



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 | Utopia Digital Dhule |
| Test Date        | 20/09/2022           |
| 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** Read the given statement(s) 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 statement(s).

**Statements:**

All boys are girls.

All dancers are boys.

No girl is a singer.

**Conclusions:**

1. Some boys are singers.

2. No singer is a dancer

**Ans**

- ✓ 1. Only conclusion 2 follows.
- ✗ 2. Neither conclusions 1 nor 2 follows.
- ✗ 3. Only conclusion 1 follows.
- ✗ 4. Both conclusions 1 and 2 follow.

Question ID : 75189711402

Option 1 ID : 75189745606

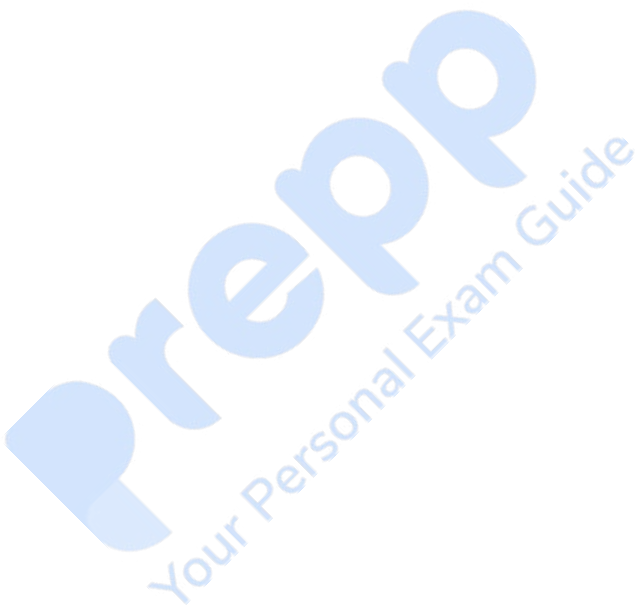
Option 2 ID : 75189745608

Option 3 ID : 75189745605

Option 4 ID : 75189745607

Status : Answered

Chosen Option : 1



**Q.2** Which of the following numbers will replace the question mark (?) in the given series?

20, 30, 18, 27, 16, 24, 14, 21, 12, 18, ?

- Ans**
- ☒ 1. 12
  - ☒ 2. 14
  - ☒ 3. 10
  - ☒ 4. 15

Question ID : **75189711611**

Option 1 ID : **75189746444**

Option 2 ID : **75189746443**

Option 3 ID : **75189746441**

Option 4 ID : **75189746442**

Status : **Answered**

Chosen Option : **3**

**Q.3** If each of the digits in the number 8356427 is arranged in ascending order from left to right, then what will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

- Ans**
- ☒ 1. 11
  - ☒ 2. 12
  - ☒ 3. 10
  - ☒ 4. 9

Question ID : **7518977411**

Option 1 ID : **75189729643**

Option 2 ID : **75189729644**

Option 3 ID : **75189729642**

Option 4 ID : **75189729641**

Status : **Answered**

Chosen Option : **3**

**Q.4** A sum is borrowed for two years at the rate of 5% compound interest per annum, compounded annually. If it is paid back in two equal annual instalments of ₹882, then the sum borrowed is:

- Ans**
- ☒ 1. ₹1,560
  - ☒ 2. ₹1,740
  - ☒ 3. ₹1,640
  - ☒ 4. ₹1,680

Question ID : **75189711746**

Option 1 ID : **75189746981**

Option 2 ID : **75189746982**

Option 3 ID : **75189746984**

Option 4 ID : **75189746983**

Status : **Answered**

Chosen Option : **3**

Q.5 Match the columns.

| Group-I               | Group-II     |
|-----------------------|--------------|
| I. Mechanical barrier | A. Copper-T  |
| II. Chemical method   | B. Vasectomy |
| III. Device           | C. Condom    |
| IV. Surgical method   | D. Pill      |

- Ans
- ✓ 1. I-C; II-D; III-A; IV-B
  - ✗ 2. I-C; II-A; III-B; IV-D
  - ✗ 3. I-C; II-B; III-D; IV-A
  - ✗ 4. I-C; II-A; III-D; IV-B

Question ID : 75189710227

Option 1 ID : 75189740906

Option 2 ID : 75189740908

Option 3 ID : 75189740907

Option 4 ID : 75189740905

Status : Answered

Chosen Option : 1

Q.6 Four years ago the ratio of the age of the son to that of his father was 2 : 7 and 10 years hence it will change to 3 : 7.  
The positive difference between their ages is:

- Ans
- ✓ 1. 40 years
  - ✗ 2. 50 years
  - ✗ 3. 30 years
  - ✗ 4. 60 years

Question ID : 75189711788

Option 1 ID : 75189747150

Option 2 ID : 75189747151

Option 3 ID : 75189747152

Option 4 ID : 75189747149

Status : Answered

Chosen Option : 1

**Q.7** When was SVAMITVA Scheme, which is a Central Sector Scheme of Ministry of Panchayati Raj launched?

- Ans
- ☒ 1. 2022
  - ☒ 2. 2021
  - ☒ 3. 2019
  - ☒ 4. 2020

Question ID : **75189710612**

Option 1 ID : **75189742448**

Option 2 ID : **75189742447**

Option 3 ID : **75189742445**

Option 4 ID : **75189742446**

Status : **Not Answered**

Chosen Option : --

**Q.8** Bindi, Moni, Saya, Arjun, Himesh and Pankaj are six different friends, each of a different age. Bindi is younger than Moni but older than Saya. Arjun is younger than only one person. Himesh is older than Pankaj but younger than Moni. Saya is older than Pankaj but younger than Bindi. Who among the six is the youngest?

- Ans
- ☒ 1. Moni
  - ☒ 2. Pankaj
  - ☒ 3. Saya
  - ☒ 4. Himesh

Question ID : **7518977644**

Option 1 ID : **75189730576**

Option 2 ID : **75189730574**

Option 3 ID : **75189730573**

Option 4 ID : **75189730575**

Status : **Answered**

Chosen Option : 2

**Q.9** Dependence on the resistance  $R$  of a coil for the electromagnetically induced EMF and induced current in a coil follows:

- Ans
- ☒ 1. both are independent of  $R$
  - ☒ 2. induced EMF depends on  $R$  but induced current does not
  - ☒ 3. induced EMF does not depend on  $R$  but induced current does
  - ☒ 4. Induced EMF and induced current both depend on  $R$

Question ID : **75189712233**

Option 1 ID : **75189748931**

Option 2 ID : **75189748929**

Option 3 ID : **75189748930**

Option 4 ID : **75189748932**

Status : **Not Answered**

Chosen Option : --

**Q.10** Which cricket team reached their historic milestone to become the first team to play 1000 One Day International (ODI) Matches in the month of Feb 2022?

