



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS



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

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Test Date	22/02/2021
Test Time	10:30 AM - 12:00 PM
Subject	NTPC

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark.

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : NTPC

Q.1 Three straight lines $x + y - 3 = 0$, $x + y + 2 = 0$ and $3x + 3y - 7 = 0$ are:

- Ans
- ☒ 1. intersecting each other
 - ☒ 2. concurrent
 - ☒ 3. perpendicular
 - ☒ 4. parallel

Question ID : 9489116570

Option 1 ID : 94891126279

Option 2 ID : 94891126278

Option 3 ID : 94891126280

Option 4 ID : 94891126277

Status : Answered

Chosen Option : 2

Q.2 Find the value of $7500 + (1250 \div 50)$.

- Ans
- ☐ 1. 6575
 - ☐ 2. 300
 - ☐ 3. 175
 - ☒ 4. 7525

Question ID : 9489116548
Option 1 ID : 94891126191
Option 2 ID : 94891126190
Option 3 ID : 94891126189
Option 4 ID : 94891126192

Status : Answered

Chosen Option : 4

Q.3 During which of the following movements did Mahatma Gandhi give the slogan 'Do or Die'?

- Ans
- ☐ 1. The Home Rule Movement
 - ☐ 2. The Non-Cooperation Movement
 - ☒ 3. Quit India Movement
 - ☐ 4. Ghadar Movement

Question ID : 9489116918
Option 1 ID : 94891127671
Option 2 ID : 94891127670
Option 3 ID : 94891127669
Option 4 ID : 94891127672

Status : Answered

Chosen Option : 3

Q.4 If B and C are brothers, A is the sister of C, O is the daughter of D, D is the wife of B, E is the mother of A and the wife of F, then how is O related to F?

- Ans
- ☐ 1. Mother's father
 - ☐ 2. Mother's brother
 - ☐ 3. Daughter's daughter
 - ☒ 4. Son's daughter

Question ID : 9489117175
Option 1 ID : 94891128697
Option 2 ID : 94891128700
Option 3 ID : 94891128698
Option 4 ID : 94891128699

Status : Answered

Chosen Option : 4

Q.5 A nurse dressing the wound of a boy in a clinic is asked by her colleague how that boy is related to her. She replies, "My maternal uncle and the maternal uncle of his maternal uncle are the same." How is that boy related to the nurse?

- Ans**
- ☒ 1. Brother
 - ☒ 2. Brother's Son
 - ☒ 3. Paternal Aunt
 - ☒ 4. Son

Question ID : 9489117174
Option 1 ID : 94891128695
Option 2 ID : 94891128696
Option 3 ID : 94891128693
Option 4 ID : 94891128694
Status : Answered
Chosen Option : 1

Q.6 There are six members in a family, named A, B, C, D, E and F. B is the wife of C. A is the son of E, E is the brother of C, D is the sister of A. B is the daughter-in-law of F. How is E related to D?

- Ans**
- ☒ 1. Daughter
 - ☒ 2. Sister
 - ☒ 3. Aunt
 - ☒ 4. Father

Question ID : 9489117177
Option 1 ID : 94891128705
Option 2 ID : 94891128707
Option 3 ID : 94891128708
Option 4 ID : 94891128706
Status : Answered
Chosen Option : 4

Q.7 Who has taken over as the new CEO of the Railway Board on 1st Jan 2021?

- Ans**
- ☒ 1. Piyush Goyal
 - ☒ 2. V K Yadav
 - ☒ 3. Ashutosh Gangal
 - ☒ 4. Suneet Sharma

Question ID : 9489116905
Option 1 ID : 94891127619
Option 2 ID : 94891127617
Option 3 ID : 94891127620
Option 4 ID : 94891127618
Status : Answered
Chosen Option : 4

Q.8 The position of the point (1, 2) with respect to the circle

$$x^2 + y^2 - 3x - 4y + 1 = 0 :$$

- Ans
- ☒ 1. lies on the circle
 - ☒ 2. cannot be decided
 - ☒ 3. lies outside the circle
 - ☒ 4. lies inside the circle

Question ID : 9489116571
Option 1 ID : 94891126282
Option 2 ID : 94891126284
Option 3 ID : 94891126283
Option 4 ID : 94891126281
Status : Answered
Chosen Option : 2

Q.9 Which of the following statements is correct?

- Ans
- ☒ 1.
The Council of Ministers of a State is collectively responsible to the Legislative Council of the State.
 - ☒ 2.
The Council of Ministers of a State is collectively responsible to the Council of States.
 - ☒ 3.
The Council of Ministers of a State is collectively responsible to the Vice-President.
 - ☒ 4.
The Council of Ministers of a State is collectively responsible to the Legislative Assembly of the State.

Question ID : 9489116927
Option 1 ID : 94891127705
Option 2 ID : 94891127707
Option 3 ID : 94891127708
Option 4 ID : 94891127706
Status : Answered
Chosen Option : 1

Q.10 India's first national academy for music, dance and drama was:

- Ans
- ☒ 1. Sangeet Natak Akademi
 - ☒ 2. Bharat Kala Kendra
 - ☒ 3. Sangeet Kala Manch
 - ☒ 4. The Academy for Arts and Dance

Question ID : 9489116909
Option 1 ID : 94891127633
Option 2 ID : 94891127636
Option 3 ID : 94891127635
Option 4 ID : 94891127634
Status : Answered
Chosen Option : 2

Q.11 If the first term of a geometric progression is 2 and the common ratio is 3, then what will be the fifth term of the geometric progression?

- Ans**
- ☒ 1. 243
 - ☒ 2. 324
 - ☒ 3. 81
 - ☒ 4. 162

Question ID : 9489116566

Option 1 ID : 94891126263

Option 2 ID : 94891126264

Option 3 ID : 94891126261

Option 4 ID : 94891126262

Status : Answered

Chosen Option : 3

Q.12 Two numbers are in the ratio 9 : 5. If 9 is added to the greater number and 5 is subtracted from the smaller number, the greater number becomes thrice the smaller one. Find the numbers.

- Ans**
- ☒ 1. 36, 10
 - ☒ 2. 72, 40
 - ☒ 3. 18, 10
 - ☒ 4. 36, 20

Question ID : 9489116560

Option 1 ID : 94891126240

Option 2 ID : 94891126237

Option 3 ID : 94891126238

Option 4 ID : 94891126239

Status : Answered

Chosen Option : 4

Q.13 In a class of 40 students the number of girls is three fifths of the number of boys. Then find the number of boys in the class.

