710278

Option 1 ID : 75189741110

Option 2 ID : 75189741112

Option 3 ID : 75189741109

Option 4 ID : 75189741111

Status : Answered

Chosen Option : 4

Q.43 The polarity of an electromagnet can be reversed by changing the \_\_\_\_\_.

- Ans
- ✓ 1. direction of current
  - ✗ 2. distance between the turns
  - ✗ 3. number of turns in the electromagnet
  - ✗ 4. magnitude of the current flowing through it

Question ID : 75189713883

Option 1 ID : 75189755529

Option 2 ID : 75189755531

Option 3 ID : 75189755530

Option 4 ID : 75189755532

Status : Answered

Chosen Option : 1

Q.44 The graph of  $y = 9x^2 + 16$ :

- Ans
- ☒ 1. touches the x-axis at  $\frac{4}{3}$
  - ☒ 2. either intersects or touches the x-axis
  - ☒ 3. intersects the x-axis at  $-\frac{4}{3}$  and  $\frac{4}{3}$
  - ☒ 4. neither intersects nor touches the x-axis

Question ID : 75189712836

Option 1 ID : 75189751342

Option 2 ID : 75189751343

Option 3 ID : 75189751341

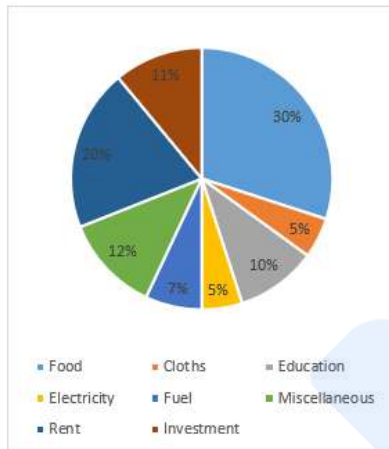
Option 4 ID : 75189751344

Status : Answered

Chosen Option : 3

Q.45 The given pie chart shows the expenses of a family in a month.

Read the chart and answer the question that follows.



What is the central angle for total expenditure on fuel, miscellaneous and investment?

- Ans
- ☒ 1.  $100^\circ$
  - ☒ 2.  $102^\circ$
  - ☒ 3.  $98^\circ$
  - ☒ 4.  $108^\circ$

Question ID : 75189713489

Option 1 ID : 75189753953

Option 2 ID : 75189753954

Option 3 ID : 75189753956

Option 4 ID : 75189753955

Status : Answered

Chosen Option : 4

**Q.46** An object of size 3.0 cm is placed at a distance of 50 cm from a concave lens of focal length 25 cm. The size of the image formed will be :

- Ans
- ☒ 1. 1.2 cm
  - ☒ 2. 0.33 cm
  - ☒ 3. 1.5 cm
  - ☒ 4. 1.0 cm

Question ID : 75189711301

Option 1 ID : 75189745202

Option 2 ID : 75189745204

Option 3 ID : 75189745201

Option 4 ID : 75189745203

Status : Answered

Chosen Option : 4

**Q.47** Select the correct statement about Rajya Sabha.

- Ans
- ☒ 1. A member who is elected for a full term in Rajya Sabha serves for a period of four years.
  - ☒ 2. The President of India act as ex-officio Chairman of Rajya Sabha.
  - ☒ 3. It is the lower house of parliament and it dissolves every five years.
  - ☒ 4. It is called upper house of parliament and it never dissolves.

Question ID : 75189715477

Option 1 ID : 75189761908

Option 2 ID : 75189761905

Option 3 ID : 75189761906

Option 4 ID : 75189761907

Status : Answered

Chosen Option : 4

**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.

ADG : EHK  
TJF : XNJ

- Ans
- ☒ 1. KOH : OSL
  - ☒ 2. JQR : NTV
  - ☒ 3. FJW : HLZ
  - ☒ 4. IPD : RKW

Question ID : 75189714928

Option 1 ID : 75189759709

Option 2 ID : 75189759712

Option 3 ID : 75189759710

Option 4 ID : 75189759711

Status : Answered

Chosen Option : 1

Q.49 What is the genetic material inherited from one generation to other?