- Ans**
- ☒ 1. West Indies
  - ☒ 2. England
  - ☒ 3. India
  - ☒ 4. Australia

Question ID : 75189710399

Option 1 ID : 75189741593

Option 2 ID : 75189741596

Option 3 ID : 75189741595

Option 4 ID : 75189741594

Status : Answered

Chosen Option : 3

**Q.11** खालीलपैकी कोणते ठिकाण जैन धर्माशी संबंधित नाही?

- Ans**
- ☒ 1. पार्श्वनाथ
  - ☒ 2. कुशीनगर
  - ☒ 3. दिलवाडा
  - ☒ 4. श्रवणबेळगोळ

Question ID : 75189712151

Option 1 ID : 75189748604

Option 2 ID : 75189748601

Option 3 ID : 75189748602

Option 4 ID : 75189748603

Status : Not Answered

Chosen Option : --

**Q.12** Which of the following structures is formed with a closed chain of carbon atoms?

- Ans**
- ☒ 1. Ring structure
  - ☒ 2. Branched chain structure
  - ☒ 3. Straight chain structure
  - ☒ 4. Acyclic structure

Question ID : 75189710317

Option 1 ID : 75189741267

Option 2 ID : 75189741266

Option 3 ID : 75189741265

Option 4 ID : 75189741268

Status : Answered

Chosen Option : 1

Q.13 The Brahmaputra marks the \_\_\_\_\_ boundary of the Himalayas.

- Ans
- ☒ 1. Northern-most
  - ☒ 2. Eastern-most
  - ☒ 3. Western-most
  - ☒ 4. Southern-most

Question ID : 7518979422  
 Option 1 ID : 75189737685  
 Option 2 ID : 75189737688  
 Option 3 ID : 75189737687  
 Option 4 ID : 75189737686  
 Status : Answered  
 Chosen Option : 1

Q.14 If  $\frac{y}{x} = \frac{5}{6}$ , then  $\frac{x^2 - y^2}{x^2 + y^2} =$  \_\_\_\_\_.

- Ans
- ☒ 1.  $\frac{25}{36}$
  - ☒ 2.  $\frac{11}{61}$
  - ☒ 3.  $\frac{9}{61}$
  - ☒ 4.  $\frac{36}{25}$

Question ID : 75189711961  
 Option 1 ID : 75189747841  
 Option 2 ID : 75189747843  
 Option 3 ID : 75189747844  
 Option 4 ID : 75189747842  
 Status : Answered  
 Chosen Option : 3

Q.15 Which formula is used to calculate M3 (i.e. measure of money supply)?

- Ans
- ☒ 1.  $M3 = M1 + \text{Total deposits with post office}$
  - ☒ 2.  $M3 = M1 + \text{Total deposit with post office excluding National Saving Certificate}$
  - ☒ 3.  $M3 = CU + DD + \text{Net time deposits of commercial banks}$
  - ☒ 4.  $M3 = M2 + \text{Saving deposits with post office}$

Question ID : 7518977233  
 Option 1 ID : 75189728931  
 Option 2 ID : 75189728932  
 Option 3 ID : 75189728929  
 Option 4 ID : 75189728930  
 Status : Answered  
 Chosen Option : 3

**Q.16** Garima walked 15 m towards the north and then turned to the right and walked 20 m. She further turned to the left and walked 5 m. Finally, she turned to the left again and walked 20 m. How many metres was she from the starting point and in which direction? (All turns are 90 degree turns only)

- Ans**
- ☒ 1. 20 m, South
  - ☒ 2. 15 m, South
  - ☒ 3. 15 m, North
  - ☒ 4. 20 m, North

Question ID : **75189711578**

Option 1 ID : **75189746312**

Option 2 ID : **75189746311**

Option 3 ID : **75189746309**

Option 4 ID : **75189746310**

Status : **Answered**

Chosen Option : **4**

**Q.17** In which of the following years did the Reserve Bank of India introduce a comprehensive regulatory framework for Non-Banking Finance Company- Micro Finance Institutions?

- Ans**
- ☒ 1. 2011
  - ☒ 2. 2010
  - ☒ 3. 2012
  - ☒ 4. 2013

Question ID : **7518977505**

Option 1 ID : **75189730018**

Option 2 ID : **75189730017**

Option 3 ID : **75189730019**

Option 4 ID : **75189730020**

Status : **Not Answered**

Chosen Option : **--**

**Q.18** बुधबलंगा आणि वैतरणी नद्यांचे उगमस्थान \_\_\_\_\_ येथे आहे.

- Ans**
- ☒ 1. पश्चिम बंगाल
  - ☒ 2. झारखंड
  - ☒ 3. छत्तीसगढ
  - ☒ 4. ओडिशा

Question ID : **7518978581**

Option 1 ID : **75189734321**

Option 2 ID : **75189734324**

Option 3 ID : **75189734322**

Option 4 ID : **75189734323**

Status : **Not Answered**

Chosen Option : **--**



**Q.19** Each vowel in the word 'ABRUPT' is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. If each letter thus formed is arranged in alphabetical order, which letter will be fourth from the right?

- Ans**
- ☒ 1. S
  - ☒ 2. O
  - ☒ 3. B
  - ☒ 4. Q

Question ID : 7518979843

Option 1 ID : 75189739372

Option 2 ID : 75189739369

Option 3 ID : 75189739370

Option 4 ID : 75189739371

Status : Answered

Chosen Option : 1

**Q.20** कोणत्या प्रक्रियेअंतर्गत वनस्पती अतिरिक्त पाण्याचे उत्सर्जन करतात?

- Ans**
- ☒ 1. परिवहन
  - ☒ 2. प्रकाश संश्लेषण
  - ☒ 3. बाष्पोत्सर्जन
  - ☒ 4. स्थानांतरण

Question ID : 7518977806

Option 1 ID : 75189731221

Option 2 ID : 75189731224

Option 3 ID : 75189731223

Option 4 ID : 75189731222

Status : Answered

Chosen Option : 3

**Q.21** Who among the following was the last viceroy in India?

- Ans**
- ☒ 1. Lord Ripon
  - ☒ 2. Lord Mountbatten
  - ☒ 3. Lord Curzon
  - ☒ 4. Lord Wavell

Question ID : 7518977464

Option 1 ID : 75189729853

Option 2 ID : 75189729854

Option 3 ID : 75189729856

Option 4 ID : 75189729855

Status : Answered

Chosen Option : 2

**Q.22** Which of the following compounds is prepared when sodium chloride reacts with carbon dioxide in the presence of ammonia and water?

- Ans**
- ☒ 1.  $\text{Na}_2\text{SO}_4$
  - ☒ 2.  $\text{NaCO}_3$
  - ☒ 3.  $\text{CaCO}_3$
  - ☒ 4.  $\text{NaHCO}_3$

Question ID : 75189710365

Option 1 ID : 75189741459

Option 2 ID : 75189741457

Option 3 ID : 75189741460

Option 4 ID : 75189741458

Status : Answered

Chosen Option : 4

**Q.23** The Zoological Survey of India (ZSI), with its headquarters in \_\_\_\_\_, and having presence in 16 regional stations, is responsible for surveying the faunal resources of India.

- Ans**
- ☒ 1. Kolkata
  - ☒ 2. Kerela
  - ☒ 3. Karnataka
  - ☒ 4. Andhra Pradesh

Question ID : 75189710485

Option 1 ID : 75189741938

Option 2 ID : 75189741939

Option 3 ID : 75189741937

Option 4 ID : 75189741940

Status : Not Answered

Chosen Option : --

**Q.24** Which of the following numbers will replace the question mark (?) in the given series?

289, 256, 225, 196, ?

