



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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



Participant ID	
Participant Name	
Test Center Name	iON Digital Zone iDZ Village Adampur Raisen Road
Test Date	05/04/2021
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 Which of the following is the longest line of latitude on the globe?

- Ans
- ☒ 1. Tropic of Cancer
 - ☒ 2. Tropic of Capricorn
 - ☒ 3. The Arctic Circle
 - ☒ 4. Equator

Question ID : 94891112222

Option 1 ID : 94891148886

Option 2 ID : 94891148887

Option 3 ID : 94891148888

Option 4 ID : 94891148885

Status : Answered

Chosen Option : 4

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Q.2 Study the given pattern carefully and select the number from the given options that can replace the question mark (?) in it.

3	18	11
12	24	18
?	12	14

- Ans
- ☒ 1. 16
 - ☒ 2. 20
 - ☒ 3. 18
 - ☒ 4. 10

Question ID : 94891112499

Option 1 ID : 94891149995

Option 2 ID : 94891149993

Option 3 ID : 94891149994

Option 4 ID : 94891149996

Status : Answered

Chosen Option : 3

Q.3 What is the folk dance of Puducherry?

- Ans
- ☒ 1. Sattariya
 - ☒ 2. Karga
 - ☒ 3. Garadi
 - ☒ 4. Kapalik

Question ID : 94891112209

Option 1 ID : 94891148833

Option 2 ID : 94891148835

Option 3 ID : 94891148836

Option 4 ID : 94891148834

Status : Answered

Chosen Option : 4

Q.4 A line passes through two points (3,4) and (4,5). What is the angle of the slope of this line?

- Ans
- ☒ 1. 45°
 - ☒ 2. 60°
 - ☒ 3. 30°
 - ☒ 4. 75°

Question ID : 94891114568

Option 1 ID : 94891158270

Option 2 ID : 94891158271

Option 3 ID : 94891158269

Option 4 ID : 94891158272

Status : Answered

Chosen Option : 1

Q.5 Which tissue is responsible for transportation of water in plants?

- Ans ☒ 1. Xylem
☒ 2. Ribosome
☒ 3. Cytoplasm
☒ 4. Chloroplast

Question ID : 94891112216

Option 1 ID : 94891148861

Option 2 ID : 94891148864

Option 3 ID : 94891148862

Option 4 ID : 94891148863

Status : Answered

Chosen Option : 1

Q.6 What is the full form of RDRAM?

- Ans ☒ 1. Rambus Dynamic Random Access Memory
☒ 2. Read Disc Random Access Memory
☒ 3. Read Dynamic Random Arrays Material
☒ 4. Removable Disc Read Access Module

Question ID : 94891112238

Option 1 ID : 94891148949

Option 2 ID : 94891148950

Option 3 ID : 94891148951

Option 4 ID : 94891148952

Status : Answered

Chosen Option : 2

Q.7 What is the mean of the first five prime numbers?

- Ans ☒ 1. 5.6
☒ 2. 5.5
☒ 3. 5.7
☒ 4. 5.8

Question ID : 94891114572

Option 1 ID : 94891158286

Option 2 ID : 94891158285

Option 3 ID : 94891158287

Option 4 ID : 94891158288

Status : Not Answered

Chosen Option : --

Q.8 Which Ashokan Rock Edict mentions of Ashoka's triumph in Kalinga?

- Ans ☒ 1. Thirteenth
☐ 2. Tenth
☐ 3. First
☐ 4. Fourth

Question ID : 94891112220

Option 1 ID : 94891148880

Option 2 ID : 94891148879

Option 3 ID : 94891148877

Option 4 ID : 94891148878

Status : Answered

Chosen Option : 1

Q.9 Name the capital of the Union Territory of Dadra and Nagar Haweli.

- Ans ☐ 1. Port Blair
☐ 2. Kavaratti
☒ 3. Silvassa
☐ 4. Pondicherry

Question ID : 94891112225

Option 1 ID : 94891148899

Option 2 ID : 94891148897

Option 3 ID : 94891148900

Option 4 ID : 94891148898

Status : Answered

Chosen Option : 2

Q.10 Where is the headquarters of United Nations System Staff College located?

- Ans ☒ 1. Turin
☐ 2. Berlin
☐ 3. London
☐ 4. Washington

Question ID : 94891112235

Option 1 ID : 94891148937

Option 2 ID : 94891148938

Option 3 ID : 94891148940

Option 4 ID : 94891148939

Status : Not Answered

Chosen Option : --

Q.11 What will be the compound interest on ₹1,000 at 20% per annum for 1 year compounded half-yearly?

- Ans
- ☒ 1. ₹200
 - ☒ 2. ₹110
 - ☒ 3. ₹210
 - ☒ 4. ₹220

Question ID : 94891114559

Option 1 ID : 94891158235

Option 2 ID : 94891158233

Option 3 ID : 94891158234

Option 4 ID : 94891158236

Status : Answered

Chosen Option : 3

Q.12 Find the value of $\frac{1+\sqrt{3}}{1-\sqrt{3}} + \frac{1-\sqrt{3}}{1+\sqrt{3}}$.

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

Question ID : 94891114548

Option 1 ID : 94891158190

Option 2 ID : 94891158192

Option 3 ID : 94891158191

Option 4 ID : 94891158189

Status : Answered

Chosen Option : 1

Q.13 Which two places are connected by National Waterway-2?

- Ans
- ☒ 1. Kottapuram and Kollam
 - ☒ 2. Mandavi and Zuari
 - ☒ 3. Prayagraj and Haldia
 - ☒ 4. Sadiya and Dhubri

Question ID : 94891112241

Option 1 ID : 94891148963

Option 2 ID : 94891148964

Option 3 ID : 94891148962

Option 4 ID : 94891148961

Status : Answered

Chosen Option : 4

Q.14 The LCM and HCF of two numbers are 60 and 3, respectively. If the first number is 12, then the second number is:

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

Question ID : 94891114550

Option 1 ID : 94891158199

Option 2 ID : 94891158200

Option 3 ID : 94891158198

Option 4 ID : 94891158197

Status : Answered

Chosen Option : 3

Q.15 A alone can finish a task in 10 days and B alone can finish the same task in 20 days. In how many days can A and B working together finish this task?