- Ans
- ☒ 1. Enzymes
  - ☒ 2. Proteins
  - ☒ 3. DNA
  - ☒ 4. RNA

Question ID : 75189712591

Option 1 ID : 75189750364

Option 2 ID : 75189750361

Option 3 ID : 75189750363

Option 4 ID : 75189750362

Status : Answered

Chosen Option : 3

Q.50 Mr. X travelled 220 km, 250 km and 140 km at a speed of 11 km/h, 5 km/h and 7 km/h, respectively. Find his average speed in km/h.

- Ans
- ☒ 1.  $7\frac{7}{9}$
  - ☒ 2.  $6\frac{5}{9}$
  - ☒ 3.  $6\frac{7}{9}$
  - ☒ 4.  $6\frac{2}{9}$

Question ID : 75189713321

Option 1 ID : 75189753281

Option 2 ID : 75189753283

Option 3 ID : 75189753284

Option 4 ID : 75189753282

Status : Answered

Chosen Option : 3

Q.51 How is urea removed from the blood by an artificial kidney?

- Ans
- ☒ 1. By osmosis
  - ☒ 2. By filtration
  - ☒ 3. By enzymatic action
  - ☒ 4. By absorption

Question ID : 75189712277

Option 1 ID : 75189749106

Option 2 ID : 75189749105

Option 3 ID : 75189749108

Option 4 ID : 75189749107

Status : Not Answered

Chosen Option : --

Q.52

Find the value of  $n$ , when  $216^{\frac{2}{n}} = 36$ .

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

Question ID : 75189712899

Option 1 ID : 75189751596

Option 2 ID : 75189751594

Option 3 ID : 75189751595

Option 4 ID : 75189751593

Status : Answered

Chosen Option : 3

Q.53

The allotrope of which non-metal conducts electricity?

- Ans
- ☒ 1. Sulfur
  - ☒ 2. Phosphorous
  - ☒ 3. Carbon
  - ☒ 4. Oxygen

Question ID : 75189714990

Option 1 ID : 75189759958

Option 2 ID : 75189759957

Option 3 ID : 75189759960

Option 4 ID : 75189759959

Status : Answered

Chosen Option : 3

Q.54

20% of the population of a city died due to war, and of the remaining population, 5% died in an epidemic. If the present population of the city is 15,200, then find the population of the city before the war.

- Ans
- ☒ 1. 20,000
  - ☒ 2. 20,100
  - ☒ 3. 23,500
  - ☒ 4. 19,680

Question ID : 75189713289

Option 1 ID : 75189753156

Option 2 ID : 75189753154

Option 3 ID : 75189753155

Option 4 ID : 75189753153

Status : Answered

Chosen Option : 1

**Q.55** একটি বিবৃতি দেওয়া হয়েছে, তার পরে দুটি যুক্তি I এবং II দেওয়া হয়েছে। বিবৃতি এবং যুক্তিগুলি মনোযোগ সহকারে পড়ুন এবং প্রদত্ত বিকল্পগুলি থেকে উপযুক্ত উত্তর নির্বাচন করুন।

বিবৃতি:

ছোটবেলা থেকেই বাচ্চাদের মোবাইল ফোন ব্যবহার করার অনুমতি দেওয়া উচিত।

যুক্তি:

I. মোবাইল ফোনের রুমাগত ব্যবহার বাচ্চাদের বিদ্রোহ সৃষ্টি করে।

II. অনেক শিক্ষামূলক অ্যাপ বাচ্চাদের মধ্যে খেলাচ্ছলে প্রতিযোগিতাকে উৎসাহিত করে যেটি তাদের নতুন ধারণা শেখার উপায় বাড়ায়।

Ans

✓ 1. দুর্বল করে, যখন II বিবৃতিকে শক্তিশালী করে

✗ 2. I এবং II উভয়ই বিবৃতিকে শক্তিশালী করে

✗ 3. II দুর্বল করে, যখন I বিবৃতিটিকে শক্তিশালী করে

✗ 4. I এবং II উভয়ই বিবৃতিকে দুর্বল করে

Question ID : 75189715332

Option 1 ID : 75189761325

Option 2 ID : 75189761328

Option 3 ID : 75189761326

Option 4 ID : 75189761327

Status : Answered

Chosen Option : 2

**Q.56** Maulana Azad National Urdu University (MANUU) is a Central University established at National Level in \_\_\_\_\_ by an act of Parliament.