- Ans**
- ☒ 1. 18
 - ☒ 2. 25
 - ☒ 3. 14
 - ☒ 4. 15

Question ID : 9489116546

Option 1 ID : 94891126181

Option 2 ID : 94891126184

Option 3 ID : 94891126183

Option 4 ID : 94891126182

Status : Answered

Chosen Option : 2

Q.14 If 24 men can complete a piece of work in 15 days working 8 h per day, then how many men will be required to complete the same work in 10 days working 6 h per day?

- Ans
- ☒ 1. 32
 - ☒ 2. 30
 - ☒ 3. 48
 - ☒ 4. 60

Question ID : 9489116561

Option 1 ID : 94891126241

Option 2 ID : 94891126244

Option 3 ID : 94891126243

Option 4 ID : 94891126242

Status : Answered

Chosen Option : 3

Q.15 What is the full form of BARC?

- Ans
- ☒ 1. Bhabha Aromatic Research Center
 - ☒ 2. Bhabha Atomic Rehabilitation Center
 - ☒ 3. Bhabha Aerospace Research Center
 - ☒ 4. Bhabha Atomic Research Center

Question ID : 9489116930

Option 1 ID : 94891127719

Option 2 ID : 94891127720

Option 3 ID : 94891127718

Option 4 ID : 94891127717

Status : Answered

Chosen Option : 4

Q.16 The perimeter of the floor of a room is 18 m. What is the area of the walls of the room, if the height of the room is 3 m?

- Ans
- ☒ 1. 108 m²
 - ☒ 2. 21 m²
 - ☒ 3. 54 m²
 - ☒ 4. 42 m²

Question ID : 9489116564

Option 1 ID : 94891126256

Option 2 ID : 94891126253

Option 3 ID : 94891126255

Option 4 ID : 94891126254

Status : Answered

Chosen Option : 3

Q.17 _____ has three active forms: retinal, retinol and retinoic acid.

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

Question ID : 9489116911

Option 1 ID : 94891127642

Option 2 ID : 94891127641

Option 3 ID : 94891127644

Option 4 ID : 94891127643

Status : Answered

Chosen Option : 2

Q.18 The _____ Five-Year Plan of India completed its term in March 2017.

- Ans
- ☒ 1. 10th
 - ☒ 2. 12th
 - ☒ 3. 13th
 - ☒ 4. 11th

Question ID : 9489116939

Option 1 ID : 94891127753

Option 2 ID : 94891127755

Option 3 ID : 94891127756

Option 4 ID : 94891127754

Status : Answered

Chosen Option : 3

Q.19 The equation whose roots are -2 and 3 is:

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

Question ID : 9489116567

Option 1 ID : 94891126268

Option 2 ID : 94891126266

Option 3 ID : 94891126265

Option 4 ID : 94891126267

Status : Answered

Chosen Option : 1

Q.20 Solve the following.

$$1 + \frac{1 + \cos \theta}{\sin \theta} - \frac{\sin^2 \theta}{1 + \cos \theta} - \frac{\sin \theta}{1 - \cos \theta} = ?$$

Ans

- ☒ 1. $\cos \theta$
- ☐ 2. $-\cos \theta$
- ☐ 3. $\sin \theta$
- ☐ 4. $-\sin \theta$

Question ID : 9489116572

Option 1 ID : 94891126288

Option 2 ID : 94891126287

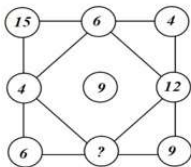
Option 3 ID : 94891126286

Option 4 ID : 94891126285

Status : Answered

Chosen Option : 4

Q.21



Select the number from among the given options that can replace the question mark (?) in the above figure.

Ans

- ☐ 1. 15
- ☐ 2. 33
- ☐ 3. 20
- ☒ 4. 10

Question ID : 9489117201

Option 1 ID : 94891128804

Option 2 ID : 94891128801

Option 3 ID : 94891128802

Option 4 ID : 94891128803

Status : Answered

Chosen Option : 1

Q.22 The image of the point (7, 8) when reflected along the x-axis is:

- Ans
- ☐ 1. (8, 7)
 - ☐ 2. (-7, -8)
 - ☐ 3. (-7, 8)
 - ☒ 4. (7, -8)

Question ID : 9489116569

Option 1 ID : 94891126276

Option 2 ID : 94891126275

Option 3 ID : 94891126274

Option 4 ID : 94891126273

Status : Answered

Chosen Option : 1

Q.23 Pointing towards a teacher sitting in the teacher's room, Paulo said to his friend, "She is the sister of the father of the sister of my brother. How is that teacher related to Paulo?"

- Ans
- ☐ 1. Maternal aunt
 - ☒ 2. Paternal aunt
 - ☐ 3. Grandmother
 - ☐ 4. Sister

Question ID : 9489117180

Option 1 ID : 94891128718

Option 2 ID : 94891128717

Option 3 ID : 94891128720

Option 4 ID : 94891128719

Status : Answered

Chosen Option : 2

Q.24 A man walking at the speed of 5km/h crosses a bridge in 15 min. The length of the bridge in metres is:

- Ans
- ☐ 1. 600
 - ☐ 2. 750
 - ☐ 3. 1000
 - ☒ 4. 1250

Question ID : 9489116562

Option 1 ID : 94891126245

Option 2 ID : 94891126247

Option 3 ID : 94891126246

Option 4 ID : 94891126248

Status : Answered

Chosen Option : 4

Q.25 What will be the simple interest earned on an amount of ₹16,800 in 9 months at the rate of $6\frac{1}{4}\%$ per annum?