- Ans
- ☒ 1. $6\frac{2}{3}$ days
 - ☐ 2. $6\frac{1}{3}$ days
 - ☐ 3. $6\frac{1}{2}$ days
 - ☐ 4. 6 days

Question ID : 94891114561

Option 1 ID : 94891158241

Option 2 ID : 94891158242

Option 3 ID : 94891158243

Option 4 ID : 94891158244

Status : Answered

Chosen Option : 1

Q.16 Who is considered to be the 'father of modern science'?

- Ans
- ☒ 1. Galileo Galilei
 - ☐ 2. Stephen Hawking
 - ☐ 3. CV Raman
 - ☐ 4. Vikram Sarabhai

Question ID : 94891112230

Option 1 ID : 94891148917

Option 2 ID : 94891148918

Option 3 ID : 94891148919

Option 4 ID : 94891148920

Status : Answered

Chosen Option : 1

Q.17 What is a Visual Display Unit (VDU)?

- Ans
- ☒ 1. Storage unit
 - ☒ 2. Monitor
 - ☒ 3. Server
 - ☒ 4. System memory

Question ID : 94891112236

Option 1 ID : 94891148942

Option 2 ID : 94891148943

Option 3 ID : 94891148941

Option 4 ID : 94891148944

Status : Answered

Chosen Option : 2

Q.18 Select the Venn diagram that best represents the relationship between the following classes.

Mammals, Amphibians, Blue Whale.

Ans

- ☒ 1. 
- ☒ 2. 
- ☒ 3. 
- ☒ 4. 

Question ID : 94891112497

Option 1 ID : 94891149986

Option 2 ID : 94891149987

Option 3 ID : 94891149985

Option 4 ID : 94891149988

Status : Answered

Chosen Option : 4

Q.19 Pradhan Mantri Jan Dhan Yojana was launched on:

Ans

- ☐ 1. 28th Aug 2015
- ☐ 2. 15th Aug 2014
- ☐ 3. 15th Aug 2015
- ☒ 4. 28th Aug 2014

Question ID : 94891112239

Option 1 ID : 94891148955

Option 2 ID : 94891148954

Option 3 ID : 94891148956

Option 4 ID : 94891148953

Status : Answered

Chosen Option : 3

Q.20 The word JUNCTION has been coded using 4 different codes.

Code 1: QFMXGRLM

Code 2: LYTKDUCD

Code 3: KWQGYOVV

Code 4: LWPEVKQP

Which of the following codes is used to write the word CUSTOMER as XFHGLNVI?

Ans

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

Question ID : 94891112476

Option 1 ID : 94891149904

Option 2 ID : 94891149902

Option 3 ID : 94891149901

Option 4 ID : 94891149903

Status : Answered

Chosen Option : 3

Q.21 Following the order of operations, the value of $81 - [20 + 7 \times (30 - 3 \times 9)]$ is:

- Ans ☒ 1. 40
☒ 2. 20
☒ 3. 30
☒ 4. 0

Question ID : 94891114545

Option 1 ID : 94891158179

Option 2 ID : 94891158177

Option 3 ID : 94891158178

Option 4 ID : 94891158180

Status : Answered

Chosen Option : 1

Q.22 The difference between the compound and the simple interests on a certain sum of money for two years, at 5% per annum, is ₹1. The sum is:

- Ans ☒ 1. ₹450
☒ 2. ₹550
☒ 3. ₹400
☒ 4. ₹500

Question ID : 94891114558

Option 1 ID : 94891158230

Option 2 ID : 94891158232

Option 3 ID : 94891158229

Option 4 ID : 94891158231

Status : Answered

Chosen Option : 3

Q.23 A and B both working together can finish a task in 10 days. B and C both working together can finish the same task in 15 days. A and C both working together can finish the task in 20 days. In how many days can A, B and C working together finish this task?

- Ans ☒ 1. $9\frac{3}{13}$ days
☒ 2. $9\frac{4}{13}$ days
☒ 3. $9\frac{1}{13}$ days
☒ 4. $9\frac{2}{13}$ days

Question ID : 94891114562

Option 1 ID : 94891158247

Option 2 ID : 94891158248

Option 3 ID : 94891158245

Option 4 ID : 94891158246

Status : Answered

Chosen Option : 1

Q.24 Which of the following was concerned with center-state relations?

- Ans
- ☐ 1. Malimath Committee
 - ☐ 2. Srikrishna Commission
 - ☐ 3. Thakkar Commission
 - ☒ 4. Sarkaria Commission

Question ID : 94891112227

Option 1 ID : 94891148906

Option 2 ID : 94891148905

Option 3 ID : 94891148907

Option 4 ID : 94891148908

Status : Not Answered

Chosen Option : --

Q.25 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans
- ☐ 1. Action
 - ☐ 2. Romance
 - ☒ 3. Movie
 - ☐ 4. Comedy

Question ID : 94891112495

Option 1 ID : 94891149978

Option 2 ID : 94891149977

Option 3 ID : 94891149980

Option 4 ID : 94891149979

Status : Answered

Chosen Option : 3

Q.26 A book is purchased for ₹1,000 and then sold for ₹1,200. Find the gain percentage.

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

Question ID : 94891114560

Option 1 ID : 94891158240

Option 2 ID : 94891158239

Option 3 ID : 94891158238

Option 4 ID : 94891158237

Status : Answered

Chosen Option : 2

Q.27 Name the river on which the Indira Sagar Dam is built.

- Ans
- ☒ 1. Kaveri
 - ☒ 2. Ganges
 - ☒ 3. Yamuna
 - ☒ 4. Narmada

Question ID : 94891112224

Option 1 ID : 94891148895

Option 2 ID : 94891148893

Option 3 ID : 94891148894

Option 4 ID : 94891148896

Status : Answered

Chosen Option : 4

Q.28 Select the option that is related to the third term in the same way as the second term is related to the first term.

Horse : Stable :: Rabbit : ?