- Ans**
- ☒ 1. 151
  - ☒ 2. 176
  - ☒ 3. 169
  - ☒ 4. 121

Question ID : 75189711063

Option 1 ID : 75189744250

Option 2 ID : 75189744251

Option 3 ID : 75189744252

Option 4 ID : 75189744249

Status : Answered

Chosen Option : 3

**Q.25** Which of the following statements regarding metals is NOT correct?

**Ans** ✓ 1. In general, metals form acidic oxides.

✗ 2. Metals are placed towards the left in the periodic table.

✗ 3. Metals are electropositive in nature.

✗ 4.

Metals display electron losing tendency during bond formation.

Question ID : 75189711942

Option 1 ID : 75189747767

Option 2 ID : 75189747768

Option 3 ID : 75189747765

Option 4 ID : 75189747766

Status : Answered

Chosen Option : 1

**Q.26** Five years ago, Roshan was three times as old as Preethi. If the difference between their ages is 6 years, the present age (in years) of Preethi is \_\_\_\_\_.

**Ans** ✗ 1. 4

✗ 2. 7

✓ 3. 8

✗ 4. 6

Question ID : 75189711970

Option 1 ID : 75189747877

Option 2 ID : 75189747879

Option 3 ID : 75189747878

Option 4 ID : 75189747880

Status : Answered

Chosen Option : 3

**Q.27** Two resistors of  $6\ \Omega$  and  $4\ \Omega$  in series combination are connected to a 12 V battery. The effective current of the circuit will be:

**Ans** ✗ 1. 2 Amp

✗ 2. 0.8 Amp

✗ 3. 0.5 Amp

✓ 4. 1.2 Amp

Question ID : 7518979557

Option 1 ID : 75189738225

Option 2 ID : 75189738228

Option 3 ID : 75189738226

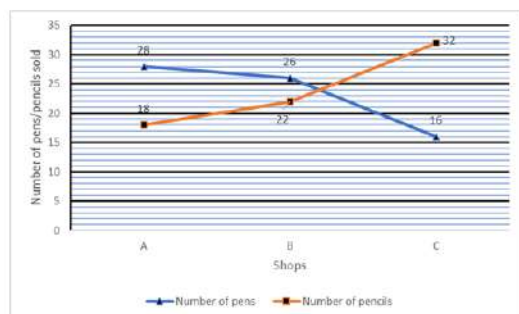
Option 4 ID : 75189738227

Status : Answered

Chosen Option : 4

**Q.28** Study the given line graph and answer the following question.

The given line graph depicts the number of pens and pencils sold by three shops (A, B and C).



What is the difference between the total number of pens sold by shops A and B and the number of pencils sold by shop C?

- Ans**
- ☒ 1. 12
  - ☒ 2. 14
  - ☒ 3. 24
  - ☒ 4. 22

Question ID : 75189711675

Option 1 ID : 75189746698

Option 2 ID : 75189746700

Option 3 ID : 75189746699

Option 4 ID : 75189746697

Status : Answered

Chosen Option : 4

**Q.29** Twinkling of stars occurs because:

- Ans**
- ☒ 1. change in the density of different layers of air causes change in Tyndall effect continuously
  - ☒ 2. change in the density of different layers of air causes change in scattering intensity continuously
  - ☒ 3. change in the density of different layers of air causes change in colour of the sky continuously
  - ☒ 4. change in the density of different layers of air causes change in refractive index continuously

Question ID : 75189711308

Option 1 ID : 75189745229

Option 2 ID : 75189745230

Option 3 ID : 75189745232

Option 4 ID : 75189745231

Status : Answered

Chosen Option : 2

**Q.30** One pipe can fill a tank three times as fast another one. Both the pipes opened together can fill the tank completely in 36 minutes. In how many hours will the faster pipe alone fill the empty tank completely?

Ans

- ☒ 1.  $\frac{8}{5}$   
☒ 2.  $\frac{4}{5}$   
☒ 3.  $\frac{1}{2}$   
☒ 4.  $\frac{12}{5}$

Question ID : 75189712050

Option 1 ID : 75189748200

Option 2 ID : 75189748198

Option 3 ID : 75189748197

Option 4 ID : 75189748199

Status : Not Answered

Chosen Option : --

**Q.31** If '+' means '-', '-' means '×', '×' means '+', '-' means '+', what will come in place of the question mark (?) in the following equation?

$$30 - 2 + 4 + 12 \times 6 = ?$$

Ans

- ☒ 1. 64  
☒ 2. 62  
☒ 3. 50  
☒ 4. 58

Question ID : 75189710950

Option 1 ID : 75189743800

Option 2 ID : 75189743799

Option 3 ID : 75189743797

Option 4 ID : 75189743798

Status : Answered

Chosen Option : 2

**Q.32** भारतीय राज्यघटनेतील अनुच्छेद \_\_\_\_\_ नुसार, एखाद्या व्यक्तीला त्याच्या कमिशनच्या वेळी गुन्हा नसलेल्या कृतीसाठी दोषी ठरवले जाऊ शकत नाही.

Ans

- ☒ 1. 30  
☒ 2. 27  
☒ 3. 20  
☒ 4. 23

Question ID : 7518978594

Option 1 ID : 75189734373

Option 2 ID : 75189734374

Option 3 ID : 75189734375

Option 4 ID : 75189734376

Status : Answered

Chosen Option : 3

**Q.33** DJ 15 is related to GM 20 in a certain way. In the same way, OW 25 is related to RZ 30. To which of the following is RM 35 related following the same logic?

- Ans**
- ☒ 1. PU 04
  - ☒ 2. PU 40
  - ☒ 3. UP 45
  - ☒ 4. UP 40

Question ID : **7518979867**  
Option 1 ID : **75189739466**  
Option 2 ID : **75189739467**  
Option 3 ID : **75189739468**  
Option 4 ID : **75189739465**  
Status : **Answered**  
Chosen Option : **4**

**Q.34** Successive discounts of 10% and 20% are equivalent to a single percentage discount of:

- Ans**
- ☒ 1. 27.5%
  - ☒ 2. 22%
  - ☒ 3. 30%
  - ☒ 4. 28%

Question ID : **75189711756**  
Option 1 ID : **75189747024**  
Option 2 ID : **75189747021**  
Option 3 ID : **75189747022**  
Option 4 ID : **75189747023**  
Status : **Answered**  
Chosen Option : **4**

**Q.35** The magnification of an image is  $+1.5$  and the object distance is 30 cm from a spherical mirror. The image is formed at \_\_\_\_\_.

- Ans**
- ☒ 1. 45 cm in front of the mirror
  - ☒ 2. 20 cm in front of the mirror
  - ☒ 3. 45 cm behind the mirror
  - ☒ 4. 20 cm behind the mirror

Question ID : **7518979499**  
Option 1 ID : **75189737995**  
Option 2 ID : **75189737996**  
Option 3 ID : **75189737994**  
Option 4 ID : **75189737993**  
Status : **Answered**  
Chosen Option : **3**

**Q.36** Read the given statements and conclusions carefully and decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

1. R is older than I.
2. I is N's twin brother who is older than P.
3. Y is not younger than R who is older than K.

**Conclusions:**

- I. K is older than I.
- II. I is younger than Y.