Ans

✗ 1. 2004

✗ 2. 2001

✗ 3. 1999

✓ 4. 1998

Question ID : 75189715417

Option 1 ID : 75189761668

Option 2 ID : 75189761667

Option 3 ID : 75189761666

Option 4 ID : 75189761665

Status : Not Answered

Chosen Option : --

**Q.57** In the phenomena of electromagnetic induction, when the coil carrying current and magnetic field are stationary, the galvanometer \_\_\_\_\_.

- Ans**
- ✓ 1. shows null deflection
  - ✗ 2. Shows deflection on both sides alternately
  - ✗ 3. deflects right
  - ✗ 4. deflects left

Question ID : **75189713886**

Option 1 ID : **75189755543**

Option 2 ID : **75189755544**

Option 3 ID : **75189755541**

Option 4 ID : **75189755542**

Status : **Answered**

Chosen Option : **2**

**Q.58** A man sells potatoes at ₹27 per kg, which he bought at ₹25 per kg. He also uses a faulty weight and each time gives 800 g instead of 1 kg. His actual gain percentage is:

- Ans**
- ✗ 1. 25%
  - ✓ 2. 35%
  - ✗ 3. 20%
  - ✗ 4. 40%

Question ID : **75189712630**

Option 1 ID : **75189750518**

Option 2 ID : **75189750519**

Option 3 ID : **75189750517**

Option 4 ID : **75189750520**

Status : **Answered**

Chosen Option : **2**

**Q.59** A statement is given followed by four conclusions. Find out which conclusion is INCORRECT based on the given statement.

Statement:  $S > W = T < L < O \leq R$

Conclusions:

1.  $W < R$

2.  $S > L$

3.  $W < O$

4.  $T < S$

**Ans** ☒ 1. 1  
☒ 2. 2  
☒ 3. 3  
☒ 4. 4

Question ID : 75189713182

Option 1 ID : 75189752725

Option 2 ID : 75189752726

Option 3 ID : 75189752727

Option 4 ID : 75189752728

Status : Answered

Chosen Option : 2

**Q.60** Hemodialysis consists of several tubes having semi-permeable lining suspended in tank having fluid that has \_\_\_\_\_

**Ans** ☒ 1. Same composition as renal filtrate  
☒ 2. Same composition as blood except that it has more heparin  
☒ 3. Same osmotic pressure as blood and is devoid of nitrogenous wastes  
☒ 4. Low osmotic pressure to enable movement of molecules

Question ID : 75189710212

Option 1 ID : 75189740845

Option 2 ID : 75189740847

Option 3 ID : 75189740846

Option 4 ID : 75189740848

Status : Not Answered

Chosen Option : --



**Q.61** Find the total surface area of a solid right circular cylinder whose radius of base is 2 cm, and the height is 10 cm.

- Ans**
- ✓ 1.  $48\pi \text{ cm}^2$
  - ✗ 2.  $840000\pi \text{ cm}^2$
  - ✗ 3.  $84000\pi \text{ cm}^2$
  - ✗ 4.  $8.4\pi \text{ cm}^2$

Question ID : **75189713403**  
Option 1 ID : **75189753609**  
Option 2 ID : **75189753612**  
Option 3 ID : **75189753610**  
Option 4 ID : **75189753611**  
Status : **Answered**  
Chosen Option : **1**

**Q.62** Town X is west of town Y. Town Q is north of X. Town P is east of Q and north-west of Y. What is the position of town P with respect to X?

- Ans**
- ✗ 1. North-west
  - ✓ 2. North-east
  - ✗ 3. South-west
  - ✗ 4. East

Question ID : **75189714921**  
Option 1 ID : **75189759681**  
Option 2 ID : **75189759682**  
Option 3 ID : **75189759684**  
Option 4 ID : **75189759683**  
Status : **Answered**  
Chosen Option : **2**

**Q.63** Which of the following statements with respect to position of elements having atomic number 11, 12, 13, 14, 15, 16, 17 and 18, respectively, in the modern periodic table is INCORRECT?

- Ans**
- ✗ 1. These elements belong to the third period of the modern periodic table.
  - ✓ 2. These elements belong to the second period of the modern periodic table.
  - ✗ 3. Electrons in the atoms of these elements are filled in K, L and M shells.
  - ✗ 4. These elements are placed in the same period in the modern periodic table.