- Ans**
- ☒ 1. ₹787.50
 - ☐ 2. ₹812.50
 - ☐ 3. ₹158
 - ☐ 4. ₹860

Question ID : 9489116556

Option 1 ID : 94891126221

Option 2 ID : 94891126222

Option 3 ID : 94891126224

Option 4 ID : 94891126223

Status : Answered

Chosen Option : 1

Q.26 Dandi March, the non-violent protest organised by Mahatma Gandhi against the British salt monopoly, culminated on:

- Ans**
- ☒ 1. 6th April 1930
 - ☐ 2. 4th April 1930
 - ☐ 3. 7th April 1930
 - ☐ 4. 5th April 1930

Question ID : 9489116921

Option 1 ID : 94891127683

Option 2 ID : 94891127681

Option 3 ID : 94891127684

Option 4 ID : 94891127682


Status : Answered


Chosen Option : 4


Q.27 Which of the following is the smallest fraction?

$$\frac{7}{6}, \frac{7}{9}, \frac{4}{5}, \frac{5}{7}$$

Ans

 1. $\frac{7}{6}$

 2. $\frac{4}{5}$

 3. $\frac{7}{9}$

 4. $\frac{5}{7}$

Question ID : 9489116551

Option 1 ID : 94891126201

Option 2 ID : 94891126203

Option 3 ID : 94891126202

Option 4 ID : 94891126204

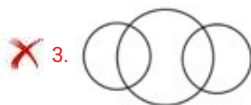
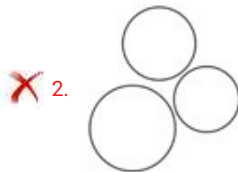
Status : Answered

Chosen Option : 4

Q.28 Which of the Venn diagrams shown below correctly represents the relationship:

Juice, Soft Drinks, Drinks

Ans



Question ID : 9489117196
Option 1 ID : 94891128783
Option 2 ID : 94891128782
Option 3 ID : 94891128781
Option 4 ID : 94891128784

Status : Answered

Chosen Option : 4

Q.29 A dealer marks his goods 10% above the cost price and allows 10% discount. What is his percentage gain or loss?

Ans

✓ 1. 1% loss

✗ 2. 10% loss

✗ 3. 10% gain

✗ 4. 1% gain

Question ID : 9489116558
Option 1 ID : 94891126231
Option 2 ID : 94891126232
Option 3 ID : 94891126229
Option 4 ID : 94891126230

Status : Answered

Chosen Option : 1

Q.30 If the cost price of six items is equal to the selling price of seven items, then what will be the percentage profit or loss?

- Ans
- ☒ 1. 7.14% loss
 - ☒ 2. 14.28% profit
 - ☒ 3. 9.09% loss
 - ☒ 4. 14.28% loss

Question ID : 9489116559

Option 1 ID : 94891126235

Option 2 ID : 94891126236

Option 3 ID : 94891126234

Option 4 ID : 94891126233

Status : Answered

Chosen Option : 4

Q.31 The present worth of ₹338 due in 2 years at 4% per annum compound interest is: _____

- Ans
- ☒ 1. ₹365.58
 - ☒ 2. ₹350.50
 - ☒ 3. ₹294.00
 - ☒ 4. ₹312.50

Question ID : 9489116557

Option 1 ID : 94891126228

Option 2 ID : 94891126225

Option 3 ID : 94891126226

Option 4 ID : 94891126227

Status : Answered

Chosen Option : 1

Q.32 Who among the following is known as the 'father of Indian Supercomputers'?

- Ans
- ☒ 1. Jayant Narlikar
 - ☒ 2. RA Mashelkar
 - ☒ 3. Nandan Nilkeni
 - ☒ 4. Vijay Bhatkar

Question ID : 9489116938

Option 1 ID : 94891127750

Option 2 ID : 94891127749

Option 3 ID : 94891127751

Option 4 ID : 94891127752

Status : Answered

Chosen Option : 4

Q.33 For which of the following fields did Marie Curie win the Nobel Prize?

- Ans ☒ 1. Physics and Chemistry
☐ 2. Physics and Astronomy
☐ 3. Physics and Meteorology
☐ 4. Chemistry and Biology

Question ID : 9489116931
Option 1 ID : 94891127723
Option 2 ID : 94891127721
Option 3 ID : 94891127724
Option 4 ID : 94891127722

Status : Answered
Chosen Option : 2

Q.34 SENSEX is an index of Bombay Stock Exchange's top _____ companies.

- Ans ☐ 1. 50
☐ 2. 100
☒ 3. 30
☐ 4. 40

Question ID : 9489116943
Option 1 ID : 94891127771
Option 2 ID : 94891127772
Option 3 ID : 94891127769
Option 4 ID : 94891127770

Status : Answered
Chosen Option : 2

Q.35 India's first struggle for independence started on 10th May 1857 at:

- Ans ☐ 1. Bareilly
☐ 2. Lucknow
☒ 3. Meerut
☐ 4. Allahabad

Question ID : 9489116917
Option 1 ID : 94891127666
Option 2 ID : 94891127667
Option 3 ID : 94891127668
Option 4 ID : 94891127665

Status : Answered
Chosen Option : 3

Q.36 If 40% of a number is 800 then the number is:

- Ans
- ☐ 1. 200
 - ☒ 2. 2000
 - ☐ 3. 400
 - ☐ 4. 800

Question ID : 9489116555

Option 1 ID : 94891126219

Option 2 ID : 94891126220

Option 3 ID : 94891126218

Option 4 ID : 94891126217

Status : Answered

Chosen Option : 2

Q.37 Which of the following is NOT an allotrope of Carbon?

- Ans
- ☐ 1. Diamond
 - ☒ 2. Carbon dioxide
 - ☐ 3. Graphite
 - ☐ 4. Fullerenes

Question ID : 9489116914

Option 1 ID : 94891127653

Option 2 ID : 94891127654

Option 3 ID : 94891127655

Option 4 ID : 94891127656

Status : Answered

Chosen Option : 4

Q.38 A school collected ₹2,601 as fees from its students. If the fees paid by each student and the number of students in the school were equal, then how many students were there in the school?

- Ans
- ☐ 1. 39
 - ☐ 2. 49
 - ☒ 3. 51
 - ☐ 4. 61

Question ID : 9489116544

Option 1 ID : 94891126175

Option 2 ID : 94891126174

Option 3 ID : 94891126173

Option 4 ID : 94891126176

Status : Answered

Chosen Option : 1

Q.39 In which of the following cities is the Indian National Centre for Ocean Information Services (INCOIS) located?