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

Question ID : **7518977945**  
Option 1 ID : **75189731778**  
Option 2 ID : **75189731779**  
Option 3 ID : **75189731777**  
Option 4 ID : **75189731780**  
Status : **Answered**  
Chosen Option : 1

**Q.37** Identify the timeline of Twelfth Five Year Plan in India?

- Ans**
- ☐ 1. 2010 to 2015
  - ☐ 2. 2011 to 2016
  - ☒ 3. 2012 to 2017
  - ☐ 4. 2013 to 2018

Question ID : **75189710468**  
Option 1 ID : **75189741869**  
Option 2 ID : **75189741872**  
Option 3 ID : **75189741871**  
Option 4 ID : **75189741870**  
Status : **Answered**  
Chosen Option : 3

**Q.38** Which of the following groups of elements were NOT discovered at the Mendeleev's periodic table?

- Ans
- ☒ 1. Halogens
  - ☒ 2. Noble gases
  - ☒ 3. Alkali metals
  - ☒ 4. Alkaline earth metals

Question ID : **75189711927**

Option 1 ID : **75189747708**

Option 2 ID : **75189747707**

Option 3 ID : **75189747705**

Option 4 ID : **75189747706**

Status : **Not Answered**

Chosen Option : --

**Q.39** The product of two consecutive positive integers is 552. If the smaller of these two integers is represented by x, which of the options below will correspond to the equation for finding out the value of x?

- Ans
- ☒ 1.  $x^2 + x + 552 = 0$
  - ☒ 2.  $x^2 - x + 552 = 0$
  - ☒ 3.  $x^2 + x - 552 = 0$
  - ☒ 4.  $x^2 - x - 552 = 0$

Question ID : **75189710007**

Option 1 ID : **75189740025**

Option 2 ID : **75189740027**

Option 3 ID : **75189740026**

Option 4 ID : **75189740028**

Status : **Answered**

Chosen Option : **3**

**Q.40** How many sides will a polygon have if the sum of the measures of its interior angles is  $900^\circ$ ?

- Ans
- ☒ 1. 7
  - ☒ 2. 8
  - ☒ 3. 6
  - ☒ 4. 54

Question ID : **75189711988**

Option 1 ID : **75189747950**

Option 2 ID : **75189747952**

Option 3 ID : **75189747949**

Option 4 ID : **75189747951**

Status : **Answered**

Chosen Option : **1**



Q.41 If  $\sqrt{6} = 2.45$ , then the value of  $\sqrt{6} + \sqrt{24} + \sqrt{54}$  is:

- Ans
- ☒ 1. 13.75
  - ☒ 2. 15.75
  - ☒ 3. 15.70
  - ☒ 4. 14.70

Question ID : 75189711715

Option 1 ID : 75189746860

Option 2 ID : 75189746859

Option 3 ID : 75189746857

Option 4 ID : 75189746858

Status : Answered

Chosen Option : 4

Q.42 What is the full form of INSPIRE scheme, which is one of the flagship programmes of the Department of Science & Technology (DST), Government of India?

- Ans
- ☒ 1. Innovation in Science Pursuit for Indigenous Research
  - ☒ 2. Innovation in Science Pursuit for Indian Research
  - ☒ 3. Innovation in Science Pursuit for Interdisciplinary Research
  - ☒ 4. Innovation in Science Pursuit for Inspired Research

Question ID : 75189710520

Option 1 ID : 75189742078

Option 2 ID : 75189742077

Option 3 ID : 75189742080

Option 4 ID : 75189742079

Status : Not Answered

Chosen Option : --

Q.43 The power of a bulb is 40 W. Then the energy in SI units consumed by it in 100 s is:

- Ans
- ☒ 1. 40000 J
  - ☒ 2. 400 J
  - ☒ 3. 40 J
  - ☒ 4. 4000 J

Question ID : 75189712221

Option 1 ID : 75189748884

Option 2 ID : 75189748882

Option 3 ID : 75189748881

Option 4 ID : 75189748883

Status : Not Answered

Chosen Option : --

**Q.44** If the radius of a sphere is 7 cm, then the surface area in (cm<sup>2</sup>) of the sphere is \_\_\_\_\_.

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

- Ans**
- ✓ 1. 616
  - ✗ 2. 729
  - ✗ 3. 243
  - ✗ 4. 343

Question ID : 75189711985

Option 1 ID : 75189747938

Option 2 ID : 75189747940

Option 3 ID : 75189747937

Option 4 ID : 75189747939

Status : Answered

Chosen Option : 1

**Q.45** What is the full name of The POCSO Act?

- Ans**
- ✗ 1. The Prevention of Children from Serious Offences Act
  - ✗ 2. The Prevention of Children from Sexual Offences Act
  - ✓ 3. The Protection of Children from Sexual Offences Act
  - ✗ 4. The Protection of Children from Sensual Offences Act

Question ID : 75189710526

Option 1 ID : 75189742104

Option 2 ID : 75189742102

Option 3 ID : 75189742101

Option 4 ID : 75189742103

Status : Answered

Chosen Option : 3

**Q.46** In a queue, Manoj is 10<sup>th</sup> from the front end and Ajay is 12<sup>th</sup> from the rear end, and there is no one between them. How many people are there in the queue if Ajay is standing behind Manoj in the queue?

- Ans**
- ✗ 1. 21
  - ✗ 2. 23
  - ✓ 3. 22
  - ✗ 4. 20

Question ID : 75189711440

Option 1 ID : 75189745758

Option 2 ID : 75189745760

Option 3 ID : 75189745759

Option 4 ID : 75189745757

Status : Answered

Chosen Option : 3

**Q.47** Select the smallest natural number that should be added to or subtracted from the sum of the squares of 15 and 16 to make it a perfect square?

- Ans
- ☒ 1. 81
  - ☒ 2. 3
  - ☒ 3. 40
  - ☒ 4. 19

Question ID : 75189711712

Option 1 ID : 75189746845

Option 2 ID : 75189746846

Option 3 ID : 75189746847

Option 4 ID : 75189746848

Status : Answered

Chosen Option : 3

**Q.48** In a certain code language, 'BOAT' is written as 'DQCV' and 'PLAN' is written as 'RNCP'. How will 'PHONE' be written in that code language?

- Ans
- ☒ 1. QPGRJ
  - ☒ 2. RJQPG
  - ☒ 3. JQPGR
  - ☒ 4. PGQST

Question ID : 75189711561

Option 1 ID : 75189746243

Option 2 ID : 75189746242

Option 3 ID : 75189746241

Option 4 ID : 75189746244

Status : Answered

Chosen Option : 2

**Q.49** The risk coverage on accidental death in the Pradhan Mantri Suraksha Bima Yojana (PMSBY) is \_\_\_\_\_ (As of July 2022).

- Ans
- ☒ 1. ₹10 lakh
  - ☒ 2. ₹5 lakh
  - ☒ 3. ₹15 lakh
  - ☒ 4. ₹2 lakh

Question ID : 7518976487

Option 1 ID : 75189725947

Option 2 ID : 75189725946

Option 3 ID : 75189725948

Option 4 ID : 75189725945

Status : Not Answered

Chosen Option : --

Q.50 खालीलपैकी कोणते विधान बिगर-जैवअपघटनीय पदार्थाबाबत सत्य आहे?

