



# रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

## सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC



Roll Number	
Candidate Name	
Test Center Name	
Test Date	15/06/2022
Test Time	12:45 PM - 2:15 PM
Subject	Level 5

### \* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark.

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 : NTPC

**Q.1** A car covers a certain distance at a speed of 45 km/h and returns to the starting point following the same path at a speed of 36 km/h. Find the average speed for the entire journey (in km/h).

Ans  1. 40

 2. 38

 3. 42

 4. 35

Question ID : 1151351242

Option 1 ID : 1151354966

Option 2 ID : 1151354967


Option 3 ID : 1151354968


Option 4 ID : 1151354965


Status : Answered


Chosen Option : 1

**Q.2** Which of the following law states that "as more and more units of a variable factor are employed with fixed factors and technology, its marginal product eventually declines."

Ans  1. The law of diminishing returns to a factor

 2. Law of diminishing marginal utility

 3. The law of variable proportions

 4. The marginal rate of technical substitution

Question ID : 1151352534

Option 1 ID : 11513510133

Option 2 ID : 11513510136

Option 3 ID : 11513510134

Option 4 ID : 11513510135

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.3** Jai, Pia, Era, Ram and Shubh are sitting in a straight line facing north. Jai is sitting second to the left of Shubh. Shubh is sitting to the immediate right of Era. Pia is sitting at the extreme right end. Ram is sitting to the immediate right of Shubh. Who among the following is sitting at the extreme left end?

- Ans**
- ✓ 1. Jai
  - ✗ 2. Era
  - ✗ 3. Shubh
  - ✗ 4. Ram

Question ID : 1151351012  
Option 1 ID : 1151354045  
Option 2 ID : 1151354046  
Option 3 ID : 1151354048  
Option 4 ID : 1151354047  
Status : Answered  
Chosen Option : 1

**Q.4** Simplify the following expression.

$$0.\overline{12} - 0.\overline{6} + 0.\overline{3}$$

- Ans**
- ✗ 1.  $\frac{9}{100}$
  - ✗ 2.  $\frac{37}{33}$
  - ✗ 3.  $-\frac{5}{11}$
  - ✓ 4.  $-\frac{7}{33}$

Question ID : 1151351244  
Option 1 ID : 1151354973  
Option 2 ID : 1151354974  
Option 3 ID : 1151354976  
Option 4 ID : 1151354975  
Status : Answered  
Chosen Option : 4

**Q.5** Which of the following festivals is NOT celebrated in the river island of Majuli?

- Ans**
- ✗ 1. Ali-Aye-Ligang
  - ✓ 2. Raja Parba
  - ✗ 3. Falgutsav
  - ✗ 4. Bihu

Question ID : 1151352547  
Option 1 ID : 11513510188  
Option 2 ID : 11513510186  
Option 3 ID : 11513510185  
Option 4 ID : 11513510187  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.6** Five students A, B, C, D and E study in different schools K, L, M, N and O, but not necessarily in the same order. Each one likes only one subject, viz., Hindi, Mathematics, Science, Social Science and English. C studies in M. B does not like Social Science. D likes English and studies in N. The student of L likes Math. E likes Hindi but is neither from O nor L. B studies in O.

Which one of the following students studies in school L and likes Mathematics?

- Ans**
- ☒ 1. B
  - ☒ 2. A
  - ☒ 3. D
  - ☒ 4. C

Question ID : 1151351017  
Option 1 ID : 1151354066  
Option 2 ID : 1151354065  
Option 3 ID : 1151354068  
Option 4 ID : 1151354067  
Status : Answered  
Chosen Option : 2

**Q.7** Chakma refugees are migrants to India from which of the following neighbouring countries?

- Ans**
- ☒ 1. Bangladesh
  - ☒ 2. Myanmar
  - ☒ 3. China
  - ☒ 4. Nepal

Question ID : 1151352517  
Option 1 ID : 11513510067  
Option 2 ID : 11513510066  
Option 3 ID : 11513510068  
Option 4 ID : 11513510065  
Status : Not Answered  
Chosen Option : --

**Q.8** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

All horses are pigs.

All pigs are fishes.

**Conclusions:**

I. All fishes are pigs.

II. All horses are fishes.

- 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 : 1151351022  
Option 1 ID : 1151354088  
Option 2 ID : 1151354087  
Option 3 ID : 1151354086  
Option 4 ID : 1151354085  
Status : Answered  
Chosen Option : 2

**Q.9** Select the option that is related to the fifth alphanumeric-cluster in the same way as the second alphanumeric-cluster is related to the first alphanumeric-cluster and the fourth alphanumeric-cluster is related to the third alphanumeric-cluster.

NT14 : QW7 :: CR24 : FU12 :: PV36 : ?

- Ans**
- ☒ 1. TY8
  - ☒ 2. ST13
  - ☒ 3. SY18
  - ☒ 4. TZ17

Question ID : 1151351007

Option 1 ID : 1151354026

Option 2 ID : 1151354027

Option 3 ID : 1151354028

Option 4 ID : 1151354025

Status : **Answered**

Chosen Option : 3

**Q.10** Which of the following scientists has NOT received the Shanti Swarup Bhatnagar Prize 2021?

- Ans**
- ☒ 1. Dr Amit Singh
  - ☒ 2. Dr Binoy Kumar Saikia
  - ☒ 3. Dr Anish Ghosh
  - ☒ 4. Dr. Dheeraj Kumar

Question ID : 1151352512

Option 1 ID : 11513510046

Option 2 ID : 11513510047

Option 3 ID : 11513510048

Option 4 ID : 11513510045

Status : **Not Answered**

Chosen Option : --

**Q.11** The Green Revolution within India led to an increase in agricultural production, especially in \_\_\_\_\_.

- Ans**
- ☒ 1. Rajasthan , Maharashtra, and Gujarat
  - ☒ 2. Haryana, Punjab, and Uttar Pradesh
  - ☒ 3. Jharkhand, Punjab, and Uttarakhand
  - ☒ 4. Chhattisgarh, Bihar, and Odisha

Question ID : 1151352530

Option 1 ID : 11513510117

Option 2 ID : 11513510118

Option 3 ID : 11513510120

Option 4 ID : 11513510119

Status : **Answered**

Chosen Option : 2

**Q.12** The role of the \_\_\_\_\_ is to recommend to the President as to measures needed to augment the Consolidated Fund of a State to supplement the resources of the Municipalities in the State on the basis of the recommendations made by the Finance Commission of the State.

- Ans**
- ☒ 1. NITI Aayog
  - ☒ 2. Comptroller and Auditor General of India
  - ☒ 3. Finance Ministry
  - ☒ 4. Finance Commission

Question ID : 1151352526  
Option 1 ID : 11513510103  
Option 2 ID : 11513510102  
Option 3 ID : 11513510104  
Option 4 ID : 11513510101  
Status : Answered  
Chosen Option : 2

**Q.13** Point A is 15 m to the west of Point C. Point B is 22 m to the north of Point C. Point D is 18 m to the east of Point B. Point E is 11 m to the south of point D. Point X is 33 m to the west of Point E. What is the shortest distance between Point A and Point X?

- Ans**
- ☒ 1. 10 m
  - ☒ 2. 22 m
  - ☒ 3. 3 m
  - ☒ 4. 11 m

Question ID : 1151351037  
Option 1 ID : 1151354146  
Option 2 ID : 1151354147  
Option 3 ID : 1151354148  
Option 4 ID : 1151354145  
Status : Answered  
Chosen Option : 4

**Q.14** Which institute developed a digital certificate using the Block Chain-driven technology, which was to give digital certificates to the 61 winners of PMRBP 2021 and 2022 by the Prime Minister?

- Ans**
- ☒ 1. IIT Kanpur
  - ☒ 2. IIT Madras
  - ☒ 3. IIT Kharagpur
  - ☒ 4. IIT Bombay

Question ID : 1151352507  
Option 1 ID : 11513510025  
Option 2 ID : 11513510028  
Option 3 ID : 11513510026  
Option 4 ID : 11513510027  
Status : Not Answered  
Chosen Option : --

**Q.15** The ratio of the length, width and height of a cuboid is 60 : 24 : 7 and the length of each of its four space diagonals is 130 cm. What is the volume ( $\text{in cm}^3$ ) of the cuboid?