- Ans
- ☒ 1. Nest
 - ☒ 2. Palace
 - ☒ 3. Burrow
 - ☒ 4. Den

Question ID : 94891112480

Option 1 ID : 94891149920

Option 2 ID : 94891149917

Option 3 ID : 94891149918

Option 4 ID : 94891149919

Status : Answered

Chosen Option : 3

Q.29 'The Origin of Species' was written by:

- Ans
- ☒ 1. Aristotle
 - ☒ 2. Confucius
 - ☒ 3. Plato
 - ☒ 4. Charles Darwin

Question ID : 94891112213

Option 1 ID : 94891148849

Option 2 ID : 94891148852

Option 3 ID : 94891148851

Option 4 ID : 94891148850

Status : Answered

Chosen Option : 4

Q.30 What is the full form of DOS?

- Ans
- ☐ 1. Device Outsourcing System
 - ☐ 2. Device Operating System
 - ☐ 3. Different Operating System
 - ☒ 4. Disk Operating System

Question ID : 94891112237

Option 1 ID : 94891148945

Option 2 ID : 94891148947

Option 3 ID : 94891148946

Option 4 ID : 94891148948

Status : Answered

Chosen Option : 4

Q.31 Find the value of n in the given equation.

$$27^{1.5} \times 9^{1.25} \div 3^5 = 3^n$$

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

Question ID : 94891114544

Option 1 ID : 94891158175

Option 2 ID : 94891158174

Option 3 ID : 94891158176

Option 4 ID : 94891158173

Status : Answered

Chosen Option : 4

Q.32 The demand for Pakistan was made in _____ at the Lahore Session of the Muslim League.

- Ans
- ☐ 1. 1932
 - ☐ 2. 1942
 - ☒ 3. 1940
 - ☐ 4. 1936

Question ID : 94891112219

Option 1 ID : 94891148873

Option 2 ID : 94891148876

Option 3 ID : 94891148875

Option 4 ID : 94891148874

Status : Not Answered

Chosen Option : --

Q.33 The perimeter of a square and circumference a circle are the same. What is the ratio of the area of the square to that of the circle?

- Ans
- ✓ 1. $\pi : 4$
 - ✗ 2. $4 : \pi$
 - ✗ 3. $2 : \pi$
 - ✗ 4. $\pi : 2$

Question ID : 94891114565

Option 1 ID : 94891158257

Option 2 ID : 94891158258

Option 3 ID : 94891158260

Option 4 ID : 94891158259

Status : Answered

Chosen Option : 1

Q.34 Which technology is used to provide high speed internet access over traditional modem lines?

- Ans
- ✓ 1. ADSL
 - ✗ 2. VDU
 - ✗ 3. LAN
 - ✗ 4. Routers

Question ID : 94891112232

Option 1 ID : 94891148925

Option 2 ID : 94891148926

Option 3 ID : 94891148928

Option 4 ID : 94891148927

Status : Answered

Chosen Option : 4

Q.35 _____ is the largest producer of crude oil and natural gas in India.

- Ans
- ✗ 1. BHEL
 - ✓ 2. ONGC
 - ✗ 3. NTPC
 - ✗ 4. SAIL

Question ID : 94891112242

Option 1 ID : 94891148968

Option 2 ID : 94891148967

Option 3 ID : 94891148966

Option 4 ID : 94891148965

Status : Answered

Chosen Option : 2

Q.36 Who presides over the first meeting of a newly constituted Lok Sabha?

- Ans
- ☐ 1. President
 - ☐ 2. Speaker
 - ☒ 3. Protom Speaker
 - ☐ 4. Prime Minister

Question ID : 94891112228

Option 1 ID : 94891148912

Option 2 ID : 94891148909

Option 3 ID : 94891148910

Option 4 ID : 94891148911

Status : Answered

Chosen Option : 2

Q.37 A circle $x^2 + y^2 = a^2$ passes through a point (0, 4). What is the value of a ?

- Ans
- ☐ 1. 6
 - ☒ 2. 4
 - ☐ 3. 8
 - ☐ 4. 5

Question ID : 94891114569

Option 1 ID : 94891158275

Option 2 ID : 94891158273

Option 3 ID : 94891158276

Option 4 ID : 94891158274

Status : Answered

Chosen Option : 2

Q.38 Who is one of the founders of the Red Cross society?

- Ans
- ☒ 1. Jean Henry Dunant
 - ☐ 2. Carolina Millan
 - ☐ 3. B Skinner
 - ☐ 4. Von Herring

Question ID : 94891112234

Option 1 ID : 94891148934

Option 2 ID : 94891148933

Option 3 ID : 94891148936

Option 4 ID : 94891148935

Status : Answered

Chosen Option : 3

Q.39 The system of scientific naming Organism was introduced by:

- Ans ☒ 1. Carolus Linnaeus
☐ 2. George Caley
☐ 3. Alexis Carrel
☐ 4. Angel Cabrera

Question ID : 94891112212

Option 1 ID : 94891148845

Option 2 ID : 94891148846

Option 3 ID : 94891148848

Option 4 ID : 94891148847

Status : Answered

Chosen Option : 1

Q.40 The value of $\frac{1 + \tan^2 \theta}{1 + \cot^2 \theta}$ is:

- Ans ☒ 1. $\tan^2 \theta$
☐ 2. $\cot^2 \theta$
☐ 3. $\sec^2 \theta$
☐ 4. $\operatorname{cosec}^2 \theta$

Question ID : 94891114570

Option 1 ID : 94891158280

Option 2 ID : 94891158279

Option 3 ID : 94891158277

Option 4 ID : 94891158278

Status : Answered

Chosen Option : 1

Q.41 Which is the only Indian state to share its boundary with the state of Sikkim?

- Ans ☐ 1. Assam
☐ 2. Mizoram
☐ 3. Odisha
☒ 4. West Bengal

Question ID : 94891112223

Option 1 ID : 94891148890

Option 2 ID : 94891148889

Option 3 ID : 94891148891

Option 4 ID : 94891148892

Status : Answered

Chosen Option : 1

Q.42 In which state can one find the Himalayan Yew?

- Ans ☒ 1. Arunachal Pradesh
☐ 2. Jammu & Kashmir
☐ 3. Sikkim
☐ 4. Uttarakhand

Question ID : 94891112226

Option 1 ID : 94891148902

Option 2 ID : 94891148903

Option 3 ID : 94891148901

Option 4 ID : 94891148904

Status : Answered

Chosen Option : 2

Q.43 Who appoints the chief justice and other judges of the Supreme Court of India?