Ans ☒ 1.

बिगर-जैवअपघटनीय पदार्थ परिसंस्थेच्या सदस्यांना हानी पोहोचवत नाहीत.

☒ 2. बिगर-जैवअपघटनीय पदार्थ विघटनासाठी कमी वेळ घेतात.

☒ 3.

बिगर-जैवअपघटनीय पदार्थांचे विकरांच्या मदतीने लवकर विघटन करता येऊ शकते.

☒ 4. बिगर-जैवअपघटनीय पदार्थ पर्यावरणात टिकून राहतात

Question ID : 7518977872

Option 1 ID : 75189731488

Option 2 ID : 75189731485

Option 3 ID : 75189731486

Option 4 ID : 75189731487

Status : Answered

Chosen Option : 4

Q.51 मानवातील उत्सर्जन संस्थेचा योग्य अनुक्रमिक क्रम ओळखा.

Ans

☒ 1. मूत्रपिंड, मूत्रवाहिनी, मूत्रोत्सर्गिका, मूत्राशय

☒ 2. मूत्रपिंड, मूत्राशय, मूत्रवाहिनी, मूत्रोत्सर्गिका

☒ 3. मूत्रपिंड, मूत्रोत्सर्गिका, मूत्रवाहिनी, मूत्राशय

☒ 4. मूत्रपिंड, मूत्रवाहिनी, मूत्राशय, मूत्रोत्सर्गिका

Question ID : 75189710214

Option 1 ID : 75189740855

Option 2 ID : 75189740856

Option 3 ID : 75189740854

Option 4 ID : 75189740853

Status : Answered

Chosen Option : 2

Q.52 Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.

2 : 19 :: 6 : 57 :: 44 : ?

Ans

☒ 1. 177

☒ 2. 399

☒ 3. 418

☒ 4. 212

Question ID : 75189711417

Option 1 ID : 75189745665

Option 2 ID : 75189745666

Option 3 ID : 75189745668

Option 4 ID : 75189745667

Status : Answered

Chosen Option : 3

**Q.53** Six persons are sitting around a circular table facing the centre. Saif is an immediate neighbour of both Raj and Sam. Kailash sits second to the left of Raj. Ankit sits second to the right of Saif. Kailash is an immediate neighbour of both Shiva and Ankit. Who is an immediate neighbour of both Raj and Kailash?

- Ans**
- ☒ 1. Ankit
  - ☒ 2. Sam
  - ☒ 3. Shiva
  - ☒ 4. Saif

Question ID : **7518979809**

Option 1 ID : **75189739234**

Option 2 ID : **75189739235**

Option 3 ID : **75189739233**

Option 4 ID : **75189739236**

Status : **Answered**

Chosen Option : **3**

**Q.54** NEP 2020 recommends to establish which of the following institutes/organisations to accelerate the research and innovation in India?

- Ans**
- ☒ 1. National Foundation for Innovation and Research in India
  - ☒ 2. Mahatma Gandhi International Institute for Research in India
  - ☒ 3. National Research Foundation
  - ☒ 4. Indian Institute of Science Education and Research

Question ID : **7518974155**

Option 1 ID : **75189716619**

Option 2 ID : **75189716620**

Option 3 ID : **75189716618**

Option 4 ID : **75189716617**

Status : **Not Answered**

Chosen Option : **--**

**Q.55** The dimensions of a cuboidal storage space are 20 m, 25 m, and 10 m. How many boxes of dimension  $2\text{ m} \times 1.25\text{ m} \times 1\text{ m}$  can be kept in it?

- Ans**
- ☒ 1. 8000
  - ☒ 2. 2000
  - ☒ 3. 6000
  - ☒ 4. 4000

Question ID : **75189711814**

Option 1 ID : **75189747256**

Option 2 ID : **75189747253**

Option 3 ID : **75189747255**

Option 4 ID : **75189747254**

Status : **Answered**

Chosen Option : **2**

Q.56 Why do plant cells have cell walls?

- Ans
- ☐ 1. They do not have cell membrane
  - ☐ 2. They are required for photosynthesis
  - ☐ 3. They are living beings
  - ☒ 4.

They protect the plant cells from various environmental factors

Question ID : 7518974316  
Option 1 ID : 75189717264  
Option 2 ID : 75189717261  
Option 3 ID : 75189717263  
Option 4 ID : 75189717262  
Status : Not Answered  
Chosen Option : --

Q.57 An object is placed at a distance of 10 cm from a projector to obtain an image with magnification of  $-60$ . The screen, to receive the projected image, should be placed at a distance of:

- Ans
- ☐ 1. 5.0 metres
  - ☐ 2. 5.5 metres
  - ☐ 3. 4.5 metres
  - ☒ 4. 6.0 metres

Question ID : 7518979513  
Option 1 ID : 75189738052  
Option 2 ID : 75189738051  
Option 3 ID : 75189738049  
Option 4 ID : 75189738050  
Status : Answered  
Chosen Option : 4

Q.58 If 8 – digit number  $27x65y31$  is divisible by 3, find the lowest possible positive value of  $x \times y$ .

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

Question ID : 75189711722  
Option 1 ID : 75189746885  
Option 2 ID : 75189746887  
Option 3 ID : 75189746886  
Option 4 ID : 75189746888  
Status : Answered  
Chosen Option : 4

**Q.59** The ratio of the present ages of Somu and Ramu is 5 : 4 and the sum of their ages is 27 years. The ratio of their ages after 8 years will be \_\_\_\_\_.

- Ans ☒ 1. 23 : 20
- ☐ 2. 8 : 3
- ☐ 3. 25 : 29
- ☐ 4. 3 : 4

Question ID : 75189710707

Option 1 ID : 75189742827

Option 2 ID : 75189742828

Option 3 ID : 75189742826

Option 4 ID : 75189742825

Status : Answered

Chosen Option : 1

**Q.60** In a triangle, if the measure of one of its angles is twice the measure of the smallest angle of the same triangle, and the measure of the third angle of the triangle is three times the measure of the smallest angle of the same triangle, then the measure of the greatest angle of the given triangle is \_\_\_\_\_.

- Ans ☐ 1.  $120^\circ$
- ☐ 2.  $75^\circ$
- ☐ 3.  $70^\circ$
- ☒ 4.  $90^\circ$

Question ID : 75189711990

Option 1 ID : 75189747960

Option 2 ID : 75189747957

Option 3 ID : 75189747958

Option 4 ID : 75189747959

Status : Answered

Chosen Option : 4

**Q.61** बेकिंग सोडा सर्वसामान्यपणे \_\_\_\_\_ वापरला जात नाही.

- Ans ☒ 1. जंतुनाशक (disinfectant) म्हणून
- ☐ 2. बेकिंग पावडर म्हणून
- ☐ 3. आम्लरोधी (antacid) म्हणून
- ☐ 4. अग्निशामकात

Question ID : 7518973480

Option 1 ID : 75189713918

Option 2 ID : 75189713919

Option 3 ID : 75189713917

Option 4 ID : 75189713920

Status : Answered

Chosen Option : 4



**Q.62** ₹651 is divided among A, B, C in such a way that twice of A's share, thrice of B's and five times of C's share are equal.  
Find C's share.