- Ans
- ☐ 1. New Delhi
 - ☐ 2. Chennai
 - ☐ 3. Kolkata
 - ☒ 4. Hyderabad

Question ID : 9489116923

Option 1 ID : 94891127692

Option 2 ID : 94891127689

Option 3 ID : 94891127690

Option 4 ID : 94891127691

Status : Answered

Chosen Option : 3

Q.40 Bleaching powder is NOT used for:

- Ans
- ☐ 1. oxidising chemicals
 - ☒ 2. preparing bread
 - ☐ 3. bleaching cotton
 - ☐ 4. disinfecting water

Question ID : 9489116913

Option 1 ID : 94891127650

Option 2 ID : 94891127652

Option 3 ID : 94891127649

Option 4 ID : 94891127651

Status : Answered

Chosen Option : 2

Q.41 If $y = 5$, then what will be the value of $10y\sqrt{y^3 - y^2}$?

- Ans
- ☐ 1. 100
 - ☒ 2. 500
 - ☐ 3. $50\sqrt{2}$
 - ☐ 4. $200\sqrt{5}$

Question ID : 9489116547

Option 1 ID : 94891126186

Option 2 ID : 94891126188

Option 3 ID : 94891126185

Option 4 ID : 94891126187

Status : Answered

Chosen Option : 2

Q.42 Who among the following has the power to grant pardons under Article 161 of the Constitution of India?

- Ans**
- ☒ 1. Prime Minister
 - ☒ 2. Chief Justice of India
 - ☒ 3. President
 - ☒ 4. Governor

Question ID : 9489116928

Option 1 ID : 94891127711

Option 2 ID : 94891127712

Option 3 ID : 94891127709

Option 4 ID : 94891127710

Status : Answered

Chosen Option : 3

Q.43 What is the lubricating fluid found between the two bones at a movable joint called?

- Ans**
- ☒ 1. Synovial fluid
 - ☒ 2. Amniotic fluid
 - ☒ 3. Interstitial fluid
 - ☒ 4. Cerebrospinal fluid

Question ID : 9489116916

Option 1 ID : 94891127661

Option 2 ID : 94891127662

Option 3 ID : 94891127663

Option 4 ID : 94891127664

Status : Answered

Chosen Option : 4

Q.44 Who wrote 'Ain-i-Akbari'? It is a 16th-century detailed document recording the administration of the Mughal Empire under Emperor Akbar.

- Ans**
- ☒ 1. Mulla Shah
 - ☒ 2. Abdur Rahim
 - ☒ 3. Abul Fazl
 - ☒ 4. Haji Ibrahim

Question ID : 9489116919

Option 1 ID : 94891127675

Option 2 ID : 94891127674

Option 3 ID : 94891127673

Option 4 ID : 94891127676

Status : Answered

Chosen Option : 3

Q.45 The Satyagraha Sabha was founded in February 1919 by:

- Ans
- ☐ 1. Abdul Ghaffar Khan
 - ☐ 2. Motilal Nehru
 - ☐ 3. Subhash Chandra Bose
 - ☒ 4. Mohandas Karamchand Gandhi

Question ID : 9489116920

Option 1 ID : 94891127678

Option 2 ID : 94891127680

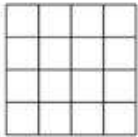
Option 3 ID : 94891127677

Option 4 ID : 94891127679

Status : Answered

Chosen Option : 4

Q.46 How many of squares are there in a given illustration?



- Ans
- ☐ 1. 20
 - ☒ 2. 30
 - ☐ 3. 23
 - ☐ 4. 17

Question ID : 9489117199

Option 1 ID : 94891128795

Option 2 ID : 94891128793

Option 3 ID : 94891128796

Option 4 ID : 94891128794

Status : Answered

Chosen Option : 3


Q.47 The \square represents a set of calculations that are common across all the given equations. Identify the calculations involved and solve the third equation on the same basis:


$$25 \square 36 = 5; 6; 11$$


$$100 \square 64 = 10; 8; 18$$

$$36 \square 81 = ?; ?; ?$$

Ans  1. 9; 9; 117

 2. 10; 6; 4

 3. 4; 11; 18

 4. 6; 9; 15

Question ID : 9489117187

Option 1 ID : 94891128747

Option 2 ID : 94891128746

Option 3 ID : 94891128748


Option 4 ID : 94891128745

Status : Answered


Chosen Option : 4

Q.48 The Great Victoria Desert is located in:

Ans  1. The United Kingdom

 2. South Africa

 3. The United States

 4. Australia

Question ID : 9489116922

Option 1 ID : 94891127686

Option 2 ID : 94891127687

Option 3 ID : 94891127685

Option 4 ID : 94891127688


Status : Answered


Chosen Option : 1

Q.49 Power Alcohol is a mixture of _____ and ethyl alcohol.

Ans  1. diesel

 2. petrol

 3. kerosene

 4. mustard

Question ID : 9489116915

Option 1 ID : 94891127659

Option 2 ID : 94891127657

Option 3 ID : 94891127658

Option 4 ID : 94891127660

Status : Answered

Chosen Option : 4

Q.50 What number must be subtracted from both the numerator and denominator of the fraction $\frac{15}{19}$ so as to make it $\frac{3}{4}$?

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

Question ID : 9489116554

Option 1 ID : 94891126214

Option 2 ID : 94891126216

Option 3 ID : 94891126215

Option 4 ID : 94891126213

Status : Answered

Chosen Option : 4

Q.51 Who among the following won the 'Player of the Match' award at the final of the ICC Cricket World Cup 2019?

- Ans**
- ☒ 1. Ben Stokes
 - ☒ 2. Eoin Morgan
 - ☒ 3. Mitchell Starc
 - ☒ 4. James Neesham

Question ID : 9489116904

Option 1 ID : 94891127613

Option 2 ID : 94891127614

Option 3 ID : 94891127615

Option 4 ID : 94891127616

Status : Answered

Chosen Option : 1

Q.52 What is the mean of the data 2, 5, 4, 1, 8?

- Ans**
- ☒ 1. 5
 - ☒ 2. 4
 - ☒ 3. 20
 - ☒ 4. 3

Question ID : 9489116568

Option 1 ID : 94891126271

Option 2 ID : 94891126270

Option 3 ID : 94891126272

Option 4 ID : 94891126269

Status : Answered

Chosen Option : 2

Q.53 Which of the following was Asia's first supercomputer?

- Ans
1. PARAM
 2. CRAY-3
 3. HITAC S-300
 4. EKA

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.





Question ID : 9489116936
Option 1 ID : 94891127741
Option 2 ID : 94891127743
Option 3 ID : 94891127744
Option 4 ID : 94891127742
Status : Answered
Chosen Option : 3

Q.54 Rahul has a deadline for a project in just two days and he has not yet started working on his project.