- Ans
- ☒ 1. 86400
  - ☒ 2. 80640
  - ☒ 3. 80460
  - ☒ 4. 84600

Question ID : 1151351226  
Option 1 ID : 1151354902  
Option 2 ID : 1151354901  
Option 3 ID : 1151354904  
Option 4 ID : 1151354903  
Status : Answered  
Chosen Option : 2

**Q.16** In what way can the terms of the given set be rearranged into three sets such that the sum of the two terms in each set is equal?

(947, 861, 1304, 1218, 1378, 787)

- Ans
- ☒ 1. (787, 1378), (947, 1304), (861, 1218)
  - ☒ 2. (947, 1218), (861, 1304), (787, 1378)
  - ☒ 3. (861, 1218), (947, 1378), (787, 1304)
  - ☒ 4. (947, 1304), (861, 1378), (787, 1218)

Question ID : 1151351038  
Option 1 ID : 1151354149  
Option 2 ID : 1151354152  
Option 3 ID : 1151354150  
Option 4 ID : 1151354151  
Status : Answered  
Chosen Option : 2

**Q.17** Which of the following does NOT support bidirectional data transmission?

- Ans
- ☒ 1. Half-duplex
  - ☒ 2. Simplex
  - ☒ 3. Full-duplex
  - ☒ 4. Both, half-duplex and full-duplex

Question ID : 1151352551  
Option 1 ID : 11513510202  
Option 2 ID : 11513510201  
Option 3 ID : 11513510203  
Option 4 ID : 11513510204  
Status : Answered  
Chosen Option : 2

Q.18 Giorgio Parisi won the Nobel Prize 2021 in \_\_\_\_\_.

- Ans
- ☒ 1. Economic Sciences
  - ☒ 2. Physics
  - ☒ 3. Medicine
  - ☒ 4. Chemistry

Question ID : 1151352513  
 Option 1 ID : 11513510049  
 Option 2 ID : 11513510050  
 Option 3 ID : 11513510051  
 Option 4 ID : 11513510052  
 Status : Answered  
 Chosen Option : 3

Q.19 When was "Food for Work" programme first launched in India?

- Ans
- ☒ 1. 1976
  - ☒ 2. 1977
  - ☒ 3. 1975
  - ☒ 4. 1978

Question ID : 1151352536  
 Option 1 ID : 11513510142  
 Option 2 ID : 11513510143  
 Option 3 ID : 11513510141  
 Option 4 ID : 11513510144  
 Status : Not Answered  
 Chosen Option : --

Q.20 The variable  $x$  takes integer values with  $0 \leq x \leq 4$ . If the frequency is given by  $f(x) = 1 + x + x(x-1) + \frac{1}{2}x(x-1)(x-2) - \frac{1}{3}x(x-1)(x-2)(x-3)$ , then what is the mode of  $x$ ?

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

Question ID : 1151351231  
 Option 1 ID : 1151354923  
 Option 2 ID : 1151354922  
 Option 3 ID : 1151354924  
 Option 4 ID : 1151354921  
 Status : Not Attempted and Marked For Review  
 Chosen Option : --



Q.21 Simplify:

$$18 + 48 \div 12 \times (32 \div 4)^2 - 8$$

- Ans
- ☒ 1. 344
  - ☒ 2. 266
  - ☒ 3. 242
  - ☒ 4. 308

Question ID : 1151351222  
Option 1 ID : 1151354885  
Option 2 ID : 1151354887  
Option 3 ID : 1151354888  
Option 4 ID : 1151354886  
Status : Answered  
Chosen Option : 2

Q.22 Who won the Sahitya Akademi Yuva Puraskar 2021 for her first book 'A Burning', published in 2020?

- Ans
- ☒ 1. Ganga Sharma
  - ☒ 2. Yashica Dutt
  - ☒ 3. Bipasha Bora
  - ☒ 4. Megha Majumdar

Question ID : 1151352506  
Option 1 ID : 11513510022  
Option 2 ID : 11513510023  
Option 3 ID : 11513510021  
Option 4 ID : 11513510024  
Status : Answered  
Chosen Option : 4

Q.23 Identify the INCORRECT pair of Primitive subsistence agriculture and related state from following -

- Ans
- ☒ 1. Kuruwa - Jharkhand
  - ☒ 2. Koman - Kerala
  - ☒ 3. Podu - Andhra Pradesh
  - ☒ 4. Dahiya - Madhya Pradesh

Question ID : 1151352523  
Option 1 ID : 11513510092  
Option 2 ID : 11513510090  
Option 3 ID : 11513510089  
Option 4 ID : 11513510091  
Status : Not Answered  
Chosen Option : --



**Q.24** Which economist has written the book “The General Theory of Employment, Interest and Money (1936)”?

- Ans**
- ✓ 1. John Maynard Keynes
  - ✗ 2. Milton Friedman
  - ✗ 3. Adam Smith
  - ✗ 4. Vincent Crawford

Question ID : 1151352533  
Option 1 ID : 11513510130  
Option 2 ID : 11513510129  
Option 3 ID : 11513510132  
Option 4 ID : 11513510131  
Status : Not Answered  
Chosen Option : --

**Q.25** Which of the following was the capital of Magadh for several years before it was shifted to Pataliputra?

- Ans**
- ✗ 1. Patna
  - ✗ 2. Gaya
  - ✗ 3. Nalanda
  - ✓ 4. Rajagriha

Question ID : 1151352542  
Option 1 ID : 11513510168  
Option 2 ID : 11513510165  
Option 3 ID : 11513510166  
Option 4 ID : 11513510167  
Status : Answered  
Chosen Option : 4

**Q.26** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

All dusters are balls.

All cups are balls.

**Conclusions:**

I. All balls are cups.

II. No duster is a cup.

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

Question ID : 1151351035  
Option 1 ID : 1151354137  
Option 2 ID : 1151354139  
Option 3 ID : 1151354138  
Option 4 ID : 1151354140  
Status : Answered  
Chosen Option : 2

**Q.27** Travelling at  $\frac{7}{8}$  of his usual speed, Ansh covered a distance of 35 km in 50 minutes. What will be Ansh's usual speed in km/h?

- Ans**
- ☒ 1. 54
  - ☒ 2. 60
  - ☒ 3. 48
  - ☒ 4. 64

Question ID : 1151351235  
Option 1 ID : 1151354938  
Option 2 ID : 1151354939  
Option 3 ID : 1151354937  
Option 4 ID : 1151354940  
Status : Answered  
Chosen Option : 3

**Q.28** The Indian Railways has completed the world's highest railway-arch bridge over the ..... river in Jammu and Kashmir.

- Ans**
- ☒ 1. Ravi
  - ☒ 2. Chenab
  - ☒ 3. Indus
  - ☒ 4. Jhelum

Question ID : 1151352524  
Option 1 ID : 11513510095  
Option 2 ID : 11513510093  
Option 3 ID : 11513510096  
Option 4 ID : 11513510094  
Status : Answered  
Chosen Option : 4

**Q.29** On compound interest, a certain sum becomes ₹19,360 after 2 years and ₹21,296 after 3 years. Find the simple interest on the same sum at the same rate of interest for 3 years.

- Ans**
- ☒ 1. ₹4,760
  - ☒ 2. ₹4,675
  - ☒ 3. ₹4,725
  - ☒ 4. ₹4,800

Question ID : 1151351241  
Option 1 ID : 1151354963  
Option 2 ID : 1151354961  
Option 3 ID : 1151354962  
Option 4 ID : 1151354964  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.30** Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ADF, GJL, MPR, ?, YBD

- Ans** ☒ 1. SVX  
☐ 2. SXA  
☐ 3. SVY  
☐ 4. STU

Question ID : 1151351011  
Option 1 ID : 1151354044  
Option 2 ID : 1151354043  
Option 3 ID : 1151354042  
Option 4 ID : 1151354041  
Status : Answered  
Chosen Option : 1

**Q.31** Independence of Judiciary and Judicial review provided in the Constitution of India has been adopted from \_\_\_\_\_

- Ans** ☐ 1. The British Constitution  
☒ 2. The US Constitution  
☐ 3. The Canadian Constitution  
☐ 4. The Weimar Constitution

Question ID : 1151352528  
Option 1 ID : 11513510109  
Option 2 ID : 11513510110  
Option 3 ID : 11513510111  
Option 4 ID : 11513510112  
Status : Answered  
Chosen Option : 3

**Q.32** The Appalachians mountain region is a part of which continent?

- Ans** ☒ 1. North America  
☐ 2. Asia  
☐ 3. Africa  
☐ 4. South America

Question ID : 1151352522  
Option 1 ID : 11513510087  
Option 2 ID : 11513510085  
Option 3 ID : 11513510086  
Option 4 ID : 11513510088  
Status : Not Answered  
Chosen Option : --

**Q.33** On simple interest a certain sum becomes 160% of itself in 5 years at a certain rate of interest per annum. In how many years will the sum double itself under the same rate of interest?