- Ans ☒ 1. President
☐ 2. Speaker
☐ 3. Prime Minister
☐ 4. Vice President

Question ID : 94891112229

Option 1 ID : 94891148914

Option 2 ID : 94891148915

Option 3 ID : 94891148913

Option 4 ID : 94891148916

Status : Answered

Chosen Option : 1

Q.44 The product of two numbers is 270. If their LCM is 90, then their HCF is:

- Ans ☐ 1. 2
☐ 2. 4
☐ 3. 5
☒ 4. 3

Question ID : 94891114549

Option 1 ID : 94891158196

Option 2 ID : 94891158194

Option 3 ID : 94891158193

Option 4 ID : 94891158195

Status : Answered

Chosen Option : 4

Q.45 The simple interest on a sum of money borrowed is ₹10 at the rate of 10% p.a for 10 years. How much is the sum of money borrowed?

- Ans
- ☐ 1. ₹100
 - ☒ 2. ₹10
 - ☐ 3. ₹10,000
 - ☐ 4. ₹1,000

Question ID : 94891114557

Option 1 ID : 94891158227

Option 2 ID : 94891158228

Option 3 ID : 94891158225

Option 4 ID : 94891158226

Status : Answered

Chosen Option : 2

Q.46 The sum of the square of the first ten natural numbers is:

- Ans
- ☐ 1. 3025
 - ☐ 2. 5050
 - ☒ 3. 385
 - ☐ 4. 55

Question ID : 94891114551

Option 1 ID : 94891158202

Option 2 ID : 94891158201

Option 3 ID : 94891158204

Option 4 ID : 94891158203

Status : Answered

Chosen Option : 1

Q.47 If the area of a square is 1225 cm^2 , then what will be the perimeter of the square?

- Ans
- ☐ 1. 120 cm
 - ☒ 2. 140 cm
 - ☐ 3. 130 cm
 - ☐ 4. 150 cm

Question ID : 94891114564

Option 1 ID : 94891158254

Option 2 ID : 94891158256

Option 3 ID : 94891158253

Option 4 ID : 94891158255

Status : Answered

Chosen Option : 2

Q.48 What is the LCM of $\frac{3}{10}$ and $\frac{2}{5}$?

Ans

☒ 1. $\frac{5}{6}$

☒ 2. $\frac{3}{4}$

☒ 3. $\frac{6}{5}$

☒ 4. $\frac{3}{25}$

Question ID : 94891114546

Option 1 ID : 94891158182

Option 2 ID : 94891158183

Option 3 ID : 94891158184

Option 4 ID : 94891158181

Status : Answered

Chosen Option : 3

Q.49 Select the number that can replace the question mark (?) in the following series.

4, 7, 13, 22, 34, 49, ?

Ans

☒ 1. 77

☒ 2. 73

☒ 3. 64

☒ 4. 67

Question ID : 94891112483

Option 1 ID : 94891149932

Option 2 ID : 94891149931

Option 3 ID : 94891149930

Option 4 ID : 94891149929

Status : Answered

Chosen Option : 4

Q.50 If $1.75 : x :: 5 : 8$, then the value of x is:

Ans

☒ 1. 2

☒ 2. 2.5

☒ 3. 2.8

☒ 4. 2.2

Question ID : 94891114554

Option 1 ID : 94891158216

Option 2 ID : 94891158214

Option 3 ID : 94891158213

Option 4 ID : 94891158215

Status : Answered

Chosen Option : 3

Q.51 According to Census 2011, which is the third most populous state of India?

- Ans
- ☒ 1. West Bengal
 - ☒ 2. Maharashtra
 - ☒ 3. Madhya Pradesh
 - ☒ 4. Bihar

Question ID : 94891112204

Option 1 ID : 94891148815

Option 2 ID : 94891148813

Option 3 ID : 94891148814

Option 4 ID : 94891148816

Status : Answered

Chosen Option : 2

Q.52 What type of trees are found in mountain forests in India?

- Ans
- ☒ 1. Chir
 - ☒ 2. Ash
 - ☒ 3. Cactus
 - ☒ 4. Maple

Question ID : 94891112221

Option 1 ID : 94891148884

Option 2 ID : 94891148882

Option 3 ID : 94891148881

Option 4 ID : 94891148883

Status : Not Answered

Chosen Option : --

Q.53 In February 2021, who is appointed as Assistant Secretary-General and Head of the New York office of the UNEP?

- Ans
- ☒ 1. Ligia Noronha
 - ☒ 2. Vimal Kumar
 - ☒ 3. Mandeep Kang
 - ☒ 4. Naresh Chandra

Question ID : 94891112206

Option 1 ID : 94891148821

Option 2 ID : 94891148824

Option 3 ID : 94891148822

Option 4 ID : 94891148823

Status : Answered

Chosen Option : 4

Q.54 Select the alphanumeric-cluster that can replace the question mark (?) in the following series.

2Y28, 7T23, 12O18, ?, 22E8, 27Z3

- Ans
- ✓ 1. 17J13
 - ✗ 2. 16J12
 - ✗ 3. 17J15
 - ✗ 4. 17H13

Question ID : 94891112488

Option 1 ID : 94891149952

Option 2 ID : 94891149951

Option 3 ID : 94891149950

Option 4 ID : 94891149949

Status : Answered

Chosen Option : 1

Q.55 What is the name of the scheme which aims to provide LED bulbs to domestic consumers at subsidized rate?

- Ans
- ✗ 1. 'Bulb Scheme'
 - ✓ 2. 'Ujala Scheme'
 - ✗ 3. 'Har Ghar Bijli Scheme'
 - ✗ 4. 'Roshan Scheme'

Question ID : 94891112243

Option 1 ID : 94891148971

Option 2 ID : 94891148969

Option 3 ID : 94891148972

Option 4 ID : 94891148970

Status : Answered

Chosen Option : 2

Q.56 The sum of the roots of the equation $x^2 - 11x + 30 = 0$ is:

- Ans
- ✗ 1. 15
 - ✗ 2. 30
 - ✓ 3. 11
 - ✗ 4. 1

Question ID : 94891114567

Option 1 ID : 94891158268

Option 2 ID : 94891158267

Option 3 ID : 94891158266

Option 4 ID : 94891158265

Status : Answered

Chosen Option : 3

Q.57 Which of the following was the capital of the kingdom Magadh?