Question ID : **75189711932**  
Option 1 ID : **75189747728**  
Option 2 ID : **75189747726**  
Option 3 ID : **75189747727**  
Option 4 ID : **75189747725**  
Status : **Answered**  
Chosen Option : **2**

**Q.64** Seven boxes E, F, G, H, I, J and K are kept one over the other but not necessarily in the same order. Only three boxes are kept between F and J. Neither G nor I is kept at the top. Only H is kept between G and I. K is kept immediately below J. Only one box is kept above F. How many boxes are kept between H and K?

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

Question ID : **75189713536**

Option 1 ID : **75189754142**

Option 2 ID : **75189754143**

Option 3 ID : **75189754141**

Option 4 ID : **75189754144**

Status : **Answered**

Chosen Option : **1**

**Q.65** If  $25 : 15 :: 15 : x$ , then find the value of x.

- Ans**
- ☒ 1. 9
  - ☒ 2. 15
  - ☒ 3. 11
  - ☒ 4. 13

Question ID : **75189712947**

Option 1 ID : **75189751785**

Option 2 ID : **75189751788**

Option 3 ID : **75189751786**

Option 4 ID : **75189751787**

Status : **Answered**

Chosen Option : **1**

**Q.66** A cross between a tall plant (TT) and short plant (tt) resulted in F<sub>1</sub> progeny which were all tall plants because:

- Ans**
- ☒ 1. The plant height is governed by T and t
  - ☒ 2. The plant height is governed by t only
  - ☒ 3. The plant height is governed by T or t
  - ☒ 4. The plant height is governed by T only

Question ID : **75189710238**

Option 1 ID : **75189740950**

Option 2 ID : **75189740951**

Option 3 ID : **75189740949**

Option 4 ID : **75189740952**

Status : **Answered**

Chosen Option : **4**

**Q.67** 'REASON' শব্দের প্রতিটি স্বরবর্ণকে ইংরেজি বর্ণের ক্রমানুসারে এটির পনের অক্ষরে পরিবর্তিত করা হয় এবং প্রতিটি ব্যঞ্জনবর্ণকে ইংরেজি বর্ণের ক্রমানুসারে এটির পূর্ববর্তী বর্ণে পরিবর্তিত করা হয়। এইভাবে গঠিত শব্দের প্রতিটি বর্ণকে বর্ণানুক্রমিকভাবে সাজানো হলে বাগদিক থেকে কোন্টি চতুর্থ বর্ণ হবে?

- Ans**
- ☒ 1. F
  - ☒ 2. M
  - ☒ 3. Q
  - ☒ 4. P

Question ID : 75189711533

Option 1 ID : 75189746129

Option 2 ID : 75189746130

Option 3 ID : 75189746132

Option 4 ID : 75189746131

Status : Not Answered

Chosen Option : --

**Q.68** Which of the following reactions is the most accurate representation of the reaction between barium chloride and sodium sulphate?

- Ans**
- ☒ 1.  $Na_2SO_4 + BaCl \rightarrow BaSO_4 + 2NaCl$
  - ☒ 2.  $Na_2SO_4 + BaCl_2 \rightarrow BaSO_4 + 2NaCl$
  - ☒ 3.  $NaSO_4 + BaCl_2 \rightarrow BaSO_4 + NaCl_2$
  - ☒ 4.  $NaSO_4 + BaCl \rightarrow BaSO_4 + NaCl$

Question ID : 75189712783

Option 1 ID : 75189751132

Option 2 ID : 75189751130

Option 3 ID : 75189751131

Option 4 ID : 75189751129

Status : Answered

Chosen Option : 2

**Q.69** If the time in the mirror image of a 12-hour clock is 3:25, what is the actual time?

- Ans**
- ☒ 1. 9:35
  - ☒ 2. 8:35
  - ☒ 3. 8:45
  - ☒ 4. 7:45

Question ID : 75189715353

Option 1 ID : 75189761410

Option 2 ID : 75189761411

Option 3 ID : 75189761412

Option 4 ID : 75189761409

Status : Answered

Chosen Option : 2

**Q.70** In this question, a group of numbers/symbols is coded using letters as per the given table and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number / Symbol | \$ | 3 | @ | 8 | % | 2 | # | & | 6 | 9 | π | 7 | 5 | 0 |
|-----------------|----|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code            | A  | V | L | K | R | M | B | F | N | T | E | C | S | W |