- Ans
- ☒ 1. 7
  - ☒ 2. 10
  - ☒ 3.  $8\frac{1}{3}$
  - ☒ 4.  $9\frac{1}{2}$

Question ID : 1151351248  
 Option 1 ID : 1151354991  
 Option 2 ID : 1151354989  
 Option 3 ID : 1151354992  
 Option 4 ID : 1151354990  
 Status : Answered  
 Chosen Option : 3

**Q.34** Which of the following chemical reactions is a combination reaction? (Here A, B, C and D represent any element/molecule)

- Ans
- ☒ 1.  $A+B \rightarrow AB$
  - ☒ 2.  $AB+C \rightarrow AC+B$
  - ☒ 3.  $AB \rightarrow A+B$
  - ☒ 4.  $AB+CD \rightarrow AD+BC$

Question ID : 1151352541  
 Option 1 ID : 11513510161  
 Option 2 ID : 11513510163  
 Option 3 ID : 11513510162  
 Option 4 ID : 11513510164  
 Status : Answered  
 Chosen Option : 1

**Q.35** Ten people are sitting in two parallel rows 1 and 2. A, B, C, D and E are sitting in row 1 facing north, and V, W, X, Y and Z are sitting in row 2 facing south, in such a way that each member in row 1 faces a member of row 2. A sits second from the left end of the row. V faces an immediate neighbour of A. W sits second to the left of V. The one who faces W, sits to the immediate left of B. E sits at one of the positions to the right of B. Z faces an immediate neighbour of E. Neither X nor D sit at any of the extreme ends of the row. Who faces D?

- Ans
- ☒ 1. X
  - ☒ 2. Z
  - ☒ 3. W
  - ☒ 4. V

Question ID : 1151351032  
 Option 1 ID : 1151354125  
 Option 2 ID : 1151354127  
 Option 3 ID : 1151354128  
 Option 4 ID : 1151354126  
 Status : Not Attempted and Marked For Review  
 Chosen Option : --

**Q.36** The difference between 8% profit and 13% loss while selling an item was ₹115.50. What was the cost price of the item?

- Ans
- ☒ 1. ₹540
  - ☒ 2. ₹560
  - ☒ 3. ₹550
  - ☒ 4. ₹580

Question ID : 1151351229  
Option 1 ID : 1151354915  
Option 2 ID : 1151354916  
Option 3 ID : 1151354913  
Option 4 ID : 1151354914  
Status : Answered  
Chosen Option : 3

**Q.37** In which year did Mahatma Gandhi start the Rowlatt Satyagraha?

- Ans
- ☒ 1. 1919
  - ☒ 2. 1935
  - ☒ 3. 1923
  - ☒ 4. 1920

Question ID : 1151352544  
Option 1 ID : 11513510174  
Option 2 ID : 11513510175  
Option 3 ID : 11513510173  
Option 4 ID : 11513510176  
Status : Answered  
Chosen Option : 3

**Q.38** Who introduced binomial nomenclature?

- Ans
- ☒ 1. Claude Louis Berthollet
  - ☒ 2. Dmitri Mendeleev
  - ☒ 3. Carolus Linnaeus
  - ☒ 4. John Dalton

Question ID : 1151352538  
Option 1 ID : 11513510151  
Option 2 ID : 11513510149  
Option 3 ID : 11513510152  
Option 4 ID : 11513510150  
Status : Answered  
Chosen Option : 3

**Q.39** Which state has launched 'Khel Nursery Scheme 2022-2023' to promote sports in the state?

- Ans**
- ✓ 1. Haryana
  - ✗ 2. Uttarakhand
  - ✗ 3. Uttar Pradesh
  - ✗ 4. Karnataka

Question ID : 1151352509  
Option 1 ID : 11513510035  
Option 2 ID : 11513510036  
Option 3 ID : 11513510033  
Option 4 ID : 11513510034  
Status : Answered  
Chosen Option : 1

**Q.40** An equilateral triangle ABC is inscribed in a circle with radius 12 cm and centre O. Find the length of each side of the triangle ABC (in cm).

- Ans**
- ✗ 1.  $10\sqrt{5}$
  - ✗ 2.  $14\sqrt{3}$
  - ✗ 3.  $10\sqrt{3}$
  - ✓ 4.  $12\sqrt{3}$

Question ID : 1151351247  
Option 1 ID : 1151354986  
Option 2 ID : 1151354988  
Option 3 ID : 1151354985  
Option 4 ID : 1151354987  
Status : Answered  
Chosen Option : 4

**Q.41** In a certain code language, 'CHERRY' is coded as '6-16-10-36-36-50', and 'GRAPES' is coded as '14-36-2-32-10-38'. How will 'LITCHI' be coded in that language?

- Ans**
- ✗ 1. 26-18-38-6-16-18
  - ✗ 2. 26-18-40-6-16-18
  - ✗ 3. 24-16-40-6-18-16
  - ✓ 4. 24-18-40-6-16-18

Question ID : 1151351010  
Option 1 ID : 1151354038  
Option 2 ID : 1151354037  
Option 3 ID : 1151354039  
Option 4 ID : 1151354040  
Status : Answered  
Chosen Option : 4

Q.42 If

'P + Q' means 'P is the father of Q',

'P - Q' means 'P is the mother of Q',

'P / Q' means 'P is the sister of Q',

'P U Q' means 'P is the son of Q',

'P  $\cap$  Q' means 'P is the daughter of Q',

then which of the following means that 'A is E's daughter's son'?

- Ans
- ☒ 1.  $A \cap B \cap C / D + E$
  - ☒ 2.  $A / B \cup C \cup D / E$
  - ☒ 3.  $A / B + C - D \cup E$
  - ☒ 4.  $A \cup B / C / D \cup E$

Question ID : 1151351013

Option 1 ID : 1151354052

Option 2 ID : 1151354051

Option 3 ID : 1151354049

Option 4 ID : 1151354050

Status : Answered

Chosen Option : 4

Q.43 What is the HCF of 875, 245 and 1225?

- Ans
- ☒ 1. 105
  - ☒ 2. 5
  - ☒ 3. 7
  - ☒ 4. 35

Question ID : 1151351227

Option 1 ID : 1151354908

Option 2 ID : 1151354905

Option 3 ID : 1151354906

Option 4 ID : 1151354907

Status : Answered

Chosen Option : 4

Q.44 Which of the following is NOT a Percussion Instrument used in Carnatic Music?

- Ans
- ☒ 1. Mridangam
  - ☒ 2. Morsing
  - ☒ 3. Mandolin
  - ☒ 4. Ghatam

Question ID : 1151352554

Option 1 ID : 11513510213

Option 2 ID : 11513510215

Option 3 ID : 11513510216

Option 4 ID : 11513510214

Status : Not Answered

Chosen Option : --



**Q.45** Two statements I and II are given. These statements may be either independent causes or may be the effects of independent causes or a common cause. One of these statements may be the effect of the other statement. Read both the statements and decide which of the following options correctly depicts the relationship between these two statements.

**Statements:**

I. A substantial increase in the spread of COVID positive cases especially among people less than 18 years of age is expected in the city during the next 2 months.

II. The government has announced that all schools will remain closed until the COVID situation subsides.

- Ans** ☒ 1. Statement I is the cause and statement II is its effect
- ☒ 2. Both statements I and II are independent causes
- ☒ 3. Both statements I and II are the effects of independent causes
- ☒ 4. Statement II is the cause and statement I is its probable effect

Question ID : 1151351029

Option 1 ID : 1151354114

Option 2 ID : 1151354113

Option 3 ID : 1151354116

Option 4 ID : 1151354115

Status : **Answered**

Chosen Option : 1

**Q.46** Which of the following groups of metals are so soft that they can be cut with a knife and have low densities and low melting points?