Based on the following courses of action, select the correct one.

Courses of action:

- (i) He must immediately read a book on time management to avoid such problems in the future.
- (ii) He must manage his time efficiently and start his project without delay.
- (iii) He must plan a layout of his project first and then start following that layout.

- Ans
-  1. Only (ii) is correct
 -  2. Only (i) is correct
 -  3. Only (i) and (ii) are correct
 -  4. Only (ii) and (iii) are correct

Question ID : 9489117182
Option 1 ID : 94891128726
Option 2 ID : 94891128725
Option 3 ID : 94891128728
Option 4 ID : 94891128727
Status : Answered
Chosen Option : 4

Q.55 In Brazil, coffee plantations are known as:

- Ans
- ☒ 1. Miranda
 - ☒ 2. Fazenda
 - ☒ 3. Torino
 - ☒ 4. Tarzana

Question ID : 9489116925
Option 1 ID : 94891127697
Option 2 ID : 94891127698
Option 3 ID : 94891127700
Option 4 ID : 94891127699

Status : Answered

Chosen Option : 1

Q.56 United Nations was established in:

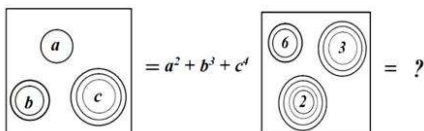
- Ans
- ☒ 1. 1945
 - ☒ 2. 1946
 - ☒ 3. 1944
 - ☒ 4. 1947

Question ID : 9489116933
Option 1 ID : 94891127730
Option 2 ID : 94891127731
Option 3 ID : 94891127729
Option 4 ID : 94891127732

Status : Answered

Chosen Option : 1

Q.57 Identify the number that will replace the question mark (?) in the second equation based on the relationship represented in the first equation.



- Ans
- ☒ 1. 36
 - ☒ 2. 329
 - ☒ 3. 79
 - ☒ 4. 420

Question ID : 9489117184
Option 1 ID : 94891128734
Option 2 ID : 94891128736
Option 3 ID : 94891128733
Option 4 ID : 94891128735

Status : Answered

Chosen Option : 2

Q.58 Which of the following is NOT included in UNESCO's list of World Heritage Sites in India?

- Ans
- ☐ 1. Khajuraho
 - ☐ 2. Bhimbetka
 - ☐ 3. Sanchi
 - ☒ 4. Anand Bhavan

Question ID : 9489116910

Option 1 ID : 94891127637

Option 2 ID : 94891127639

Option 3 ID : 94891127638

Option 4 ID : 94891127640

Status : Answered

Chosen Option : 4

Q.59 The river that is known as Jamuna in Bangladesh is called _____ in India.

- Ans
- ☐ 1. Narmada
 - ☒ 2. Brahmaputra
 - ☐ 3. Ganga
 - ☐ 4. Sindhu

Question ID : 9489116926

Option 1 ID : 94891127704

Option 2 ID : 94891127702

Option 3 ID : 94891127701

Option 4 ID : 94891127703

Status : Answered

Chosen Option : 3

Q.60 What is the HCF of n and $n + 1$ where n is a natural number?

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

Question ID : 9489116550

Option 1 ID : 94891126198

Option 2 ID : 94891126197

Option 3 ID : 94891126200

Option 4 ID : 94891126199

Status : Answered

Chosen Option : 4

Q.61 With which of the following instruments is Hariprasad Chaurasia associated?

- Ans
- ☐ 1. Violin
 - ☐ 2. Tabla
 - ☒ 3. Flute
 - ☐ 4. Drum

Question ID : 9489116908

Option 1 ID : 94891127629

Option 2 ID : 94891127632

Option 3 ID : 94891127631

Option 4 ID : 94891127630

Status : Answered

Chosen Option : 3

Q.62 Since July 2016, World Trade Organisation (WTO) has _____ members.

- Ans
- ☐ 1. 161
 - ☐ 2. 162
 - ☒ 3. 164
 - ☐ 4. 163

Question ID : 9489116934

Option 1 ID : 94891127733

Option 2 ID : 94891127734

Option 3 ID : 94891127736

Option 4 ID : 94891127735

Status : Answered

Chosen Option : 1

Q.63 Find the least number, which is exactly divisible by 12, 15, and 18.

- Ans
- ☐ 1. 160
 - ☐ 2. 120
 - ☒ 3. 180
 - ☐ 4. 240

Question ID : 9489116545

Option 1 ID : 94891126180

Option 2 ID : 94891126178

Option 3 ID : 94891126179

Option 4 ID : 94891126177

Status : Answered

Chosen Option : 3

Q.64 What is the full form of AIDS?

- Ans ☒ 1. Acquired Immune Deficiency Syndrome
☐ 2. Acute Immune Deficit Syndrome
☐ 3. Acute Immune Deficiency Syndrome
☐ 4. Acquired Immune Deficit Syndrome

Question ID : 9489116912

Option 1 ID : 94891127645

Option 2 ID : 94891127648

Option 3 ID : 94891127647

Option 4 ID : 94891127646

Status : Answered

Chosen Option : 1

Q.65 There are 6 contestants in a beauty pageant. Model Q is taller than model A but shorter than model E. Model X is not as tall as model E but is taller than model I. Model F is taller than model I but shorter than model Q. Who among the following is the tallest?

- Ans ☐ 1. Model Q
☒ 2. Model E
☐ 3. Model F
☐ 4. Model A

Question ID : 9489117202

Option 1 ID : 94891128805

Option 2 ID : 94891128808

Option 3 ID : 94891128806

Option 4 ID : 94891128807

Status : Answered

Chosen Option : 2

Q.66 As per the Constitution of India, every person who is arrested and detained in custody shall be produced before the nearest magistrate within a period of _____ hours of such arrest, excluding the time necessary for the journey from the place of arrest to the court of the magistrate.

- Ans ☐ 1. 36
☐ 2. 12
☐ 3. 10
☒ 4. 24

Question ID : 9489116929

Option 1 ID : 94891127713

Option 2 ID : 94891127716

Option 3 ID : 94891127714

Option 4 ID : 94891127715

Status : Answered

Chosen Option : 4

Q.67 Pipe 1 can empty a tank in 6 h while pipe 2 can do so in 18 h. If both are working together, in how much time will they empty the full tank?