- Ans
- ☒ 1. Vaishali
 - ☒ 2. Ujjain
 - ☒ 3. Rajgir
 - ☒ 4. Kaushambi

Question ID : 94891112217

Option 1 ID : 94891148868

Option 2 ID : 94891148867

Option 3 ID : 94891148866

Option 4 ID : 94891148865

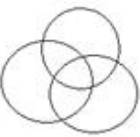
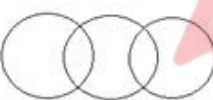
Status : Answered

Chosen Option : 3

Q.58 Select the Venn diagram that best represents the relationship between the following classes.

Parent, Teacher, Female.

Ans

- ☒ 1. 
- ☒ 2. 
- ☒ 3. 
- ☒ 4. 

Question ID : 94891112498

Option 1 ID : 94891149991

Option 2 ID : 94891149992

Option 3 ID : 94891149990

Option 4 ID : 94891149989

Status : Answered

Chosen Option : 1

Q.59 The Murlen National Park is located in which state?

- Ans
- ☒ 1. Telangana
 - ☒ 2. Himachal Pradesh
 - ☒ 3. Mizoram
 - ☒ 4. Jharkhand

Question ID : 94891112215

Option 1 ID : 94891148860

Option 2 ID : 94891148859

Option 3 ID : 94891148858

Option 4 ID : 94891148857

Status : Answered

Chosen Option : 3

Q.60 _____ has become the first country in the world to receive vaccines acquired through the United Nations-backed COVAX initiative.

- Ans
- ☒ 1. Bhutan
 - ☒ 2. Ghana
 - ☒ 3. Nigeria
 - ☒ 4. Sudan

Question ID : 94891112205

Option 1 ID : 94891148818

Option 2 ID : 94891148817

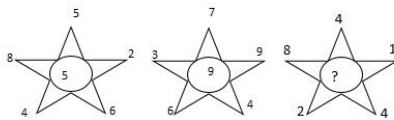
Option 3 ID : 94891148819

Option 4 ID : 94891148820

Status : Answered

Chosen Option : 4

Q.61 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in the third figure.



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

Question ID : 94891112484

Option 1 ID : 94891149933

Option 2 ID : 94891149936

Option 3 ID : 94891149934

Option 4 ID : 94891149935

Status : Answered

Chosen Option : 3

Q.62 The third proportional to 4 and 9 is:

- Ans
- ☐ 1. 81
 - ☒ 2. $20\frac{1}{4}$
 - ☐ 3. 36
 - ☐ 4. 16

Question ID : 94891114556

Option 1 ID : 94891158222

Option 2 ID : 94891158223

Option 3 ID : 94891158221

Option 4 ID : 94891158224

Status : Answered

Chosen Option : 3

Q.63 _____ was the first artificial satellite launched by the Soviet Union in 1957.

- Ans
- ☐ 1. Bhaskara
 - ☐ 2. Cartosat-2
 - ☐ 3. RISAT-1
 - ☒ 4. Sputnik-1

Question ID : 94891112231

Option 1 ID : 94891148921

Option 2 ID : 94891148922

Option 3 ID : 94891148924

Option 4 ID : 94891148923

Status : Answered

Chosen Option : 4

Q.64 Four letter-pairs have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans
- ☐ 1. B-F
 - ☐ 2. Y-C
 - ☒ 3. Z-F
 - ☐ 4. M-Q

Question ID : 94891112493

Option 1 ID : 94891149969

Option 2 ID : 94891149972

Option 3 ID : 94891149970

Option 4 ID : 94891149971

Status : Answered

Chosen Option : 3

Q.65 The compound ratio of 1 : 2, 3 : 10 and 10 : 21 is:

- Ans
- ☐ 1. 1 : 7
 - ☐ 2. 7 : 1
 - ☐ 3. 14 : 1
 - ☒ 4. 1 : 14

Question ID : 94891114555

Option 1 ID : 94891158217

Option 2 ID : 94891158219

Option 3 ID : 94891158220

Option 4 ID : 94891158218

Status : Answered

Chosen Option : 4

Q.66 Without assuming anything beyond the information given, select the correct nature of relationship between the two statements A and B.

Statements:

A. Mango production has reduced by half as compared to last year.

B. The price of mangoes in the market has risen up.

- Ans
- ☐ 1. Both statements A and B are independent causes.
 - ☐ 2. Statement B is the cause and statement A is its effect.
 - ☐ 3. Both statements A and B are effects of independent causes.
 - ☒ 4. Statement A is the cause and statement B is its effect.

Question ID : 94891112481

Option 1 ID : 94891149924

Option 2 ID : 94891149922

Option 3 ID : 94891149923

Option 4 ID : 94891149921

Status : Answered

Chosen Option : 4

Q.67 'Pataca' is the currency of which country?

- Ans
- ☐ 1. Laos
 - ☐ 2. Mexico
 - ☒ 3. Macau
 - ☐ 4. Panama

Question ID : 94891112233

Option 1 ID : 94891148930

Option 2 ID : 94891148932

Option 3 ID : 94891148931

Option 4 ID : 94891148929

Status : Not Answered

Chosen Option : --

Q.68 What is the HCF of $\frac{1}{2}$ and $\frac{3}{4}$?