- Ans** ☒ 1. Arsenic, Antimony, Bismuth
- ☒ 2. Beryllium, Calcium, Magnesium
- ☒ 3. Germanium, Galium, Indium
- ☒ 4. Lithium, Sodium, Potassium

Question ID : 1151352540

Option 1 ID : 11513510157

Option 2 ID : 11513510159

Option 3 ID : 11513510160

Option 4 ID : 11513510158

Status : **Answered**

Chosen Option : 4

**Q.47** Sri Lanka is separated from India by a narrow channel of sea formed by:

- Ans** ☒ 1. The Palk Strait and the Gulf of Mannar
- ☒ 2. Only the Gulf of Mannar
- ☒ 3. Strait of Malacca
- ☒ 4. Only the Palk Strait

Question ID : 1151352537

Option 1 ID : 11513510146

Option 2 ID : 11513510147

Option 3 ID : 11513510148

Option 4 ID : 11513510145

Status : **Answered**

Chosen Option : 1

**Q.48** In a row of a few students, P was standing 17<sup>th</sup> from the left end and 23<sup>rd</sup> from the right end. If Q was standing exactly in the middle of the row, what was his position from the extreme left end? Assume that the students were facing the north.

- Ans**
- ☒ 1. 22<sup>nd</sup>
  - ☒ 2. 18<sup>th</sup>
  - ☒ 3. 19<sup>th</sup>
  - ☒ 4. 20<sup>th</sup>

Question ID : 1151351024  
Option 1 ID : 1151354095  
Option 2 ID : 1151354096  
Option 3 ID : 1151354093  
Option 4 ID : 1151354094  
Status : Answered  
Chosen Option : 4

**Q.49** A question is given, followed by two statements labelled I and II. Identify which of the statements is/are sufficient/necessary to answer the question.

**Question:**

How many workers are there in a factory?

**Statements:**

I. There are more than 30 but less than 37 workers in the factory.

II. There are more than 34 but less than 41 workers in the factory. The number of workers in the factory can be divided into two groups in such a manner that each group contains an equal number of workers.

- Ans**
- ☒ 1. Statements I and II together are not sufficient to answer the question
  - ☒ 2. Statement I alone is sufficient to answer the question
  - ☒ 3. Both statements I and II together are sufficient to answer the question
  - ☒ 4. Statement II alone is sufficient to answer the question

Question ID : 1151351034  
Option 1 ID : 1151354136  
Option 2 ID : 1151354133  
Option 3 ID : 1151354135  
Option 4 ID : 1151354134  
Status : Answered  
Chosen Option : 3

**Q.50** A can do 87.5% of the work in 35 days while B can do 65% of the same work in 23.4 days. If they work together, what fraction of the work will get done in 1 day?

Ans

- ☒ 1.  $\frac{1}{19}$   
☒ 2.  $\frac{7}{120}$   
☒ 3.  $\frac{19}{360}$   
☒ 4.  $\frac{1}{20}$

Question ID : 1151351234

Option 1 ID : 1151354934

Option 2 ID : 1151354936

Option 3 ID : 1151354935

Option 4 ID : 1151354933

Status : Answered

Chosen Option : 3

**Q.51** In a row of students all facing north, Aniket is 12<sup>th</sup> from the left and Kavlin is 18<sup>th</sup> from the right. If their positions are swapped, Kavlin becomes 14<sup>th</sup> from the right. What is the total number of students in the row?

Ans

- ☒ 1. 31  
☒ 2. 26  
☒ 3. 25  
☒ 4. 27

Question ID : 1151351020

Option 1 ID : 1151354077

Option 2 ID : 1151354079

Option 3 ID : 1151354080

Option 4 ID : 1151354078

Status : Answered

Chosen Option : 3

**Q.52** In each of the number-pairs, the second number is obtained by performing a certain mathematical operation on the first number. Three of the following pairs follow the same pattern and thus form a group. Select the number-pair that does NOT belong to that group.

Ans

- ☒ 1. 324 – 19  
☒ 2. 625 – 26  
☒ 3. 441 – 22  
☒ 4. 144 – 15

Question ID : 1151351027

Option 1 ID : 1151354105

Option 2 ID : 1151354107

Option 3 ID : 1151354106

Option 4 ID : 1151354108

Status : Answered

Chosen Option : 4

**Q.53** Promoting education and economic interests of weaker sections of the society, especially the Scheduled Castes and Scheduled Tribes comes under which of the following?

- Ans**
- ☒ 1. Fundamental Rights
  - ☒ 2. Directive principles of the State policy
  - ☒ 3. Fundamental duties
  - ☒ 4. Fifth Schedule

Question ID : 1151352527  
Option 1 ID : 11513510105  
Option 2 ID : 11513510107  
Option 3 ID : 11513510106  
Option 4 ID : 11513510108

Status : Answered  
Chosen Option : 2

**Q.54** Which of the following persons played the Shehnai at the Red Fort to celebrate the occasion of India's independence in August 1947?

- Ans**
- ☒ 1. Anant Lal
  - ☒ 2. Vasant Desai
  - ☒ 3. Ali Ahmed Hussain Khan
  - ☒ 4. Bismillah Khan

Question ID : 1151352555  
Option 1 ID : 11513510219  
Option 2 ID : 11513510217  
Option 3 ID : 11513510218  
Option 4 ID : 11513510220

Status : Answered  
Chosen Option : 4

**Q.55** In a queue of 80 people, Angelina is 13<sup>th</sup> from the right and Margareta is 18<sup>th</sup> from the left. How many people are there between Angelina and Margareta?

- Ans**
- ☒ 1. 48
  - ☒ 2. 38
  - ☒ 3. 50
  - ☒ 4. 49

Question ID : 1151351006  
Option 1 ID : 1151354022  
Option 2 ID : 1151354021  
Option 3 ID : 1151354023  
Option 4 ID : 1151354024

Status : Answered  
Chosen Option : 4

**Q.56** The 40<sup>th</sup> Indian site to be inscribed on the UNESCO World Heritage List is located in the state of \_\_\_\_\_.

- Ans**
- ☒ 1. Uttar Pradesh
  - ☒ 2. West Bengal
  - ☒ 3. Bihar
  - ☒ 4. Gujarat

Question ID : 1151352510  
Option 1 ID : 11513510037  
Option 2 ID : 11513510040  
Option 3 ID : 11513510039  
Option 4 ID : 11513510038  
Status : Not Answered  
Chosen Option : --

**Q.57** If it was Wednesday on Rahul's birthday in the year 2005, then what will be the day of the week on his next birthday?

- Ans**
- ☒ 1. Saturday
  - ☒ 2. Friday
  - ☒ 3. Thursday
  - ☒ 4. Tuesday

Question ID : 1151351008  
Option 1 ID : 1151354032  
Option 2 ID : 1151354031  
Option 3 ID : 1151354030  
Option 4 ID : 1151354029  
Status : Answered  
Chosen Option : 3

**Q.58** A pipe can fill an empty tank in 12.5 hours. At the bottom of the tank there was a leakage point which can drain the completely filled tank in 17.5 hours. The leakage point could be closed after 14 hours of opening the pipe to fill the tank. What was the total time taken (in hours) to fill the tank?

- Ans**
- ☒ 1. 22.5
  - ☒ 2. 20.5
  - ☒ 3. 27
  - ☒ 4. 25

Question ID : 1151351220  
Option 1 ID : 1151354877  
Option 2 ID : 1151354878  
Option 3 ID : 1151354879  
Option 4 ID : 1151354880  
Status : Answered  
Chosen Option : 1

**Q.59** Rachel borrowed ₹10,000 at 10% simple interest per annum. She paid back ₹3,000 after Year 1, ₹2,800 after Year 2, and the remaining amount due after Year 3. If interest was charged on reducing balance, what was the amount Rachel paid as the final instalment?