- Ans**
- ☒ 1. 10 h
 - ☒ 2. 5 h
 - ☒ 3. 9 h
 - ☒ 4. 4.5 h

Question ID : 9489116563

Option 1 ID : 94891126252

Option 2 ID : 94891126249

Option 3 ID : 94891126251

Option 4 ID : 94891126250

Status : Answered

Chosen Option : 4

Q.68 Find the median and the mode of the following data:

2, 3, 5, 7, 2, 3, 3, 5, 7 and 9.

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

Question ID : 9489116573

Option 1 ID : 94891126290

Option 2 ID : 94891126289

Option 3 ID : 94891126291

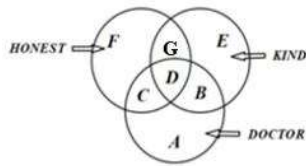
Option 4 ID : 94891126292

Status : Answered

Chosen Option : 2

Q.69 Study the following diagram and select the region that best represents the below statement

A doctor who is kind as well as honest



- Ans
- ☒ 1. C
 - ☒ 2. F
 - ☒ 3. B
 - ☒ 4. D

Question ID : 9489117197

Option 1 ID : 94891128787

Option 2 ID : 94891128785

Option 3 ID : 94891128788

Option 4 ID : 94891128786

Status : Answered

Chosen Option : 4

Q.70 Which of the following is NOT a computer programming language?

- Ans
- ☒ 1. Python
 - ☒ 2. Java
 - ☒ 3. C++
 - ☒ 4. Swift

Question ID : 9489116937

Option 1 ID : 94891127747

Option 2 ID : 94891127745

Option 3 ID : 94891127748

Option 4 ID : 94891127746

Status : Answered

Chosen Option : 4

Q.71 Four words have been given out of which three are alike in some manner, while the fourth one is different. Select the odd one.

- Ans
- ☒ 1. Time
 - ☒ 2. Century
 - ☒ 3. Year
 - ☒ 4. Decade

Question ID : 9489117194

Option 1 ID : 94891128776

Option 2 ID : 94891128774

Option 3 ID : 94891128775

Option 4 ID : 94891128773


Status : Answered


Chosen Option : 1


Q.72


Express the decimal number $3.12\bar{7}$ in fraction form.

Ans

 1. $\frac{281}{900}$

 2. $\frac{563}{180}$

 3. $\frac{180}{563}$

 4. $\frac{365}{180}$

Question ID : 9489116549

Option 1 ID : 94891126196

Option 2 ID : 94891126195

Option 3 ID : 94891126193

Option 4 ID : 94891126194


Status : Answered


Chosen Option : 2


Q.73


As of October 2020, the highest number of French Open tennis tournaments have been won by:

Ans

 1. Roger Federer

 2. Novak Djokovic

 3. Dominic Thiem

 4. Rafael Nadal

Question ID : 9489116907

Option 1 ID : 94891127628

Option 2 ID : 94891127627

Option 3 ID : 94891127625

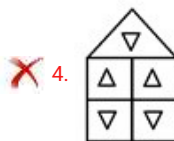
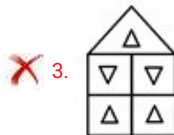
Option 4 ID : 94891127626

Status : Answered

Chosen Option : 4

Q.74 Three of the following figures are alike in a certain way and one is different. Which one is different?

Ans



Question ID : 9489117193

Option 1 ID : 94891128770

Option 2 ID : 94891128772

Option 3 ID : 94891128771


Option 4 ID : 94891128769

Status : Answered


Chosen Option : 2

Q.75 Identify the series that is different from the rest.

Ans

 1. 0.0016, 0.04, 0.2

 2. 243, 81, 27

 3. $\frac{1}{16}$, $\frac{1}{4}$, $\frac{1}{2}$

 4. 2401, 49, 7

Question ID : 9489117195

Option 1 ID : 94891128777

Option 2 ID : 94891128780

Option 3 ID : 94891128779

Option 4 ID : 94891128778

Status : Answered

Chosen Option : 2

Q.76 The _____ sector is the largest sector of India, contributing to a Gross Value Added (GVA) of ₹92.26 lakh crore in 2018-19.

- Ans** ☒ 1. Service
☒ 2. Construction
☒ 3. Manufacturing
☒ 4. Agriculture

Question ID : 9489116942

Option 1 ID : 94891127767

Option 2 ID : 94891127766

Option 3 ID : 94891127768

Option 4 ID : 94891127765

Status : Answered

Chosen Option : 4

Q.77 According to 2011 Census, the urban-rural population ratio in India was about:

- Ans** ☒ 1. 32:68
☒ 2. 35:65
☒ 3. 31:69
☒ 4. 28:72

Question ID : 9489116941

Option 1 ID : 94891127762

Option 2 ID : 94891127761

Option 3 ID : 94891127763

Option 4 ID : 94891127764

Status : Answered

Chosen Option : 2

Q.78 Find the value of x if $\frac{52}{x} = \sqrt{\frac{169}{289}}$

- Ans** ☒ 1. 68
☒ 2. 58
☒ 3. 62
☒ 4. 52

Question ID : 9489116552

Option 1 ID : 94891126208

Option 2 ID : 94891126206

Option 3 ID : 94891126207

Option 4 ID : 94891126205

Status : Answered

Chosen Option : 1

Q.79 Which of the following is NOT related to Western Ghats?

- Ans
- ☒ 1. Anaimalai Hills
 - ☒ 2. Mahendragiri Hills
 - ☒ 3. Nilgiri Hills
 - ☒ 4. Sahyadri Hills

Question ID : 9489116924

Option 1 ID : 94891127695

Option 2 ID : 94891127696

Option 3 ID : 94891127694

Option 4 ID : 94891127693

Status : Answered

Chosen Option : 1

Q.80 In 2005, ASHA was instituted by the Government of India's Ministry of Health and Family Welfare as a part of the National Rural Health Mission. What is the full form of 'ASHA'?

- Ans
- ☒ 1. Active Social Health Activist
 - ☒ 2. Accredited School Health Activist
 - ☒ 3. Accredited Social Health Activist
 - ☒ 4. Active School Health Activist

Question ID : 9489116940

Option 1 ID : 94891127757

Option 2 ID : 94891127760

Option 3 ID : 94891127759

Option 4 ID : 94891127758

Status : Answered

Chosen Option : 3

Q.81 Girish Karnad who passed away in 2019, was awarded the 'Padma Shri' in the year _____.