Ans

☐ 1. $\frac{3}{4}$

☒ 2. $\frac{1}{4}$

☐ 3. $\frac{4}{3}$

☐ 4. $\frac{1}{2}$

Question ID : 94891114547

Option 1 ID : 94891158187

Option 2 ID : 94891158185

Option 3 ID : 94891158188

Option 4 ID : 94891158186

Status : Answered

Chosen Option : 2

Q.69 The fabric that became a symbol of India's freedom struggle is:

Ans

☐ 1. Polyester

☒ 2. Khadi

☐ 3. Wool

☐ 4. Silk

Question ID : 94891112208

Option 1 ID : 94891148832

Option 2 ID : 94891148830

Option 3 ID : 94891148831

Option 4 ID : 94891148829

Status : Answered

Chosen Option : 2

Q.70 Which of the following real numbers has the maximum value? $\sqrt{2}$, $\sqrt[3]{3}$, $\sqrt[4]{4}$ and $\sqrt[5]{5}$

Ans

☐ 1. $\sqrt[4]{4}$

☒ 2. $\sqrt[3]{3}$

☐ 3. $\sqrt{2}$

☐ 4. $\sqrt[5]{5}$

Question ID : 94891114553

Option 1 ID : 94891158211

Option 2 ID : 94891158210

Option 3 ID : 94891158209

Option 4 ID : 94891158212

Status : Answered

Chosen Option : 2

Q.71 Who among the following cricketer received the Man of the Series in India-England Test series concluded in March, 2021?

- Ans**
- ☒ 1. Rishabh Pant
 - ☒ 2. Ravichandran Ashwin
 - ☐ 3. Axar Patel
 - ☐ 4. Rohit Sharma

Question ID : 94891112207

Option 1 ID : 94891148825

Option 2 ID : 94891148826

Option 3 ID : 94891148828

Option 4 ID : 94891148827

Status : Answered

Chosen Option : 2

Q.72 The value of $24 + 13 - 5 \times \frac{1}{2} \times 10 - \{45 \div (17 - 2)\}$ is:

- Ans**
- ☒ 1. 9
 - ☐ 2. -7
 - ☐ 3. 18
 - ☐ 4. 11

Question ID : 94891114552

Option 1 ID : 94891158208

Option 2 ID : 94891158206

Option 3 ID : 94891158205

Option 4 ID : 94891158207

Status : Answered

Chosen Option : 1

Q.73 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans**
- ☐ 1. Drums
 - ☐ 2. Trumpet
 - ☒ 3. String
 - ☐ 4. Guitar

Question ID : 94891112494

Option 1 ID : 94891149974

Option 2 ID : 94891149973

Option 3 ID : 94891149976

Option 4 ID : 94891149975

Status : Answered

Chosen Option : 3

Q.74 A group of six persons has to be formed from among the Post Graduate Teachers (PGTs) P, Q, R, S and T and Trained Graduate Teachers (TGTs) A, B, C, D and E. There are some conditions of the persons for the group formation.

B will join the group only with C.

A will not join with E or Q. D will not join with R.

Which of the following groups is possible?

- Ans**
- ☒ 1. PQSBCE
 - ☐ 2. PRSABE
 - ☐ 3. RSTBCD
 - ☐ 4. PQRBCD

Question ID : 94891112503

Option 1 ID : 94891150010

Option 2 ID : 94891150011

Option 3 ID : 94891150009

Option 4 ID : 94891150012

Status : Answered

Chosen Option : 1

Q.75 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- 1. Some chairs are tables.
- 2. All books are tables.

Conclusions:

- 1. Some books are chairs.
- 2. Some tables are chairs.

- Ans**
- ☐ 1. Both conclusions 1 and 2 follow.
 - ☐ 2. Neither conclusion 1 nor 2 follows.
 - ☐ 3. Only conclusion 1 follows.
 - ☒ 4. Only conclusion 2 follows.

Question ID : 94891112501

Option 1 ID : 94891150003

Option 2 ID : 94891150004

Option 3 ID : 94891150001

Option 4 ID : 94891150002

Status : Answered

Chosen Option : 1

Q.76 The value of $(\operatorname{cosec}\theta + \cot\theta) \times (1 - \cos\theta)$ is:

- Ans
- ☐ 1. $\cos\theta$
 - ☐ 2. $\operatorname{cosec}\theta$
 - ☒ 3. $\sin\theta$
 - ☐ 4. $\sec\theta$

Question ID : 94891114571

Option 1 ID : 94891158282

Option 2 ID : 94891158283

Option 3 ID : 94891158281

Option 4 ID : 94891158284

Status : Answered

Chosen Option : 3

Q.77 A raw data is in ascending order i.e. 3, 4, 8, x , $x + 1$, 12, 14, 15. If the median of this data is 9.5, then the value of x is:

- Ans
- ☐ 1. 7
 - ☒ 2. 9
 - ☐ 3. 4
 - ☐ 4. 11

Question ID : 94891114573

Option 1 ID : 94891158290

Option 2 ID : 94891158291

Option 3 ID : 94891158289

Option 4 ID : 94891158292

Status : Answered

Chosen Option : 2

Q.78 If $\frac{1}{x} + \frac{2}{3} = \frac{1}{2x} + \frac{3}{4}$, then the value of x is:

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

Question ID : 94891114566

Option 1 ID : 94891158261

Option 2 ID : 94891158264

Option 3 ID : 94891158263

Option 4 ID : 94891158262

Status : Answered

Chosen Option : 3

Q.79 _____ is the closest star to the Earth.

- Ans
- ☒ 1. Altair
 - ☒ 2. Sun
 - ☒ 3. Moon
 - ☒ 4. Vega

Question ID : 94891112211

Option 1 ID : 94891148843

Option 2 ID : 94891148844

Option 3 ID : 94891148841

Option 4 ID : 94891148842

Status : Answered

Chosen Option : 2

Q.80 What is the speed of a man, in km/h, who takes 10 min to run a distance of 1000 m?

- Ans
- ☒ 1. 6 km/h
 - ☒ 2. 8 km/h
 - ☒ 3. 2 km/h
 - ☒ 4. 4 km/h

Question ID : 94891114563

Option 1 ID : 94891158251

Option 2 ID : 94891158252

Option 3 ID : 94891158249

Option 4 ID : 94891158250

Status : Answered

Chosen Option : 1

Q.81 In which state of India can we find the preserved Buddhist caves called 'Karla'?

- Ans
- ☒ 1. Bihar
 - ☒ 2. Karnataka
 - ☒ 3. Maharashtra
 - ☒ 4. Uttar Pradesh

Question ID : 94891112210

Option 1 ID : 94891148837

Option 2 ID : 94891148840

Option 3 ID : 94891148839

Option 4 ID : 94891148838

Status : Answered

Chosen Option : 3

Q.82 Who founded the journal 'Bande Mataram' in India?