Conditions:

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

ψ62%85

- Ans** ✓ 1. SNMRKT  
 ✗ 2. TNMRKS  
 ✗ 3. SNLRBT  
 ✗ 4. TNBRLS

Question ID : 75189715275  
 Option 1 ID : 75189761100  
 Option 2 ID : 75189761099  
 Option 3 ID : 75189761097  
 Option 4 ID : 75189761098  
 Status : Not Answered  
 Chosen Option : --

**Q.71** Which of the following numbers will replace the question mark (?) in the given number series?

29, 30, 34, 43, 59, ?

- Ans** ✓ 1. 84  
 ✗ 2. 79  
 ✗ 3. 86  
 ✗ 4. 82

Question ID : 75189713637  
 Option 1 ID : 75189754547  
 Option 2 ID : 75189754548  
 Option 3 ID : 75189754546  
 Option 4 ID : 75189754545  
 Status : Answered  
 Chosen Option : 1

Q.72 Narmada Bachao Andolan is related to:

- Ans
- ☒ 1. Bhakra Nangal Dam
  - ☒ 2. Nagarjuna Sagar Dam
  - ☒ 3. Hirakud Dam
  - ☒ 4. Sardar Sarovar Dam

Question ID : 75189710297

Option 1 ID : 75189741185

Option 2 ID : 75189741187

Option 3 ID : 75189741186

Option 4 ID : 75189741188

Status : Not Answered

Chosen Option : --

Q.73 A person borrows ₹20,000 at 25% compound interest per year, compounded annually. At the end of every year, he pays ₹2,500 as part payment. How much does he still owe after two such instalments?

- Ans
- ☒ 1. ₹25,625
  - ☒ 2. ₹25,725
  - ☒ 3. ₹25,825
  - ☒ 4. ₹25,925

Question ID : 75189712960

Option 1 ID : 75189751837

Option 2 ID : 75189751838

Option 3 ID : 75189751839

Option 4 ID : 75189751840

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.74 Evaluate  $\left(\frac{-5}{7}\right)^{-6} \times \left(\frac{-5}{7}\right)^4$ .

- Ans
- ☒ 1.  $\frac{49}{25}$
  - ☒ 2.  $\frac{125}{343}$
  - ☒ 3.  $\frac{25}{49}$
  - ☒ 4.  $\frac{343}{125}$

Question ID : 75189712895

Option 1 ID : 75189751577

Option 2 ID : 75189751580

Option 3 ID : 75189751578

Option 4 ID : 75189751579

Status : Answered

Chosen Option : 1

Q.75 Find the arithmetic mean of the given frequency distribution.

| Marks | Frequency |
|-------|-----------|
| 50    | 3         |
| 28    | 4         |
| 85    | 6         |
| 40    | 7         |

- Ans
- ☒ 1. 56.2
  - ☒ 2. 50.5
  - ☒ 3. 40.95
  - ☒ 4. 52.6

Question ID : 75189713345

Option 1 ID : 75189753378

Option 2 ID : 75189753380

Option 3 ID : 75189753379

Option 4 ID : 75189753377

Status : Answered

Chosen Option : 2

Q.76 The commercial unit of electrical energy is \_\_\_\_\_.

- Ans
- ☒ 1. Watt
  - ☒ 2. Calorie
  - ☒ 3. Kilowatt hour
  - ☒ 4. Joule

Question ID : 75189713842

Option 1 ID : 75189755366

Option 2 ID : 75189755367

Option 3 ID : 75189755368

Option 4 ID : 75189755365

Status : Answered

Chosen Option : 3

Q.77 Seven boys, M, N, O, P, Q, R and S, are sitting around a circular table facing the centre. Exactly two boys sit between S and N, to the right of S. P is an immediate neighbour of M and S. R is second to the right of P and to the immediate right of S. N is an immediate neighbour of Q and O. If O is third to the left of M, where is Q seated?