- Ans
- ☒ 1. 1974
 - ☒ 2. 2014
 - ☒ 3. 1984
 - ☒ 4. 1994

Question ID : 9489116906

Option 1 ID : 94891127621

Option 2 ID : 94891127624

Option 3 ID : 94891127622

Option 4 ID : 94891127623

Status : Answered

Chosen Option : 2

Q.82 If $x = \frac{1}{\sqrt{2}+1}$, then what will be the value of $x + 1$?

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

Question ID : 9489116553
Option 1 ID : 94891126211
Option 2 ID : 94891126212
Option 3 ID : 94891126209
Option 4 ID : 94891126210
Status : Answered

Chosen Option : 1

Q.83 The 'Bretton Woods Twins' refers to the two multilateral organisations created at the Bretton Woods Conference in 1944. They are _____ and _____.

- Ans
- ☒ 1. IMF, World Bank
 - ☐ 2. IMF, UN
 - ☐ 3. UN, World Bank
 - ☐ 4. IMF, WTO

Question ID : 9489116935
Option 1 ID : 94891127738
Option 2 ID : 94891127739
Option 3 ID : 94891127740
Option 4 ID : 94891127737
Status : Answered

Chosen Option : 2

Q.84 If the area of a triangle with base 12 cm is equal to the area of a square with side 12 cm, then the altitude of the triangle will be:





- Ans
- ☐ 1. 12 cm
 - ☐ 2. 18 cm
 - ☐ 3. 36 cm
 - ☒ 4. 24 cm

Question ID : 9489116565
Option 1 ID : 94891126257
Option 2 ID : 94891126259
Option 3 ID : 94891126260
Option 4 ID : 94891126258
Status : Answered

Chosen Option : 4

Q.85 In December 2008, the Government of India launched the INSPIRE Programme. The programme is related to the promotion of:

Ans

-  1. Yoga
-  2. International relations
-  3. Cultural activities
-  4. Science and technology

Question ID : 9489116932

Option 1 ID : 94891127726

Option 2 ID : 94891127728

Option 3 ID : 94891127727

Option 4 ID : 94891127725

Status : Answered

Chosen Option : 1

Q.86 The following table shows the marks obtained by two students Raj and Ramesh in different subjects.

Subjects	Raj	Max-marks	Ramesh	Max-marks
Mathematics	18	20	85	100
Physics	17	20	70	100
Chemistry	16	20	60	100
Biology	15	20	75	100

What is the difference between Raj and Ramesh's percentage of aggregate marks?

Ans

-  1. 10%
-  2. 2.5%
-  3. 5%
-  4. 2%

Question ID : 9489117189

Option 1 ID : 94891128755

Option 2 ID : 94891128754

Option 3 ID : 94891128753

Option 4 ID : 94891128756

Status : Answered

Chosen Option : 1

Q.87 Given below are roll numbers of the candidates who have been shortlisted in an entrance examination. The first two digits represent the city, the second two digits represent the centre and the last three digits represent the candidate. Study the data and answer the question that follows.

2367812	2852118	2453705	2946172
2578912	2452009	2345214	2850504
2687124	2371419	2731899	2578362
2834718	2182617	2431891	2718007
2463891	2486126	2275915	2363321

The maximum number of candidates have been selected from the city with which code?

- Ans
- ☒ 1. 27
 - ☒ 2. 28
 - ☒ 3. 23
 - ☒ 4. 24

Question ID : 9489117190

Option 1 ID : 94891128760

Option 2 ID : 94891128759

Option 3 ID : 94891128757

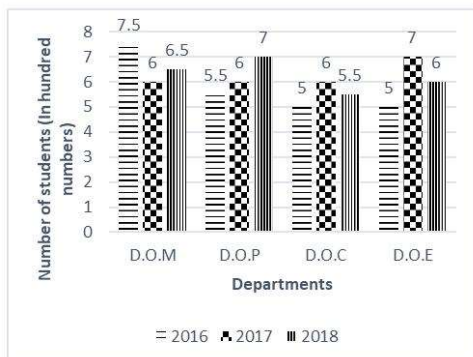
Option 4 ID : 94891128758

Status : Not Answered

Chosen Option : --

Q.88 The bar graph given below shows the number of students (in hundred numbers) graduated from 4 different departments of a university, Mathematics (DOM), Physics (DOP), Chemistry (DOC) and English (DOE) during 3 consecutive years.

What is the average number of students that graduated from all the departments (in hundred numbers) for the year 2017?



- Ans
- ☒ 1. 625
 - ☒ 2. 200
 - ☒ 3. 2500
 - ☒ 4. 550

Question ID : 9489117191

Option 1 ID : 94891128762

Option 2 ID : 94891128763

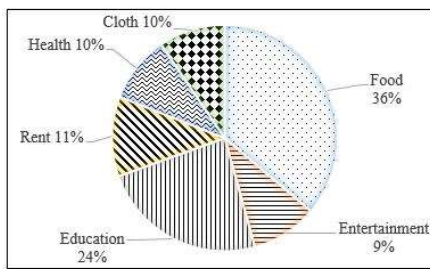
Option 3 ID : 94891128764

Option 4 ID : 94891128761

Status : Not Answered

Chosen Option : --

Q.89 The following pie chart shows the monthly expenditure incurred by Raj's family over different items.



What is the percentage of expenditure incurred on food with respect to expenditure on cloth?

- Ans**
- ☒ 1. 240%
 - ☒ 2. 46%
 - ☒ 3. 26%
 - ☒ 4. 360%

Question ID : 9489117192

Option 1 ID : 94891128765

Option 2 ID : 94891128767

Option 3 ID : 94891128768

Option 4 ID : 94891128766

Status : **Not Answered**

Chosen Option : --

Q.90 Out of the four words listed, three are alike in some manner and one is different. Select the odd one.

- Ans**
- ☒ 1. Chalk
 - ☒ 2. Paper
 - ☒ 3. Pen
 - ☒ 4. Pencil

Question ID : 9489117178

Option 1 ID : 94891128711

Option 2 ID : 94891128712

Option 3 ID : 94891128709

Option 4 ID : 94891128710

Status : **Answered**

Chosen Option : 2

Q.91 There are two numbers with the difference of 14 between them and the difference of their squares is 56. What are those numbers?