- Ans
- ☐ 1. Ramanand Chatterji
 - ☐ 2. Aurobindo Ghosh
 - ☒ 3. Bipin Chandra Pal
 - ☐ 4. Ganesh Shankar Vidyarthi

Question ID : 94891112218

Option 1 ID : 94891148870

Option 2 ID : 94891148871

Option 3 ID : 94891148872

Option 4 ID : 94891148869

Status : Answered

Chosen Option : 2

Q.83 The normal systolic pressure of human blood is:

- Ans
- ☐ 1. 80 mmHg
 - ☐ 2. 130 mmHg
 - ☒ 3. 120 mmHg
 - ☐ 4. 110 mmHg

Question ID : 94891112214

Option 1 ID : 94891148855

Option 2 ID : 94891148856

Option 3 ID : 94891148853

Option 4 ID : 94891148854

Status : Answered

Chosen Option : 4

Q.84 What is the amount of annual health benefit cover to be provided per family under the 'Ayushman Bharat' scheme of the Government of India?

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

Question ID : 94891112240

Option 1 ID : 94891148959

Option 2 ID : 94891148960

Option 3 ID : 94891148957

Option 4 ID : 94891148958

Status : Answered

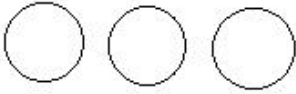
Chosen Option : 3

Q.85 Select the Venn diagram that best represents the relationship between the following classes.

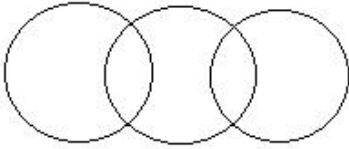
Table, Chair, Cupboard

Ans

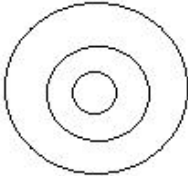
✓ 1.



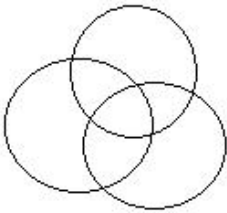
✗ 2.



✗ 3.



✗ 4.



Question ID : 94891112496

Option 1 ID : 94891149984

Option 2 ID : 94891149981

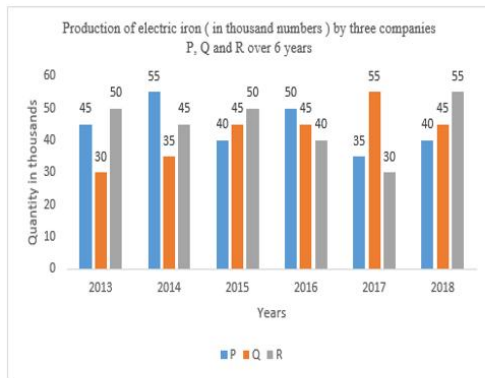
Option 3 ID : 94891149982

Option 4 ID : 94891149983

Status : Answered

Chosen Option : 1

Q.86 The following bar graph shows the production of electric irons (in thousand numbers) by three companies P, Q and R over 6 years (from 2013 to 2018). Answer the given question based on the bar graph.



For company Q, what is the approximate percentage increase in the production of electric irons from 2013 to 2016?

- Ans
- ☒ 1. 65%
 - ☒ 2. 50%
 - ☒ 3. 60%
 - ☒ 4. 57%

Question ID : 94891112489

Option 1 ID : 94891149956

Option 2 ID : 94891149955

Option 3 ID : 94891149954

Option 4 ID : 94891149953

Status : Answered

Chosen Option : 2

Q.87 The following graph given shows the profit made by a cosmetic company (in ₹ thousand) over 5 years (from 2014 to 2018). Answer the given question based on the graph.



What is the ratio of the number of years in which the profits are below average to those in which the profits are above average?

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

Question ID : 94891112490

Option 1 ID : 94891149958

Option 2 ID : 94891149960

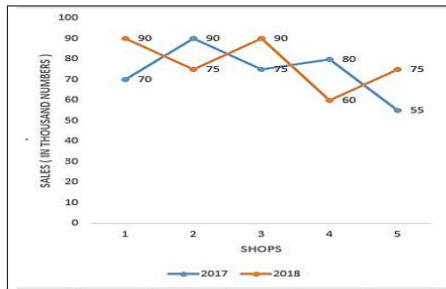
Option 3 ID : 94891149959

Option 4 ID : 94891149957

Status : Answered

Chosen Option : 4

Q.88 The following line graph shows the sales of external hard disks (in thousand numbers) for five shops 1, 2, 3, 4, 5 in the years 2017 and 2018. Answer the given question based on the line graph.



Total sales for shop 1 for both the years is what percentage (approximate) of the total sales for shop 5 for both the years?

- Ans**
- ☒ 1. 100%
 - ☒ 2. 123%
 - ☒ 3. 95%
 - ☒ 4. 110%

Question ID : 94891112491

Option 1 ID : 94891149963

Option 2 ID : 94891149961

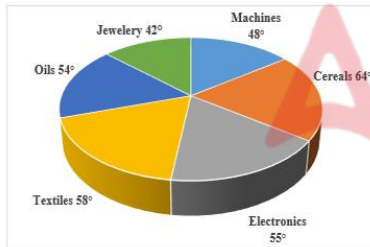
Option 3 ID : 94891149964

Option 4 ID : 94891149962

Status : Answered

Chosen Option : 2

Q.89 The following pie chart shows the expenditure of a country on importing various products during a particular year. Answer the given question based on the pie chart.



If the amount spent on importing only machines during the year was ₹8 crore, then what was the total amount (approximate) spent on importing all the various products in that year?

- Ans**
- ☒ 1. ₹60 crore
 - ☒ 2. ₹20 crore
 - ☒ 3. ₹30 crore
 - ☒ 4. ₹40 crore

Question ID : 94891112492

Option 1 ID : 94891149968

Option 2 ID : 94891149965

Option 3 ID : 94891149966

Option 4 ID : 94891149967

Status : Answered

Chosen Option : 1

Q.90 Select the option that is related to the third term in the same way as the second term is related to the first term.

Napoleon : France :: Christopher Columbus : ?