- Ans
- ☒ 1. To the immediate left of P
  - ☒ 2. Second to the left of P
  - ☒ 3. Third to the left of P
  - ☒ 4. Fourth to the left of P

Question ID : 75189714888

Option 1 ID : 75189759549

Option 2 ID : 75189759552

Option 3 ID : 75189759551

Option 4 ID : 75189759550

Status : Answered

Chosen Option : 2

Q.78 The emergent ray from the optical centre of the lens will be \_\_\_\_\_.

- Ans ☒ 1. un-deviated
- ☒ 2. reflected
- ☒ 3. bent
- ☒ 4. deviated

Question ID : 75189713767

Option 1 ID : 75189755068

Option 2 ID : 75189755066

Option 3 ID : 75189755067

Option 4 ID : 75189755065

Status : Answered

Chosen Option : 1

Q.79 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 conditions is your answer.

| Number/Symbol | 3 | # | 6 | 4 | @ | 5 | 7 | 2 | % | 5 | = | 9 | 8 |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code          | T | H | J | K | M | P | U | D | U | E | W | V | S |

Conditions:

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

Decode %57#8 using the above information.

- Ans ☒ 1. SPUHU
- ☒ 2. SPIHU
- ☒ 3. SKUHU
- ☒ 4. UPUHS

Question ID : 75189713106

Option 1 ID : 75189752421

Option 2 ID : 75189752424

Option 3 ID : 75189752423

Option 4 ID : 75189752422

Status : Answered

Chosen Option : 1

**Q.80** Six students are sitting around a circular table facing the centre. Taran is an immediate neighbour of Karam and Viraj. Param is sitting second to the right of Taran. Sunny is an immediate neighbour of Param and Manjit. Karam is sitting second to the right of Sunny. Who is an immediate neighbour of Sunny and Viraj?

- Ans**
- ☒ 1. Taran
  - ☒ 2. Manjit
  - ☒ 3. Param
  - ☒ 4. Karam

Question ID : **75189713506**

Option 1 ID : **75189754022**

Option 2 ID : **75189754024**

Option 3 ID : **75189754021**

Option 4 ID : **75189754023**

Status : **Answered**

Chosen Option : **1**

**Q.81** An element 'A' reacts with chlorine to give a compound ACl with a high melting point. This compound is also soluble in water. The element 'A' is likely to be:

- Ans**
- ☒ 1. silicon
  - ☒ 2. iron
  - ☒ 3. sodium
  - ☒ 4. carbon

Question ID : **7518973690**

Option 1 ID : **75189714759**

Option 2 ID : **75189714760**

Option 3 ID : **75189714757**

Option 4 ID : **75189714758**

Status : **Answered**

Chosen Option : **3**

**Q.82** Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

$$2.33 - 4.12 + 6.13 \times 11.3 = ?$$

- Ans**
- ☒ 1. 43
  - ☒ 2. 39
  - ☒ 3. 106
  - ☒ 4. 64

Question ID : **75189713237**

Option 1 ID : **75189752946**

Option 2 ID : **75189752948**

Option 3 ID : **75189752945**

Option 4 ID : **75189752947**

Status : **Answered**

Chosen Option : **4**



Q.83 In which group of modern periodic table are halogens placed?

- Ans ☒ 1. 17<sup>th</sup>
- ☐ 2. 16<sup>th</sup>
- ☐ 3. 18<sup>th</sup>
- ☐ 4. 1<sup>st</sup>

Question ID : 75189711930

Option 1 ID : 75189747720

Option 2 ID : 75189747717

Option 3 ID : 75189747718

Option 4 ID : 75189747719

Status : Answered

Chosen Option : 1

Q.84 Which among the following statement is FALSE about transportation through phloem?

- Ans ☒ 1. Transportation in phloem uses GTP & CTP
- ☐ 2. Sucrose is transported initially by using energy into phloem
- ☐ 3. Transportation in phloem is by Utilization of energy (ATP)
- ☐ 4. Increase in osmotic pressure due to sucrose causes water to move into phloem.

Question ID : 75189710149

Option 1 ID : 75189740595

Option 2 ID : 75189740594

Option 3 ID : 75189740593

Option 4 ID : 75189740596

Status : Not Answered

Chosen Option : --

Q.85 Which of the following festivals is the mark of the triumph of Rama, an avatar of Vishnu, over the 10-headed demon king Ravana?