- Ans**
- ☒ 1. 9, -5
 - ☐ 2. 2, 16
 - ☐ 3. 3, 17
 - ☐ 4. 23, -9

Question ID : 9489117200

Option 1 ID : 94891128800

Option 2 ID : 94891128799

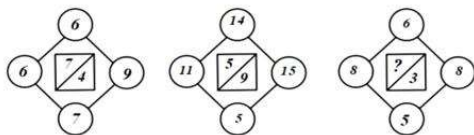
Option 3 ID : 94891128798

Option 4 ID : 94891128797

Status : Not Answered

Chosen Option : --

Q.92 Select the number from among the given alternatives that can replace the question mark (?) in the last figure.



- Ans**
- ☐ 1. 3
 - ☐ 2. 2
 - ☒ 3. 9
 - ☐ 4. 7

Question ID : 9489117186

Option 1 ID : 94891128741

Option 2 ID : 94891128744

Option 3 ID : 94891128742

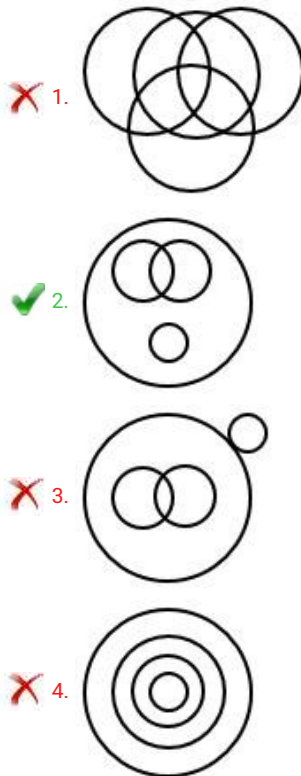
Option 4 ID : 94891128743

Status : Not Answered

Chosen Option : --

Q.93 In a certain language institute, English and Spanish language courses were available. Some students enrolled for only English and some students for only Spanish. A group of students of this institute were not interested in either so they didn't enrol. The rest enrolled for both English and Spanish. Which one of the following logic diagrams correctly reflects the above situation.

Ans



Question ID : 9489117198

Option 1 ID : 94891128789

Option 2 ID : 94891128791

Option 3 ID : 94891128792

Option 4 ID : 94891128790

Status : Not Answered

Chosen Option : --

Q.94 In a code language if QUESTION is coded as PRTVDFRTSUHJNPMO, then how will ANSWER be coded?

Ans

- ✓ 1. ZBMORTVXDFQS
- ✗ 2. OMNJHUSTRFDVTRP
- ✗ 3. REWSNA
- ✗ 4. ZABABCNMONOPQRSSTUWSQ

Question ID : 9489117176

Option 1 ID : 94891128704

Option 2 ID : 94891128701

Option 3 ID : 94891128703

Option 4 ID : 94891128702

Status : Not Answered

Chosen Option : --

Q.95 Select the number from among the given alternatives that can replace the question mark (?) in the last figure.



Ans ☒ 1. 4

☒ 2. 2

☒ 3. 6

☒ 4. 5

Question ID : 9489117183

Option 1 ID : 94891128729

Option 2 ID : 94891128730

Option 3 ID : 94891128731

Option 4 ID : 94891128732

Status : Answered

Chosen Option : 3

Q.96 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. All Venus are Mercury.
2. Some Jupiter are Venus.
3. All Pluto are Jupiter.

Conclusions:

- I. All Pluto are Mercury.
- II. Some Pluto are Mercury.
- III. Some Mercury are Jupiter.
- IV. All Jupiter are Mercury.

Ans ☒ 1. Only conclusion II follows.

☒ 2. Only conclusion I follows.

☒ 3. Only conclusion III follows.

☒ 4. Only conclusions I and III follow.

Question ID : 9489117203

Option 1 ID : 94891128810

Option 2 ID : 94891128809

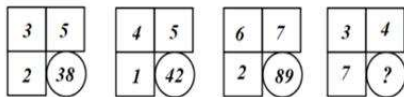
Option 3 ID : 94891128812

Option 4 ID : 94891128811

Status : Answered

Chosen Option : 3

Q.97 Select the number from among the given alternatives that can replace the question mark (?) in the last figure.



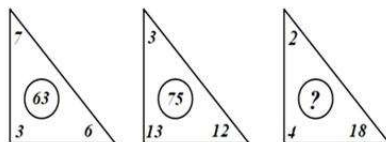
- Ans
- ☒ 1. 31
 - ☒ 2. 14
 - ☒ 3. 74
 - ☒ 4. 84

Question ID : 9489117188
 Option 1 ID : 94891128750
 Option 2 ID : 94891128751
 Option 3 ID : 94891128752
 Option 4 ID : 94891128749

Status : Answered

Chosen Option : 3

Q.98 Select the number from among the given alternatives that can replace the question mark (?) in the last figure.



- Ans
- ☒ 1. 144
 - ☒ 2. 22
 - ☒ 3. 44
 - ☒ 4. 87

Question ID : 9489117185
 Option 1 ID : 94891128740
 Option 2 ID : 94891128738
 Option 3 ID : 94891128739
 Option 4 ID : 94891128737

Status : Answered

Chosen Option : 3

Q.99 Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the statement.

Statement:

A friend in need is a friend indeed.

Conclusion:

- (i) A person who helps you in difficult situations is your friend.
- (ii) Your enemies can also sometimes have a change of heart and help you in times of need

- Ans**
- ☒ 1. Only conclusion (ii) follows
 - ☒ 2. Both conclusions (i) and (ii) follow
 - ☒ 3. None of the conclusion follows
 - ☒ 4. Only conclusion (i) follows

Question ID : 9489117181
Option 1 ID : 94891128722
Option 2 ID : 94891128723
Option 3 ID : 94891128724
Option 4 ID : 94891128721

Status : Answered

Chosen Option : 2

Q.100 In a certain code language, COMPUTER is written as 31191267218 and PHONE is written as 12511142. How will MOTHER be written in the same code language?

- Ans**
- ☒ 1. 91171852
 - ☒ 2. 91175218
 - ☒ 3. 91172518
 - ☒ 4. 91121875

Question ID : 9489117179
Option 1 ID : 94891128714
Option 2 ID : 94891128715
Option 3 ID : 94891128716
Option 4 ID : 94891128713

Status : Not Answered

Chosen Option : --