- Ans**
- ☒ 1. ₹7,200
  - ☒ 2. ₹6,600
  - ☒ 3. ₹4,620
  - ☒ 4. ₹5,850

Question ID : 1151351230

Option 1 ID : 1151354918

Option 2 ID : 1151354920

Option 3 ID : 1151354919

Option 4 ID : 1151354917

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

Chosen Option : --

**Q.60** Goswami Tulsidas who composed Ramcharitmanas was born in the modern state of \_\_\_\_\_.

- Ans**
- ☒ 1. Uttar Pradesh
  - ☒ 2. Tamil Nadu
  - ☒ 3. Maharashtra
  - ☒ 4. Karnataka

Question ID : 1151352549

Option 1 ID : 11513510195

Option 2 ID : 11513510196

Option 3 ID : 11513510194

Option 4 ID : 11513510193

Status : **Answered**

Chosen Option : 2

**Q.61** A man on the top of a vertical tower observes a car moving at a uniform speed coming directly towards it. If it takes 10 minutes for the angle of depression to change from  $45^\circ$  to  $60^\circ$ , in how much time will the car reach the tower?

- Ans**
- ☒ 1.  $(15 + 5\sqrt{3})$  minutes
  - ☒ 2.  $(3 + 5\sqrt{3})$  minutes
  - ☒ 3.  $(15 + 8\sqrt{3})$  minutes
  - ☒ 4.  $(15 + 3\sqrt{3})$  minutes

Question ID : 1151351249

Option 1 ID : 1151354994

Option 2 ID : 1151354995

Option 3 ID : 1151354996

Option 4 ID : 1151354993

Status : **Answered**

Chosen Option : 1

**Q.62** 48 square plates of side 2 cm are arranged in the form of a rectangle such that its sides are in the ratio 3 : 4. Find the perimeter of the rectangle (in cm).

- Ans**
- ✓ 1. 56
  - ✗ 2. 52
  - ✗ 3. 48
  - ✗ 4. 58

Question ID : 1151351250  
 Option 1 ID : 1151354999  
 Option 2 ID : 1151354998  
 Option 3 ID : 1151354997  
 Option 4 ID : 1151355000  
 Status : Answered  
 Chosen Option : 1

**Q.63** Simplify the expression:

$$\frac{4^{524} - 4^{522} + 30}{4^{522} + 2}$$

- Ans**
- ✗ 1.  $\frac{25}{4}$
  - ✗ 2.  $\frac{15}{4}$
  - ✗ 3. 30
  - ✓ 4. 15

Question ID : 1151351238  
 Option 1 ID : 1151354949  
 Option 2 ID : 1151354951  
 Option 3 ID : 1151354950  
 Option 4 ID : 1151354952  
 Status : Answered  
 Chosen Option : 4

**Q.64** Which of the following is NOT among the three distinct human races identified by Georges Cuvier (1828)?

- Ans**
- ✗ 1. Caucasoid
  - ✗ 2. Negroid
  - ✓ 3. Laplanderiod
  - ✗ 4. Mongoloid

Question ID : 1151352521  
 Option 1 ID : 11513510081  
 Option 2 ID : 11513510082  
 Option 3 ID : 11513510083  
 Option 4 ID : 11513510084  
 Status : Not Answered  
 Chosen Option : --



- Q.65** In a certain code language,  
 'never speak ill' is coded as 'ml un ha',  
 'fall ill often' is coded as 'ed pe ml',  
 'they speak often' is coded as 'ha ed os'.  
 (Note: All codes are two letter codes only)

What is the probable code for 'they fall' in the given code language?

- Ans**
- ☒ 1. ed pe
  - ☒ 2. pe os
  - ☒ 3. ml ed
  - ☒ 4. os ml

Question ID : **1151351039**  
 Option 1 ID : **1151354154**  
 Option 2 ID : **1151354156**  
 Option 3 ID : **1151354153**  
 Option 4 ID : **1151354155**  
 Status : **Answered**  
 Chosen Option : **2**

- Q.66** Six people D, E, K, L, S and T are each of a different height. E is taller than only two people. T is taller than E but shorter than D. Neither D nor K is the tallest. S is shorter than T but not the shortest. How many people are taller than L?

- Ans**
- ☒ 1. More than two
  - ☒ 2. Two
  - ☒ 3. One
  - ☒ 4. None

Question ID : **1151351028**  
 Option 1 ID : **1151354112**  
 Option 2 ID : **1151354111**  
 Option 3 ID : **1151354110**  
 Option 4 ID : **1151354109**  
 Status : **Answered**  
 Chosen Option : **4**

- Q.67** The average of 25 numbers is 55. The average of first 11 numbers is 51 and the average of last 10 numbers is 56. What is the average of 66, 70 and the remaining 4 numbers out of given 25 numbers?

- Ans**
- ☒ 1. 68
  - ☒ 2. 65
  - ☒ 3. 66
  - ☒ 4. 64

Question ID : **1151351243**  
 Option 1 ID : **1151354972**  
 Option 2 ID : **1151354970**  
 Option 3 ID : **1151354971**  
 Option 4 ID : **1151354969**  
 Status : **Answered**  
 Chosen Option : **2**

**Q.68** In a certain code language, 'TONGUE' is written as 'EOUGNT', and 'JEALOUS' is written as 'AEOUJLS'. How will 'STOMACH' be written in that language?

- Ans**
- ☒ 1. ACMOHST
  - ☒ 2. MOSTACH
  - ☒ 3. ACOHMST
  - ☒ 4. AOCHMST

Question ID : 1151351021  
Option 1 ID : 1151354084  
Option 2 ID : 1151354082  
Option 3 ID : 1151354081  
Option 4 ID : 1151354083  
Status : Answered  
Chosen Option : 4

**Q.69** The compound interest on a sum of ₹1,250 for two years is ₹102 when interest is compounded annually at a certain rate per cent p.a. What is the rate of interest per annum?

- Ans**
- ☒ 1. 3.5%
  - ☒ 2. 4.08%
  - ☒ 3. 4%
  - ☒ 4. 3.9%

Question ID : 1151351223  
Option 1 ID : 1151354889  
Option 2 ID : 1151354892  
Option 3 ID : 1151354891  
Option 4 ID : 1151354890  
Status : Answered  
Chosen Option : 3

**Q.70** \_\_\_\_\_ is when a government taxing, spending, or borrowing decision has or is intended to have no net effect on the economy.

- Ans**
- ☒ 1. Fiscal profit
  - ☒ 2. Fiscal deficit
  - ☒ 3. Fiscal expenditure
  - ☒ 4. Fiscal neutrality

Question ID : 1151352531  
Option 1 ID : 11513510122  
Option 2 ID : 11513510124  
Option 3 ID : 11513510121  
Option 4 ID : 11513510123  
Status : Answered  
Chosen Option : 4

**Q.71** IPv4 address is a string of numbers consisting of four parts, where each part is a number between \_\_\_\_\_ and \_\_\_\_\_.

- Ans**
- ✓ 1. 0, 255
  - ✗ 2. 1, 256
  - ✗ 3. 0, 256
  - ✗ 4. 1, 255

Question ID : **1151352552**  
Option 1 ID : **11513510206**  
Option 2 ID : **11513510208**  
Option 3 ID : **11513510205**  
Option 4 ID : **11513510207**  
Status : **Answered**  
Chosen Option : **2**

**Q.72** Which of the following symbols is a correct representation for air mass above a hot and dry desert region?

- Ans**
- ✗ 1. cP
  - ✗ 2. cA
  - ✓ 3. cT
  - ✗ 4. mP

Question ID : **1151352519**  
Option 1 ID : **11513510073**  
Option 2 ID : **11513510076**  
Option 3 ID : **11513510075**  
Option 4 ID : **11513510074**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.73** There are seven members in a family. D is the mother of F. D is G's father's mother. G is the brother of A and C. F is the only son of E. How is E related to C?

- Ans**
- ✗ 1. Brother
  - ✗ 2. Mother's brother
  - ✗ 3. Father
  - ✓ 4. Father's father

Question ID : **1151351009**  
Option 1 ID : **1151354035**  
Option 2 ID : **1151354033**  
Option 3 ID : **1151354036**  
Option 4 ID : **1151354034**  
Status : **Answered**  
Chosen Option : **4**

Q.74 If  $\sec\theta - \tan\theta = 2.5$ , then what is the value of  $\sec\theta$  ?