- Ans**
- ☒ 1. America
 - ☐ 2. Portugal
 - ☐ 3. England
 - ☐ 4. Spain

Question ID : 94891112478

Option 1 ID : 94891149909

Option 2 ID : 94891149911

Option 3 ID : 94891149912

Option 4 ID : 94891149910

Status : Answered

Chosen Option : 1

Q.91 Of the four given equations, the first three are solved on the basis of a certain system, where the function of the '+' remains the same. Find the correct answer for the unsolved fourth equation on the same basis.

$$6 + 2 = 9 \quad \text{I.} \quad 4 + 5 = 12 \quad \text{II.}$$

$$7 + 3 = 14 \quad \text{III.} \quad 3 + 3 = ? \quad \text{IV.}$$

- Ans**
- ☐ 1. 3
 - ☐ 2. 9
 - ☐ 3. 12
 - ☒ 4. 6

Question ID : 94891112487

Option 1 ID : 94891149945

Option 2 ID : 94891149947

Option 3 ID : 94891149948

Option 4 ID : 94891149946

Status : Answered

Chosen Option : 4

Q.92 If '+' means 'division', '-' means 'addition', '×' means 'subtraction' and '÷' means 'multiplication', then what will be the value of the following expression?

$$[(16 \times 2) \div 2] + (4 - 3) \div 1$$

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

Question ID : 94891112486

Option 1 ID : 94891149944

Option 2 ID : 94891149942

Option 3 ID : 94891149941

Option 4 ID : 94891149943

Status : Answered

Chosen Option : 1

Q.93 My elder sister showed me a picture of a man in our family photo album and said that he was the only son of our grandmother, but he was not the brother of our mother. If our mother had only two children, one daughter and a son, then how am I related to the man?

- Ans**
- ☒ 1. Son
 - ☐ 2. Father
 - ☐ 3. Paternal uncle
 - ☐ 4. Niece

Question ID : 94891112477

Option 1 ID : 94891149908

Option 2 ID : 94891149906

Option 3 ID : 94891149905

Option 4 ID : 94891149907

Status : Answered

Chosen Option : 1

Q.94 Six teams DD, MI, RCB, KKR, RR and CSK are compared on the basis of the number of matches won by them in 2019. DD won more matches than RR and RCB but less matches than MI and CSK. KKR won more matches than MI but less matches than CSK. Who won the most numbers of matches?

- Ans**
- ☐ 1. MI
 - ☐ 2. KKR
 - ☐ 3. RCB
 - ☒ 4. CSK

Question ID : 94891112502

Option 1 ID : 94891150006

Option 2 ID : 94891150005

Option 3 ID : 94891150008

Option 4 ID : 94891150007

Status : Answered

Chosen Option : 4

Q.95 Of the four given equations, the first three are solved on the basis of a certain system, where the function of the shape “

♥” remains the same. Find the correct answer for the unsolved fourth equation on the same basis.

$$7 \heartsuit 3 = 8$$

$$4 \heartsuit 4 = 5$$

$$6 \heartsuit 7 = 7$$

$$a \heartsuit b = ?$$

Ans

☐ 1. $\frac{(ab + b)}{a}$

☐ 2. $\frac{(a - b)}{ab}$

☒ 3. $\frac{(ab + b)}{b}$

☐ 4. $\frac{ab}{(a + b)}$

Question ID : 94891112485

Option 1 ID : 94891149937

Option 2 ID : 94891149938

Option 3 ID : 94891149940

Option 4 ID : 94891149939

Status : Answered

Chosen Option : 3

Q.96 In a certain code language, OPIOPOPIOP is written as OIPOPPIOPL. How will WFKFKWKWFFWK be written as in that code language?

Ans ☐ 1. FKWKWFWFKFWK

☐ 2. FKWWFKFWKFKW

☒ 3. FKWKWFFWKWFK

☐ 4. FKWFWKWFKKWF

Question ID : 94891112475

Option 1 ID : 94891149897

Option 2 ID : 94891149900

Option 3 ID : 94891149898

Option 4 ID : 94891149899

Status : Not Answered

Chosen Option : --

Q.97 How will you write 2.47 hours in hours, minutes and seconds?

- Ans
- ☒ 1. 2 hours, 28 minutes, 12 seconds
 - ☐ 2. 2 hours, 40 minutes, 47 seconds
 - ☐ 3. 2 hours, 47 minutes
 - ☐ 4. 2 hours, 40 minutes, 7 seconds

Question ID : 94891112479

Option 1 ID : 94891149916

Option 2 ID : 94891149915

Option 3 ID : 94891149913

Option 4 ID : 94891149914

Status : Answered

Chosen Option : 1

Q.98 In a certain code language, AMFMAFAA is written as FMAFAAAM. Which of the given options will be the code for DODADODA in that code language?

- Ans
- ☐ 1. ADODADOD
 - ☐ 2. AODADODD
 - ☒ 3. DADODADO
 - ☐ 4. DODODAAD

Question ID : 94891112474

Option 1 ID : 94891149894

Option 2 ID : 94891149896

Option 3 ID : 94891149895

Option 4 ID : 94891149893

Status : Answered

Chosen Option : 4

Q.99 Without assuming anything beyond the information given, select the correct nature of relationship between the two events A and B.

Events:

A: Tabu, accidentally, killed Nikhil during self-defense.

B: Nikhil was approaching Tabu to kill her.

Ans ✓ 1.

Event A is the effect and event B is its immediate and principal cause.

✗ 2.

Event B is an effect but event A is not its immediate and principal cause.

✗ 3.

Event A is the immediate and principal cause and event B is its effect.

✗ 4.

Event A is an effect but event B is not its immediate and principal cause.

Question ID : 94891112482

Option 1 ID : 94891149925

Option 2 ID : 94891149928

Option 3 ID : 94891149926

Option 4 ID : 94891149927

Status : Answered

Chosen Option : 1

Q.100 If a cube of side 20 cm is divided into smaller cubes of side 4 cm, then what is the total number of smaller cubes?

Ans ✗ 1. 64
✓ 2. 125
✗ 3. 100
✗ 4. 27

Question ID : 94891112500

Option 1 ID : 94891149997

Option 2 ID : 94891150000

Option 3 ID : 94891149998

Option 4 ID : 94891149999

Status : Answered

Chosen Option : 2