- Ans**
- ☒ 1. ₹150
  - ☒ 2. ₹210
  - ☒ 3. ₹315
  - ☒ 4. ₹126

Question ID : 75189711742

Option 1 ID : 75189746968

Option 2 ID : 75189746967

Option 3 ID : 75189746966

Option 4 ID : 75189746965

Status : Answered

Chosen Option : 4

**Q.63** एका व्यक्तीने 7% च्या तोट्याने घोडा विकला. जर तो 9% च्या नफ्याने विकू शकला असता, तर त्याला त्याच्यापेक्षा ₹6,400 अधिक मिळाले असते. तर घोड्याची मूळ किंमत किती होती?

- Ans**
- ☒ 1. ₹40,000
  - ☒ 2. ₹50,000
  - ☒ 3. ₹55,000
  - ☒ 4. ₹45,000

Question ID : 75189711749

Option 1 ID : 75189746994

Option 2 ID : 75189746993

Option 3 ID : 75189746996

Option 4 ID : 75189746995

Status : Answered

Chosen Option : 1

**Q.64** दाढी करण्याचा एक आरसा अशा प्रकारे बनवला आहे, की आरशापासून 30 cm अंतरावरील एक व्यक्ती आपली प्रतिमेचे 1.33 पट विशालन झाल्याचे पाहते. आरशाची वक्रता विज्ञा किती असेल?

- Ans**
- ☒ 1. 27.5 cm
  - ☒ 2. 28.6 cm
  - ☒ 3. 30.4 cm
  - ☒ 4. 34.25 cm

Question ID : 75189712195

Option 1 ID : 75189748780

Option 2 ID : 75189748779

Option 3 ID : 75189748778

Option 4 ID : 75189748777

Status : Not Answered

Chosen Option : --



Q.65 The value of  $(\sin x + \sec x)^2 + (\operatorname{cosec} x + \cos x)^2$  is:

Ans

- ☒ 1.  $(1 - \sec x \operatorname{cosec} x)^2$   
☒ 2.  $(2 + \sec x \operatorname{cosec} x)^2$   
☒ 3.  $(\sec x \operatorname{cosec} x + 1)^2$   
☒ 4.  $(2 - \sec x \operatorname{cosec} x)^2$

Question ID : 75189711832

Option 1 ID : 75189747325

Option 2 ID : 75189747328

Option 3 ID : 75189747327

Option 4 ID : 75189747326

Status : Not Answered

Chosen Option : --

Q.66 Simplify the given expression.

$$\frac{76 \times 76 \times 76 - 74 \times 74 \times 74}{76 \times 76 + 76 \times 74 + 74 \times 74}$$

Ans

- ☒ 1. 2  
☒ 2. 5  
☒ 3. 121  
☒ 4. 120

Question ID : 75189711708

Option 1 ID : 75189746829

Option 2 ID : 75189746831

Option 3 ID : 75189746832

Option 4 ID : 75189746830

Status : Not Answered

Chosen Option : --

Q.67 Which of the numbers below is divisible by all the natural numbers from 1 to 10 (both inclusive)?

Ans

- ☒ 1. 608  
☒ 2. 10  
☒ 3. 2520  
☒ 4. 100

Question ID : 75189711721

Option 1 ID : 75189746882

Option 2 ID : 75189746884

Option 3 ID : 75189746883

Option 4 ID : 75189746881

Status : Answered

Chosen Option : 3

Q.68

As per 'Investment Trends Monitor' report released in January 2022, the Foreign Direct Investment (FDI) flows to India in 2021 were 26% lower as compared to 2020. Who released this report?

Ans

☐ 1. International Monetary Fund (IMF)

☒ 2.

United Nations Conference on Trade and Development (UNCTAD)

☐ 3. Reserve Bank of India

☐ 4. World Bank

Question ID : 7518973857

Option 1 ID : 75189715426

Option 2 ID : 75189715427

Option 3 ID : 75189715425

Option 4 ID : 75189715428

Status : Not Answered

Chosen Option : --

Q.69

Mridul's working hours per day increased by 25% and his hourly wages increased by 20%. By how much per cent did his daily earnings increase?

Ans

☐ 1. 30%

☐ 2. 46%

☒ 3. 50%

☐ 4. 40%

Question ID : 75189711735

Option 1 ID : 75189746940

Option 2 ID : 75189746937

Option 3 ID : 75189746938

Option 4 ID : 75189746939

Status : Answered

Chosen Option : 3

**Q.70** Following table shows the distribution of marks obtained by 2 different set of 100 students who appeared for exams in Mathematics and statistics respectively. Study the table and answer the question.

| Marks out of 100<br>Subject | 80 and<br>Above | 60 and<br>Above | 40 and<br>Above | 20 and<br>Above | 0 and<br>above |
|-----------------------------|-----------------|-----------------|-----------------|-----------------|----------------|
| Mathematics                 | 11              | 32              | 70              | 90              | 100            |
| Statistics                  | 9               | 21              | 64              | 81              | 100            |

The total number of students scoring less than 40% marks in their respective exams are:

- Ans**
- ✓ 1. 66
  - ✗ 2. 64
  - ✗ 3. 29
  - ✗ 4. 33

Question ID : **75189711409**

Option 1 ID : **75189745634**

Option 2 ID : **75189745635**

Option 3 ID : **75189745636**

Option 4 ID : **75189745633**

Status : **Answered**

Chosen Option : 1

**Q.71** Stockholm water prize honours the persons who contributes to the:

- Ans**
- ✗ 1. conservation and protection of wild life
  - ✓ 2. conservation and protection of water resources
  - ✗ 3. conservation and protection of soil
  - ✗ 4. conservation and protection of forests

Question ID : **75189710301**

Option 1 ID : **75189741202**

Option 2 ID : **75189741203**

Option 3 ID : **75189741201**

Option 4 ID : **75189741204**

Status : **Answered**

Chosen Option : 2

**Q.72** 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.

23 : 44 :: 35 : 56 :: 43 : ?

- Ans**
- ☒ 1. 70
  - ☒ 2. 66
  - ☒ 3. 63
  - ☒ 4. 64

Question ID : **7518978311**

Option 1 ID : **75189733244**

Option 2 ID : **75189733242**

Option 3 ID : **75189733243**

Option 4 ID : **75189733241**

Status : **Answered**

Chosen Option : **4**

**Q.73** If the two roots of a quadratic equation are -3 and 3, then the quadratic equation is given as \_\_\_\_\_.

- Ans**
- ☒ 1.  $x^2 + 5 = 0$
  - ☒ 2.  $9x^2 - 1 = 0$
  - ☒ 3.  $x^2 - 9 = 0$
  - ☒ 4.  $x^2 - 6 = 0$

Question ID : **75189711971**

Option 1 ID : **75189747881**

Option 2 ID : **75189747883**

Option 3 ID : **75189747882**

Option 4 ID : **75189747884**

Status : **Answered**

Chosen Option : **3**

**Q.74** Study the given table and answer the question that follows.

The table shows the demand of different shoe sizes as obtained in a survey.

| Shoe size | Number of pairs demanded |
|-----------|--------------------------|
| 5         | 44                       |
| 6         | 48                       |
| 7         | 58                       |
| 8         | 46                       |
| 9         | 39                       |
| 10        | 37                       |

Find the modal size of shoes demanded that one can obtain from the survey.