- Ans
- ☒ 1. 1.30
  - ☒ 2. 1.60
  - ☒ 3. 1.45
  - ☒ 4. 1.70

Question ID : 1151351218  
Option 1 ID : 1151354870  
Option 2 ID : 1151354872  
Option 3 ID : 1151354869  
Option 4 ID : 1151354871  
Status : Answered  
Chosen Option : 3

Q.75 The sum of the radius of the base and the height of a solid right circular cylinder is 39 cm. Its total surface area is  $1716 \text{ cm}^2$ . What is the volume (in  $\text{cm}^3$ ) of the cylinder? (Take  $\pi = \frac{22}{7}$ )

- Ans
- ☒ 1. 4774
  - ☒ 2. 5082
  - ☒ 3. 4928
  - ☒ 4. 4620

Question ID : 1151351219  
Option 1 ID : 1151354874  
Option 2 ID : 1151354876  
Option 3 ID : 1151354875  
Option 4 ID : 1151354873  
Status : Answered  
Chosen Option : 3

Q.76 Under which of the following Seismic Zones do the Andaman and Nicobar Islands fall?

- Ans
- ☒ 1. Zone V
  - ☒ 2. Zone II
  - ☒ 3. Zone IV
  - ☒ 4. Zone III

Question ID : 1151352516  
Option 1 ID : 11513510063  
Option 2 ID : 11513510061  
Option 3 ID : 11513510064  
Option 4 ID : 11513510062  
Status : Not Answered  
Chosen Option : --

Q.77 The \_\_\_\_\_ of Gunadhya is written in the Paisachi language.

- Ans
- ☒ 1. Mrichchhakatika
  - ☒ 2. Panchatantra
  - ☒ 3. Brihatkatha
  - ☒ 4. Kathasaritsagara

Question ID : 1151352548

Option 1 ID : 11513510192

Option 2 ID : 11513510190

Option 3 ID : 11513510189

Option 4 ID : 11513510191

Status : Not Answered

Chosen Option : --

Q.78 Find the HCF of  $3x^2yz$ ,  $5xy^2z$ ,  $12x^2y^2z^3$ .

- Ans
- ☒ 1.  $180xyz$
  - ☒ 2.  $xyz$
  - ☒ 3.  $180x^5y^5z^5$
  - ☒ 4.  $180x^2y^2z^3$

Question ID : 1151351245

Option 1 ID : 1151354977

Option 2 ID : 1151354978

Option 3 ID : 1151354980

Option 4 ID : 1151354979

Status : Answered

Chosen Option : 2

Q.79 From the top of a tree 7 m high, the angle of elevation of a tower is  $30^\circ$ . If the tower is 47 m high, how far away from the tower is the tree positioned?

- Ans
- ☒ 1.  $45\sqrt{3}$  m
  - ☒ 2. 40 m
  - ☒ 3.  $15\sqrt{3}$  m
  - ☒ 4.  $40\sqrt{3}$  m

Question ID : 1151351221

Option 1 ID : 1151354884

Option 2 ID : 1151354881

Option 3 ID : 1151354882

Option 4 ID : 1151354883

Status : Answered

Chosen Option : 4

**Q.80** Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

SEVERAL : MZSDWDT :: TRACKED : EDLBBQU :: HEADING : ?

- Ans**
- ☒ 1. IDBCJMH
  - ☒ 2. HMJCBDI
  - ☒ 3. JDBCIMH
  - ☒ 4. HMICBDJ

Question ID : 1151351023

Option 1 ID : 1151354089

Option 2 ID : 1151354090

Option 3 ID : 1151354091

Option 4 ID : 1151354092

Status : Answered

Chosen Option : 2

**Q.81** If in a certain code language, 'Cricket' is called 'Archery', 'Archery' is called 'Football', and 'Football' is called 'Volleyball', then which game is played with a bat?

- Ans**
- ☒ 1. Volleyball
  - ☒ 2. Archery
  - ☒ 3. Cricket
  - ☒ 4. Football

Question ID : 1151351015

Option 1 ID : 1151354060

Option 2 ID : 1151354057

Option 3 ID : 1151354058

Option 4 ID : 1151354059

Status : Answered

Chosen Option : 2

**Q.82** A reduction of 20% in the price of wheat enables a housewife to obtain 4 kgs more for ₹1200, what is the reduced price per kg (in ₹)?

- Ans**
- ☒ 1. 40
  - ☒ 2. 60
  - ☒ 3. 75
  - ☒ 4. 50

Question ID : 1151351240

Option 1 ID : 1151354959

Option 2 ID : 1151354960

Option 3 ID : 1151354958

Option 4 ID : 1151354957

Status : Answered

Chosen Option : 2

Q.83 The Lauria Nandangarh Pillar is located in \_\_\_\_\_.

- Ans
- ☒ 1. Kumrahar
  - ☒ 2. Patna
  - ☒ 3. Varanasi
  - ☒ 4. Champaran

Question ID : 1151352545  
Option 1 ID : 11513510179  
Option 2 ID : 11513510180  
Option 3 ID : 11513510178  
Option 4 ID : 11513510177  
Status : Not Answered  
Chosen Option : --

Q.84 The kingdom of Awadh was formally annexed by the British in the year \_\_\_\_.

- Ans
- ☒ 1. 1897
  - ☒ 2. 1856
  - ☒ 3. 1801
  - ☒ 4. 1805

Question ID : 1151352553  
Option 1 ID : 11513510212  
Option 2 ID : 11513510210  
Option 3 ID : 11513510209  
Option 4 ID : 11513510211  
Status : Not Answered  
Chosen Option : --

Q.85 What is the value of  $\sec^2 37^\circ - \tan^2 37^\circ$ ?

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

Question ID : 1151351224  
Option 1 ID : 1151354895  
Option 2 ID : 1151354894  
Option 3 ID : 1151354893  
Option 4 ID : 1151354896  
Status : Answered  
Chosen Option : 1



**Q.86** According to the Union Budget 2022-23, which among the following is NOT one of the seven engines of economic growth under “PM Gati Shakti”?

- Ans** ☒ 1. Communications  
☒ 2. Roadways  
☒ 3. Railways  
☒ 4. Ports

Question ID : 1151352532  
Option 1 ID : 11513510128  
Option 2 ID : 11513510125  
Option 3 ID : 11513510126  
Option 4 ID : 11513510127  
Status : Answered  
Chosen Option : 1

**Q.87** A set of four numbers that begins with the number 53 is arranged from the smallest to largest. If the median is 56, which of the following could possibly be the set of numbers?

- Ans** ☒ 1. 53, 57, 61, 65  
☒ 2. 53, 53, 57, 59  
☒ 3. 53, 55, 57, 58  
☒ 4. 53, 56, 59, 62

Question ID : 1151351237  
Option 1 ID : 1151354948  
Option 2 ID : 1151354945  
Option 3 ID : 1151354947  
Option 4 ID : 1151354946  
Status : Answered  
Chosen Option : 3

**Q.88** Three varieties of tea, whose cost prices per kg are ₹500, ₹720 and ₹900 are blended in the ratio 9 : 5 : 11. What should be the selling price per kg of the blended tea if the seller has to make a profit of 20%?

- Ans** ☒ 1. ₹884  
☒ 2. ₹854  
☒ 3. ₹844  
☒ 4. ₹864

Question ID : 1151351233  
Option 1 ID : 1151354931  
Option 2 ID : 1151354932  
Option 3 ID : 1151354929  
Option 4 ID : 1151354930  
Status : Answered  
Chosen Option : 4

**Q.89** In February 2022, Sports Authority of India (SAI) have established a Para Centre under National Centre of Excellence (NCOE) Scheme at which of the following SAI Regional Centres?

- Ans**
- ☒ 1. Lucknow
  - ☒ 2. Bhopal
  - ☒ 3. Mumbai
  - ☒ 4. Gandhinagar

Question ID : 1151352508

Option 1 ID : 11513510030

Option 2 ID : 11513510032

Option 3 ID : 11513510029

Option 4 ID : 11513510031

Status : Not Answered

Chosen Option : --

**Q.90** Which style of singing is traditionally performed by men with tanpura and pakhawaj as instrumental accompaniments?