- Ans ☒ 1. Dussehra
- ☐ 2. Ram Navmi
- ☐ 3. Holi
- ☐ 4. Rakshabandhan

Question ID : 75189715412

Option 1 ID : 75189761648

Option 2 ID : 75189761645

Option 3 ID : 75189761647

Option 4 ID : 75189761646

Status : Answered

Chosen Option : 1

**Q.86** Mother Teresa was canonized by Pope Francis I on September 4, \_\_\_\_\_.

- Ans**
- ☒ 1. 2018
  - ☒ 2. 2014
  - ☒ 3. 2012
  - ☒ 4. 2016

Question ID : **75189712143**  
Option 1 ID : **75189748572**  
Option 2 ID : **75189748570**  
Option 3 ID : **75189748569**  
Option 4 ID : **75189748571**  
Status : **Not Answered**  
Chosen Option : --

**Q.87** In December 2021, to improve leadership skills of grassroot women political leaders, the National Commission for Women (NCW) launched a pan-India capacity building programme. What is the name of this programme?

- Ans**
- ☒ 1. 'She is a Leader'
  - ☒ 2. 'Womanhood at Grassroot'
  - ☒ 3. 'Ladki Hoon, Lad Sakti Hoon'
  - ☒ 4. 'She is a Changemaker'

Question ID : **75189712349**  
Option 1 ID : **75189749395**  
Option 2 ID : **75189749396**  
Option 3 ID : **75189749393**  
Option 4 ID : **75189749394**  
Status : **Not Answered**  
Chosen Option : --

**Q.88** The Mahanadi River system is the third largest in the peninsula of India and the largest river of \_\_\_\_\_.

- Ans**
- ☒ 1. Assam
  - ☒ 2. Telangana
  - ☒ 3. Odisha
  - ☒ 4. West Bengal

Question ID : **75189715298**  
Option 1 ID : **75189761189**  
Option 2 ID : **75189761192**  
Option 3 ID : **75189761191**  
Option 4 ID : **75189761190**  
Status : **Answered**  
Chosen Option : **3**

**Q.89** How many districts of West Bengal were included in the 'Combating Child Trafficking' campaign in August 2022?

- Ans
- ☐ 1. 15
  - ☐ 2. 22
  - ☒ 3. 11
  - ☐ 4. 5

Question ID : **75189715065**

Option 1 ID : **75189760259**

Option 2 ID : **75189760260**

Option 3 ID : **75189760258**

Option 4 ID : **75189760257**

Status : **Not Answered**

Chosen Option : --

**Q.90**

The value of  $\sqrt{2 + \sqrt{2 + \sqrt{2}}}$  is:

- Ans
- ☒ 1. 2
  - ☐ 2. 2.5
  - ☐ 3. 1.5
  - ☐ 4. 1.75

Question ID : **75189713383**

Option 1 ID : **75189753529**

Option 2 ID : **75189753531**

Option 3 ID : **75189753532**

Option 4 ID : **75189753530**

Status : **Answered**

Chosen Option : 1

**Q.91** Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All flowers are white.
2. Some flowers are dark.
3. All darks are blue.

Conclusions:

- I. Some whites are blue.
- II. All darks are white.

**Ans** ☒ 1. Neither conclusion I nor II follows

☒ 2. Only conclusion II follows

☒ 3. Both conclusions I and II follow

☒ 4. Only conclusion I follows

Question ID : **75189715396**

Option 1 ID : **75189761584**

Option 2 ID : **75189761582**

Option 3 ID : **75189761583**

Option 4 ID : **75189761581**

Status : **Answered**

Chosen Option : **4**

**Q.92** X people were given a contract for doing a piece of work in 15 days. 3 people did not turn up to work due to sickness, and the rest of the people completed the work in 20 days. What is the value of X?

**Ans** ☒ 1. 12

☒ 2. 14

☒ 3. 15

☒ 4. 10

Question ID : **75189713328**

Option 1 ID : **75189753309**

Option 2 ID : **75189753312**

Option 3 ID : **75189753310**

Option 4 ID : **75189753311**

Status : **Answered**

Chosen Option : **1**

Q.93 Which of the following DOES NOT contain covalent bond?