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

Question ID : **75189711767**  
Option 1 ID : **75189747067**  
Option 2 ID : **75189747068**  
Option 3 ID : **75189747065**  
Option 4 ID : **75189747066**  
Status : **Not Answered**  
Chosen Option : --

**Q.75** Six people are sitting around a circular table facing the centre, Q is to the immediate left of S and third to the right of T while K is third to the left of O. K is to the immediate right of S and second to the left of M. Who is to the immediate left of M?

- Ans**
- ☒ 1. Q
  - ☒ 2. T
  - ☒ 3. S
  - ☒ 4. O

Question ID : **75189710730**  
Option 1 ID : **75189742917**  
Option 2 ID : **75189742920**  
Option 3 ID : **75189742918**  
Option 4 ID : **75189742919**  
Status : **Answered**  
Chosen Option : 2

Q.76 खालीलपैकी कोणती बाब भारतीय राज्यघटनेच्या समवर्ती सूचीचा भाग आहे?

- Ans
- ☒ 1. पोलिस
  - ☒ 2. सार्वजनिक आरोग्य
  - ☒ 3. मद्य
  - ☒ 4. भेसळ

Question ID : 7518977278

Option 1 ID : 75189729111

Option 2 ID : 75189729112

Option 3 ID : 75189729109

Option 4 ID : 75189729110

Status : Answered

Chosen Option : 2

Q.77 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/<br>Symbol | 6 | 8 | 4 | + | 5 | # | % | 2 | \$ | 1 | ^ | 7 | 9 | * | @ |
|-------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|
| Code              | S | U | T | W | N | P | V | D | A  | Z | J | M | O | M | Y |

Conditions:

- (i) If the first and last elements are numbers, then the last element will be replaced by the symbol @.
- (ii) If the first element is a symbol, then the first element will be coded as @.
- (iii) If both the first and second elements are numbers, then the third element will be coded as \*.

What will be the code for the following?

5 4 2 % @ 6

- Ans
- ☒ 1. NT\*VY@
  - ☒ 2. NTDVYS
  - ☒ 3. NTDVYZ
  - ☒ 4. SNTDVY

Question ID : 75189711571

Option 1 ID : 75189746281

Option 2 ID : 75189746282

Option 3 ID : 75189746284

Option 4 ID : 75189746283

Status : Answered

Chosen Option : 1

**Q.78** Five employees of the same company, Jagruti, Krishna, Laxman, Maya and Nirupam, 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. Krishna and Nirupam live on the topmost and bottommost floors, respectively. Jagruti lives on the floor immediately above Laxman. Maya lives on the floor immediately above Nirupam.

Who lives on the second floor?

- Ans**
- ☒ 1. Maya
  - ☐ 2. Krishna
  - ☐ 3. Laxman
  - ☐ 4. Jagruti

Question ID : 75189711450

Option 1 ID : 75189745799

Option 2 ID : 75189745797

Option 3 ID : 75189745800

Option 4 ID : 75189745798

Status : Answered

Chosen Option : 1

**Q.79** Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

MAN 7, PDQ 16, SGT 25, VJW 34, ?

- Ans**
- ☐ 1. ULZ 40
  - ☒ 2. YMZ 43
  - ☐ 3. YNZ 43
  - ☐ 4. ZLU 36

Question ID : 7518978241

Option 1 ID : 75189732964

Option 2 ID : 75189732962

Option 3 ID : 75189732963

Option 4 ID : 75189732961

Status : Answered

Chosen Option : 2

**Q.80** What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and also '×' and '÷' are interchanged?

$$4 \times 2 \div 6 - 3 + 1 = ?$$

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

Question ID : 7518979890

Option 1 ID : 75189739559

Option 2 ID : 75189739560

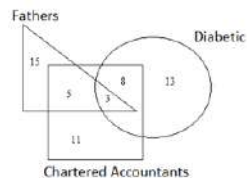
Option 3 ID : 75189739557

Option 4 ID : 75189739558

Status : Answered

Chosen Option : 3

**Q.81** Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many people are chartered accountants as well diabetic but NOT fathers?

- Ans**
- ☒ 1. 11
  - ☒ 2. 3
  - ☒ 3. 5
  - ☒ 4. 8

Question ID : 75189710791

Option 1 ID : 75189743163

Option 2 ID : 75189743161

Option 3 ID : 75189743164

Option 4 ID : 75189743162

Status : Answered

Chosen Option : 4

**Q.82** Each vowel in the word 'PREDICT' is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. If each letter thus formed is arranged in alphabetical order, which letter will be third from the right?

- Ans**
- ☒ 1. O
  - ☒ 2. F
  - ☒ 3. J
  - ☒ 4. Q

Question ID : 7518979844

Option 1 ID : 75189739374

Option 2 ID : 75189739376

Option 3 ID : 75189739373

Option 4 ID : 75189739375

Status : Answered

Chosen Option : 1



**Q.83** Two trains 240 m and 320 m long are travelling on parallel tracks in the same direction at speeds of 59 km/h and 50 km/h. How long will it take for the two trains to pass each other from the instant they meet?

- Ans**
- ✓ 1. 3 min 44 sec
  - ✗ 2. 3 min 24 sec
  - ✗ 3. 2 min 18 sec
  - ✗ 4. 2 min 24 sec

Question ID : 75189712044

Option 1 ID : 75189748174

Option 2 ID : 75189748175

Option 3 ID : 75189748176

Option 4 ID : 75189748173

Status : Answered

Chosen Option : 1

**Q.84** Harbhajan is walking in the south direction and after covering a distance of 5 m, he takes a turn to the left and further walks a distance of 3 m. Finally, he turns to his right and walks a distance of 5 m. In which direction is Harbhajan facing now? (All turns are 90 degree turns only)

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

Question ID : 75189711586

Option 1 ID : 75189746344

Option 2 ID : 75189746341

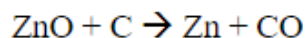
Option 3 ID : 75189746342

Option 4 ID : 75189746343

Status : Answered

Chosen Option : 4

**Q.85** Which of the following is reduced in the given reaction?



- Ans**
- ✓ 1. ZnO
  - ✗ 2. Zn
  - ✗ 3. Carbon
  - ✗ 4. CO

Question ID : 75189711890

Option 1 ID : 75189747557

Option 2 ID : 75189747559

Option 3 ID : 75189747558

Option 4 ID : 75189747560

Status : Answered

Chosen Option : 1

Q.86 गालो ही \_\_\_\_\_ मध्ये बोलली जाणारी तानी भाषा आहे.

- Ans
- ☒ 1. झारखंड
  - ☒ 2. अरुणाचल प्रदेश
  - ☒ 3. हिमाचल प्रदेश
  - ☒ 4. हरियाणा

Question ID : **75189712137**  
Option 1 ID : **75189748547**  
Option 2 ID : **75189748548**  
Option 3 ID : **75189748546**  
Option 4 ID : **75189748545**  
Status : **Not Answered**  
Chosen Option : --

Q.87 Suppose an electric refrigerator of 500 W operates 12 hour/day. What is the cost of the energy to operate it for 30 days at ₹5.00 per kW h?