- Ans**
- ☒ 1. Tarana
  - ☒ 2. Thumri
  - ☒ 3. Dhrupad
  - ☒ 4. Ghazal

Question ID : 1151352550

Option 1 ID : 11513510197

Option 2 ID : 11513510200

Option 3 ID : 11513510199

Option 4 ID : 11513510198

Status : Not Answered

Chosen Option : --

**Q.91** Few people are sitting in a straight row facing north. A is sixth to the left of C. D is in fourth position to the right of A. Exactly two people are sitting between H and A. B is fourth to the right of C. E is an immediate neighbour of both D and C. F is second to the left of E. C is eighth from the right end. There are exactly six persons sitting between G and F. G is third from one of the extreme ends. How many people are sitting in the row in total?

- Ans**
- ☒ 1. 8
  - ☒ 2. 14
  - ☒ 3. 20
  - ☒ 4. 22

Question ID : 1151351014

Option 1 ID : 1151354053

Option 2 ID : 1151354054

Option 3 ID : 1151354055

Option 4 ID : 1151354056

Status : Not Answered

Chosen Option : --

**Q.92** Find k such that a 7-digit number 51032kk is divisible by 12.

- Ans**
- ☐ 1. 6
  - ☐ 2. 4
  - ☒ 3. 8
  - ☐ 4. 2

Question ID : 1151351239  
Option 1 ID : 1151354953  
Option 2 ID : 1151354954  
Option 3 ID : 1151354955  
Option 4 ID : 1151354956  
Status : Answered  
Chosen Option : 3

**Q.93** Chinook wind also known as 'snow eater' flows in which of the following continents?

- Ans**
- ☐ 1. Australia
  - ☐ 2. Asia
  - ☐ 3. Africa
  - ☒ 4. North America

Question ID : 1151352518  
Option 1 ID : 11513510072  
Option 2 ID : 11513510069  
Option 3 ID : 11513510071  
Option 4 ID : 11513510070  
Status : Not Answered  
Chosen Option : --

**Q.94** Two cubes, each having the length of each side as 8 cm, are joined to form a cuboid. What will be the total surface area of the cuboid?

- Ans**
- ☐ 1.  $704 \text{ cm}^2$
  - ☒ 2.  $640 \text{ cm}^2$
  - ☐ 3.  $768 \text{ cm}^2$
  - ☐ 4.  $576 \text{ cm}^2$

Question ID : 1151351225  
Option 1 ID : 1151354900  
Option 2 ID : 1151354899  
Option 3 ID : 1151354898  
Option 4 ID : 1151354897  
Status : Answered  
Chosen Option : 4

**Q.95** Which of the following states in general receives maximum proportion of its rainfall from northeast monsoon rainfall?

- Ans**
- ☒ 1. Gujarat
  - ☒ 2. Uttar Pradesh
  - ☒ 3. Tamil Nadu
  - ☒ 4. Punjab

Question ID : 1151352515  
Option 1 ID : 11513510059  
Option 2 ID : 11513510057  
Option 3 ID : 11513510058  
Option 4 ID : 11513510060  
Status : Not Answered  
Chosen Option : --

**Q.96** The product of 15% of A and 35% of B, when divided by 21% of C gives 37 as the answer. What will be the answer if the product of A and B is divided by C?

- Ans**
- ☒ 1. 111
  - ☒ 2. 185
  - ☒ 3. 148
  - ☒ 4. 74

Question ID : 1151351228  
Option 1 ID : 1151354911  
Option 2 ID : 1151354909  
Option 3 ID : 1151354910  
Option 4 ID : 1151354912  
Status : Answered  
Chosen Option : 3

**Q.97** Find the average of 45% of 70 and 35% of 110.

- Ans**
- ☒ 1. 34.5
  - ☒ 2. 35
  - ☒ 3. 37.5
  - ☒ 4. 35.5

Question ID : 1151351236  
Option 1 ID : 1151354942  
Option 2 ID : 1151354944  
Option 3 ID : 1151354941  
Option 4 ID : 1151354943  
Status : Answered  
Chosen Option : 2

Q.98 Evaluate:

$$\frac{0.4 \times 0.4 \times 0.4 + 0.05 \times 0.05 \times 0.05}{0.8 \times 0.8 \times 0.8 + 0.1 \times 0.1 \times 0.1}$$

Ans

✗ 1.  $\frac{1}{7}$

✗ 2.  $\frac{1}{4}$

✓ 3.  $\frac{1}{8}$

✗ 4.  $\frac{1}{10}$

Question ID : 1151351232

Option 1 ID : 1151354928

Option 2 ID : 1151354927

Option 3 ID : 1151354925

Option 4 ID : 1151354926

Status : Not Answered

Chosen Option : --

Q.99 The given question is based on the following series of letters, numbers and symbols.

(Left) G 6 Y S V R 7 % @ S 5 4 D W L + 2 M 9 £ (Right)

Which element is fifth to the left of the thirteenth element from the left?

Ans

✗ 1. R

✓ 2. %

✗ 3. @

✗ 4. S

Question ID : 1151351026

Option 1 ID : 1151354103

Option 2 ID : 1151354101

Option 3 ID : 1151354102

Option 4 ID : 1151354104

Status : Answered

Chosen Option : 2

Q.100 The National Tribal Dance Festival 2021 was held in which city?

Ans

✓ 1. Raipur

✗ 2. Bhubaneshwar

✗ 3. Guwahati

✗ 4. Kolkata

Question ID : 1151352511

Option 1 ID : 11513510044

Option 2 ID : 11513510043

Option 3 ID : 11513510041

Option 4 ID : 11513510042

Status : Not Answered

Chosen Option : --

**Q.101** Rishu went 5 km towards the west from her house. From here, she turned left and covered a distance of 4 km. She took a left turn again and covered a distance of 5 km. She finally turned right and travelled 3 km and stopped. What is the shortest distance between the point where she stopped and her house? (All turns are  $90^\circ$  turns only)

- Ans**
- ✓ 1. 7 km
  - ✗ 2. 12 km
  - ✗ 3. 10 km
  - ✗ 4. 8 km

Question ID : 1151351030  
Option 1 ID : 1151354117  
Option 2 ID : 1151354120  
Option 3 ID : 1151354119  
Option 4 ID : 1151354118  
Status : **Answered**  
Chosen Option : 1

**Q.102** Number A is eight times as large as number B. By what percentage is number B less than number A?

- Ans**
- ✓ 1. 87.5%
  - ✗ 2. 20%
  - ✗ 3. 80%
  - ✗ 4. 12.5%

Question ID : 1151351246  
Option 1 ID : 1151354982  
Option 2 ID : 1151354983  
Option 3 ID : 1151354981  
Option 4 ID : 1151354984  
Status : **Answered**  
Chosen Option : 1

**Q.103** Select the number from among the given options that can replace the question mark (?) in the following series.

0, 7, 26, 63, ?, 215

- Ans**
- ✗ 1. 216
  - ✓ 2. 124
  - ✗ 3. 74
  - ✗ 4. 80

Question ID : 1151351031  
Option 1 ID : 1151354122  
Option 2 ID : 1151354121  
Option 3 ID : 1151354123  
Option 4 ID : 1151354124  
Status : **Answered**  
Chosen Option : 2

**Q.104** Which one of the following is a characteristic of Green Revolution in India?

**Ans** ☒ 1. Considerable rise in the production of quantity of apples

☒ 2.

Increased and appropriate application of chemical fertilizers for increasing agricultural production.

☒ 3. Collection of quality milk from members in rural areas;

☒ 4. Steady and assured supply of poultry products.