- Ans
- ☒ 1.  $H_2$
  - ☒ 2.  $NaOH$
  - ☒ 3.  $CH_4$
  - ☒ 4.  $NH_3$

Question ID : 75189712759

Option 1 ID : 75189751033

Option 2 ID : 75189751036

Option 3 ID : 75189751034

Option 4 ID : 75189751035

Status : Answered

Chosen Option : 2

Q.94 The ratio of the ages of Arjun and Dharma is 4 : 5. Four years ago, this ratio was 10 : 13. What will be the ratio of their ages after 3 years?

- Ans
- ☒ 1. 9 : 11
  - ☒ 2. 7 : 9
  - ☒ 3. 5 : 7
  - ☒ 4. 8 : 13

Question ID : 75189712834

Option 1 ID : 75189751333

Option 2 ID : 75189751335

Option 3 ID : 75189751336

Option 4 ID : 75189751334

Status : Answered

Chosen Option : 1

Q.95 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)

(22, 49, 568)

(25, 45, 560)

- Ans
- ☒ 1. (30, 15, 225)
  - ☒ 2. (15, 33, 240)
  - ☒ 3. (18, 27, 225)
  - ☒ 4. (33, 38, 568)

Question ID : 75189715191

Option 1 ID : 75189760761

Option 2 ID : 75189760764

Option 3 ID : 75189760763

Option 4 ID : 75189760762

Status : Not Answered

Chosen Option : --

**Q.96** This question is based on the five three-digit numbers given below.

423 875 652 246 168

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

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

- Ans**
- ☒ 1. 10
  - ☒ 2. 8
  - ☒ 3. 11
  - ☒ 4. 13

Question ID : 75189715256

Option 1 ID : 75189761022

Option 2 ID : 75189761021

Option 3 ID : 75189761024

Option 4 ID : 75189761023

Status : Answered

Chosen Option : 2

**Q.97** 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: 1. Some classical dancers are students.

2. Rama is a classical dancer.

3. Sohan is a student of class X.

Conclusions : (I) Sohan is not a classical dancer.

(II) Rama is a student.

- Ans**
- ☒ 1. Only conclusion II follows.
  - ☒ 2. Only conclusion I follows.
  - ☒ 3. None of the conclusions definitely follow.
  - ☒ 4. Both conclusions I and II follow.

Question ID : 75189713601

Option 1 ID : 75189754401

Option 2 ID : 75189754402

Option 3 ID : 75189754404

Option 4 ID : 75189754403

Status : Answered

Chosen Option : 3

Q.98 The nature of the image formed behind the mirror, in case of a convex mirror is \_\_\_\_\_.

- Ans
- ☐ 1. virtual and inverted
  - ☐ 2. real and inverted
  - ☒ 3. virtual and erect
  - ☐ 4. real and erect

Question ID : 75189713748

Option 1 ID : 75189754990

Option 2 ID : 75189754989

Option 3 ID : 75189754992

Option 4 ID : 75189754991

Status : Answered

Chosen Option : 3

Q.99 In a triangle ABC, the lengths of its sides  $\overline{AB}$ ,  $\overline{AC}$  and  $\overline{BC}$  are 4 cm, 5 cm and 6 cm, respectively. An angle bisector  $\overline{AD}$  is drawn from A onto  $\overline{BC}$ , intersecting  $\overline{BC}$  at D. Find  $m(\overline{BD})$ , correct to two places of decimal.

- Ans
- ☒ 1. 2.67 cm
  - ☐ 2. 1.50 cm
  - ☐ 3. 2.25 cm
  - ☐ 4. 3.00 cm

Question ID : 75189713469

Option 1 ID : 75189753874

Option 2 ID : 75189753873

Option 3 ID : 75189753875

Option 4 ID : 75189753876

Status : Not Answered

Chosen Option : --

Q.100 On the eve of independence, what was the GDP of India?

- Ans
- ☐ 1. ₹270 lakh crore
  - ☐ 2. ₹27 lakh crore
  - ☒ 3. ₹2.7 lakh crore
  - ☐ 4. ₹1 lakh crore

Question ID : 75189715443

Option 1 ID : 75189761770

Option 2 ID : 75189761769

Option 3 ID : 75189761771

Option 4 ID : 75189761772

Status : Not Answered

Chosen Option : --