- Ans
- ☒ 1. ₹700/-
  - ☒ 2. ₹900/-
  - ☒ 3. ₹500/-
  - ☒ 4. ₹1,000/-

Question ID : **75189711349**  
Option 1 ID : **75189745394**  
Option 2 ID : **75189745395**  
Option 3 ID : **75189745393**  
Option 4 ID : **75189745396**  
Status : **Answered**  
Chosen Option : 2

Q.88 This question is based on the five, three-digit numbers given below.

(Left) 438 645 327 153 276 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

(NOTE: All operations to be done from left to right)

If 3 is added to the first digit of every number, in how many numbers will the first digit be exactly divisible by 2?

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

Question ID : **75189711557**  
Option 1 ID : **75189746225**  
Option 2 ID : **75189746226**  
Option 3 ID : **75189746228**  
Option 4 ID : **75189746227**  
Status : **Answered**  
Chosen Option : 4

**Q.89** A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

More and more agricultural land should be sold for housing and industrialisation.

Arguments:

- I. Severe food shortage will be unavoidable if conversion of agricultural land into industrial land does not stop soon.
- II. It has been proven that industrialisation in an area destroys its ecosystem and biodiversity.

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

Question ID : 75189711694

Option 1 ID : 75189746773

Option 2 ID : 75189746775

Option 3 ID : 75189746774

Option 4 ID : 75189746776

Status : Answered

Chosen Option : 2

**Q.90** In reptiles, the sex of the offsprings is determined by the temperature at which:

- Ans**
- ☒ 1. ovum is kept
  - ☒ 2. fertilised egg is kept
  - ☒ 3. unfertilised egg is kept
  - ☒ 4. sperm is kept

Question ID : 75189710247

Option 1 ID : 75189740985

Option 2 ID : 75189740987

Option 3 ID : 75189740988

Option 4 ID : 75189740986

Status : Answered

Chosen Option : 2

**Q.91** If 8 March 2009 is a Sunday, then what will be the day of the week on 1 February 2021?

- Ans**
- ☒ 1. Saturday
  - ☒ 2. Sunday
  - ☒ 3. Monday
  - ☒ 4. Tuesday

Question ID : **75189711666**

Option 1 ID : **75189746664**

Option 2 ID : **75189746661**

Option 3 ID : **75189746663**

Option 4 ID : **75189746662**

Status : **Answered**

Chosen Option : **3**

**Q.92** Magnetic field lines appear to move inside a bar magnet from

- Ans**
- ☒ 1. south pole to north pole
  - ☒ 2. middle to the north pole only
  - ☒ 3. north pole to south pole
  - ☒ 4. middle to all sides

Question ID : **7518979577**

Option 1 ID : **75189738307**

Option 2 ID : **75189738306**

Option 3 ID : **75189738308**

Option 4 ID : **75189738305**

Status : **Answered**

Chosen Option : **1**

**Q.93**

On 21<sup>st</sup> January 2022, Tripura, Manipur and Meghalaya celebrated their \_\_\_\_\_ Foundation Day.

**Ans**

☒ 1. 75<sup>th</sup>

☒ 2. 55<sup>th</sup>

☒ 3. 50<sup>th</sup>

☒ 4. 25<sup>th</sup>

Question ID : **7518973813**  
Option 1 ID : **75189715252**  
Option 2 ID : **75189715251**  
Option 3 ID : **75189715250**  
Option 4 ID : **75189715249**  
Status : **Not Answered**  
Chosen Option : --

**Q.94** In a class Pallavi's rank is 25th from the top and 18th from the bottom. Find the number of students in the class?

**Ans**

☒ 1. 41

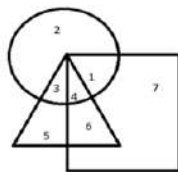
☒ 2. 43

☒ 3. 42

☒ 4. 44

Question ID : **75189710747**  
Option 1 ID : **75189742985**  
Option 2 ID : **75189742987**  
Option 3 ID : **75189742986**  
Option 4 ID : **75189742988**  
Status : **Answered**  
Chosen Option : **3**

**Q.95** Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. 'Managers' are represented by the circle, 'B. Tech degree holders' are represented by the square, and 'MBA degree holders' are represented by the triangle. How many managers are there who are B. Tech degree holders but not MBA degree holders?



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

Question ID : 75189711483

Option 1 ID : 75189745932

Option 2 ID : 75189745930

Option 3 ID : 75189745931

Option 4 ID : 75189745929

Status : Answered

Chosen Option : 2

**Q.96** Select the functional group in five-carbon atom compound 'Pentanal'.

- Ans
- ☒ 1. Alkene
  - ☒ 2. Aldehyde
  - ☒ 3. Ketone
  - ☒ 4. Alcohol

Question ID : 75189711859

Option 1 ID : 75189747435

Option 2 ID : 75189747436

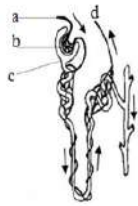
Option 3 ID : 75189747433

Option 4 ID : 75189747434

Status : Answered

Chosen Option : 4

**Q.97** Given below is the diagram of a nephron. Select the option with the correct labelling for a, b, c and d parts.



**Ans** ☒ 1.

a - Branch of renal artery, b – Bowman's capsule, c - Glomerulus, d - Branch of renal vein

☒ 2.

a - Branch of renal artery, b - Glomerulus, c – Bowman's capsule, d - Branch of renal vein

☒ 3.

a - Branch of renal vein, b – Bowman's capsule, c - Glomerulus, d - Branch of renal artery

☒ 4.

a - Branch of renal vein, b - Glomerulus, c – Bowman's capsule, d - Branch of renal artery

Question ID : **7518974607**

Option 1 ID : **75189718426**

Option 2 ID : **75189718428**

Option 3 ID : **75189718425**

Option 4 ID : **75189718427**

Status : **Not Answered**

Chosen Option : --

**Q.98** Which bowler became the all time highest wicket taker in the Indian Premier League in the fifteenth edition of the tournament on 31 March 2022?

**Ans** ☒ 1. Pat Cummins

☒ 2. Mohammed Shami

☒ 3. Dwayne Bravo

☒ 4. Ravichandran Ashwin

Question ID : **75189712116**

Option 1 ID : **75189748461**

Option 2 ID : **75189748463**

Option 3 ID : **75189748464**

Option 4 ID : **75189748462**

Status : **Answered**

Chosen Option : **3**

Q.99 Find the median age, given the ages of 10 persons (in years) are as follows:

22, 23.5, 26, 22.5, 24, 26, 23, 24.5, 25, 21

Ans ☒ 1. 22.00

☒ 2. 23.75

☒ 3. 25.00

☒ 4. 22.25

Question ID : 75189712056

Option 1 ID : 75189748221

Option 2 ID : 75189748224

Option 3 ID : 75189748223

Option 4 ID : 75189748222

Status : Answered

Chosen Option : 2

Q.100 Which of the following are produced in a neutralisation reaction?

Ans ☒ 1. Salt and water

☒ 2. Acid and water

☒ 3. Salt and acid

☒ 4. Precipitate and base

Question ID : 75189711881

Option 1 ID : 75189747523

Option 2 ID : 75189747522

Option 3 ID : 75189747521

Option 4 ID : 75189747524

Status : Answered

Chosen Option : 1