Question ID : 1151352535

Option 1 ID : 11513510140

Option 2 ID : 11513510137

Option 3 ID : 11513510138

Option 4 ID : 11513510139

Status : **Answered**

Chosen Option : 2

**Q.105** \_\_\_\_\_ is an exclusive martial dance form of Manipur that includes unique display of skill, creativity and agility in which the performers enact a mock fight sequence

**Ans** ☒ 1. Singhi Chamm

☒ 2. Chakyar Koothu

☒ 3. Rangama

☒ 4. Thang Ta

Question ID : 1151352546

Option 1 ID : 11513510181

Option 2 ID : 11513510184

Option 3 ID : 11513510182

Option 4 ID : 11513510183

Status : **Not Answered**

Chosen Option : --

**Q.106** Who is the ex- officio Chairman of the Council of States as per the Constitution of India?

**Ans** ☒ 1. The Governor

☒ 2. The Vice President

☒ 3. The President

☒ 4. The Prime Minister

Question ID : 1151352525

Option 1 ID : 11513510100

Option 2 ID : 11513510099

Option 3 ID : 11513510097

Option 4 ID : 11513510098

Status : **Answered**

Chosen Option : 4



**Q.107** Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

CBDD, EBBB, ?, IBXD, KBVD

- Ans
- ☒ 1. HCYE
  - ☒ 2. GCZD
  - ☒ 3. GBZD
  - ☒ 4. GCZF

Question ID : 1151351016  
Option 1 ID : 1151354064  
Option 2 ID : 1151354062  
Option 3 ID : 1151354063  
Option 4 ID : 1151354061  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.108** Ten people are sitting in two parallel rows 1 and 2. A, B, C, D and E are sitting in row 1 facing the South and V, W, X, Y and Z are sitting in row 2 facing the North, in such a way that each member in row 1 faces a member of row 2. W sits at the extreme left end of the row. W faces an immediate neighbour of B. C sits at one of the positions to the left of B but not at the extreme end of the row. The one who faces C sits to the immediate left of Y. D sits third to the right of A. V sits to the immediate right of X. Who faces Z?

- Ans
- ☒ 1. D
  - ☒ 2. E
  - ☒ 3. B
  - ☒ 4. A

Question ID : 1151351025  
Option 1 ID : 1151354098  
Option 2 ID : 1151354099  
Option 3 ID : 1151354100  
Option 4 ID : 1151354097  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.109** According to World Bank, which of the following countries had almost no rural population in the year 2020?

- Ans
- ☒ 1. Australia
  - ☒ 2. Switzerland
  - ☒ 3. Kuwait
  - ☒ 4. Israel

Question ID : 1151352520  
Option 1 ID : 11513510078  
Option 2 ID : 11513510080  
Option 3 ID : 11513510079  
Option 4 ID : 11513510077  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.110** Which two countries conducted the first bilateral tri-service exercise 'Konkan Shakti 2021'?

- Ans**
- ☒ 1. India and Maldives
  - ☒ 2. Indonesia and India
  - ☒ 3. Russia and India
  - ☒ 4. India and the UK

Question ID : 1151352514

Option 1 ID : 11513510056

Option 2 ID : 11513510054

Option 3 ID : 11513510055

Option 4 ID : 11513510053

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

Chosen Option : --

**Q.111** Which of the following allotropes of carbon is the hardest natural substance known that has a very high melting and boiling point?

- Ans**
- ☒ 1. Fullerenes
  - ☒ 2. Diamond
  - ☒ 3. Dry ice
  - ☒ 4. Graphite

Question ID : 1151352539

Option 1 ID : 11513510154

Option 2 ID : 11513510156

Option 3 ID : 11513510155

Option 4 ID : 11513510153

Status : **Answered**

Chosen Option : 2

**Q.112** Which among the following is NOT a work to be consulted for the history of Mughal India?

- Ans**
- ☒ 1. Shahnameh
  - ☒ 2. Shahjahan Nama
  - ☒ 3. Akbar Nama
  - ☒ 4. Alamgir Nama

Question ID : 1151352543

Option 1 ID : 11513510171

Option 2 ID : 11513510170

Option 3 ID : 11513510169

Option 4 ID : 11513510172

Status : **Answered**

Chosen Option : 1

**Q.113** If '<' means '-', '>' means '+', '&' means '×', and '@' means '+', then what would be the value of the following expression?

$$119 < 56 @ 4 > 23 \& 2$$

- Ans**
- ☒ 1. 231
  - ☒ 2. 151
  - ☒ 3. 191
  - ☒ 4. 202

Question ID : 1151351033  
 Option 1 ID : 1151354131  
 Option 2 ID : 1151354130  
 Option 3 ID : 1151354132  
 Option 4 ID : 1151354129  
 Status : Answered  
 Chosen Option : 2

**Q.114** If diameter of a circle is 16 m, then what is the area of the circle?

- Ans**
- ☒ 1.  $128 \pi \text{ m}^2$
  - ☒ 2.  $256\pi \text{ m}^2$
  - ☒ 3.  $96 \pi \text{ m}^2$
  - ☒ 4.  $64\pi \text{ m}^2$

Question ID : 1151351217  
 Option 1 ID : 1151354867  
 Option 2 ID : 1151354865  
 Option 3 ID : 1151354866  
 Option 4 ID : 1151354868  
 Status : Answered  
 Chosen Option : 4

**Q.115** In a certain code language,  
 'we can sing' is coded as 'pd ns ca',  
 'sing new songs' is coded as 'io uv ca',  
 'can join new' is coded as 'km uv pd'.  
 (Note: All codes are two letter codes only)

What is the probable code for 'we join' in the given code language?

- Ans**
- ☒ 1. uv km
  - ☒ 2. ns pd
  - ☒ 3. km ns
  - ☒ 4. pd uv

Question ID : 1151351036  
 Option 1 ID : 1151354144  
 Option 2 ID : 1151354143  
 Option 3 ID : 1151354141  
 Option 4 ID : 1151354142  
 Status : Answered  
 Chosen Option : 3

**Q.116** The surface area of a sphere is  $38.5 \text{ cm}^2$ . Find the radius of the sphere. [Use  $\pi = \frac{22}{7}$ ]

- Ans**
- ☒ 1. 1.4 cm
  - ☒ 2. 1.75 cm
  - ☒ 3. 1.5 cm
  - ☒ 4. 1.8 cm

Question ID : 1151351216  
 Option 1 ID : 1151354861  
 Option 2 ID : 1151354863  
 Option 3 ID : 1151354862  
 Option 4 ID : 1151354864  
 Status : Answered  
 Chosen Option : 2

**Q.117** A tourist group plans to visit six places A, B, C, D, E and F on different days of the same week (starting on Monday and ending on Saturday) during their tour. They visited place D on Monday. They visited only one place between visiting place B and place D. They visited place F the immediate next day of visiting place C. They neither visited place C nor place A on Thursday. On which day did they visit place E?

- Ans**
- ☒ 1. Friday
  - ☒ 2. Saturday
  - ☒ 3. Thursday
  - ☒ 4. Tuesday

Question ID : 1151351018  
 Option 1 ID : 1151354072  
 Option 2 ID : 1151354071  
 Option 3 ID : 1151354069  
 Option 4 ID : 1151354070  
 Status : Not Answered  
 Chosen Option : --

**Q.118** Select the correct conclusion that could be drawn from the given expression.

$$F \leq E < C = V > A \geq Y > N$$

- Ans**
- ☒ 1.  $E > Y$
  - ☒ 2.  $N < V$
  - ☒ 3.  $F = V$
  - ☒ 4.  $V < Y$

Question ID : 1151351019  
 Option 1 ID : 1151354075  
 Option 2 ID : 1151354073  
 Option 3 ID : 1151354074  
 Option 4 ID : 1151354076  
 Status : Answered  
 Chosen Option : 2

**Q.119** Which Article of the Indian Constitution is related with the Right of President to address and send messages to Houses?

- Ans
- ☒ 1. Article 88
  - ☒ 2. Article 84
  - ☒ 3. Article 90
  - ☒ 4. Article 86

Question ID : 1151352529

Option 1 ID : 11513510115

Option 2 ID : 11513510116

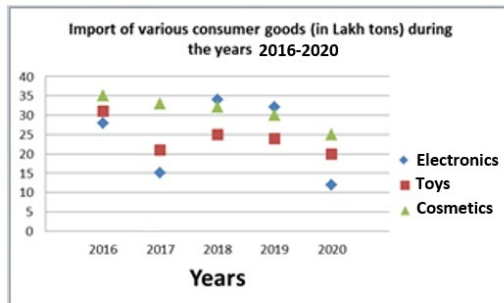
Option 3 ID : 11513510113

Option 4 ID : 11513510114

Status : Not Answered

Chosen Option : --

**Q.120** The given chart represents the import of various consumer goods (in Lakh tons) during the years 2016 - 2020.



What is the ratio of the number of cosmetics imported in years 2016 and 2020 together to that of toys in the year 2018 and 2020 together?

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

Question ID : 1151351040

Option 1 ID : 1151354157

Option 2 ID : 1151354158

Option 3 ID : 1151354159

Option 4 ID : 1151354160

Status : Answered

Chosen Option : 3