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.

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 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**

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**
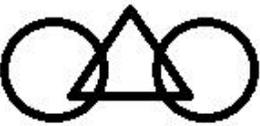Option 4 ID : **94891148944**
Status : **Answered**
Chosen Option : **2**

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. $9\dfrac{3}{13}$ days

✗ 2. $9\dfrac{4}{13}$ days

✗ 3. $9\dfrac{1}{13}$ days

✗ 4. $9\dfrac{2}{13}$ 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. Protem 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. $\csc^2\theta$

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
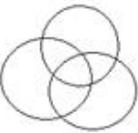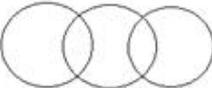
Question ID : **94891112498**
Option 1 ID : **94891149991**
Option 2 ID : **94891149992**
Option 3 ID : **94891149990**
Option 4 ID : **94891149989**
Status : **Answered**
Chosen Option : **1**

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.
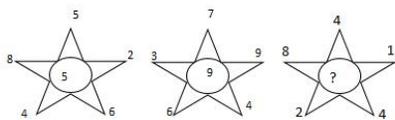
Ans ✗ 1. 6

✗ 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. $\frac{1}{2}$

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

Ans

✗ 1. Polyester

✔ 2. Khadi

✗ 3. Wool

✗ 4. Silk

Q.70 Which of the following real numbers has the maximum value? $\sqrt{2}, \sqrt[3]{3}, \sqrt[4]{4}$ and $\sqrt[6]{5}$

Ans

✗ 1. $\sqrt[4]{4}$

✔ 2. $\sqrt[3]{3}$

✗ 3. $\sqrt{2}$

✗ 4. $\sqrt[6]{5}$

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 $(\mathrm{cosec}\theta + \cot\theta) \times (1 - \cos\theta)$ is:

Ans
✗ 1. $\cos\theta$
✗ 2. $\mathrm{cosec}\theta$
✔ 3. $\sin\theta$
✗ 4. $\sec\theta$

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

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

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
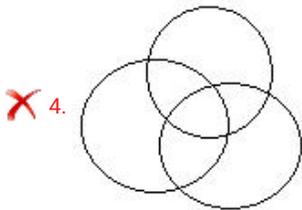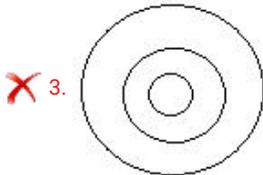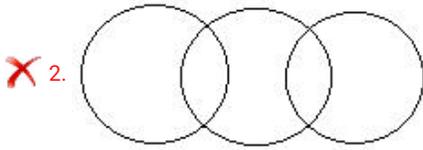
✗ 1. ₹10 lakh

✗ 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.

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.

Production of electric iron (in thousand numbers) by three companies P, Q and R over 6 years
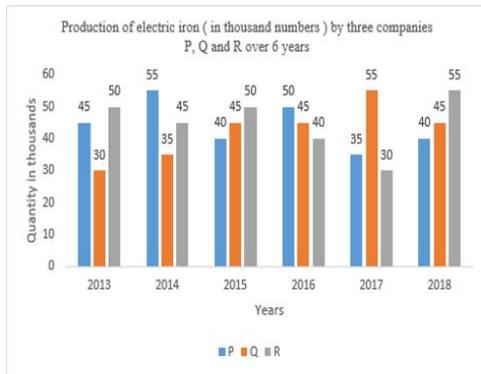
For company Q, what is the approximate percentage increase in the production of electric irons from 2013 to 2016?

Ans   ✗ 1. 65%

     ✔ 2. 50%

     ✗ 3. 60%

     ✗ 4. 57%

Question ID : **94891112489**
Option 1 ID : **94891149956**
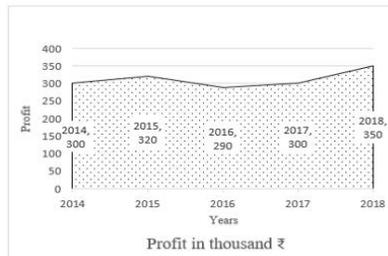Option 2 ID : **94891149955**
Option 3 ID : **94891149954**
Option 4 ID : **94891149953**
Status : **Answered**
Chosen Option : **2**

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.

Profit in thousand ₹

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**
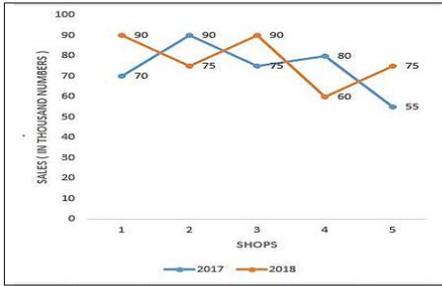Option 1 ID : **94891149958**
Option 2 ID : **94891149960**
Option 3 ID : **94891149959**
Option 4 ID : **94891149957**
Status : **Answered**
Chosen Option : **4**

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%

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Question ID : **94891112491**

Option 1 ID : **94891149963**

Option 2 ID : **94891149961**

Option 3 ID : **94891149964**

Option 4 ID : **94891149962**

Status : **Answered**

Chosen Option : **2**

</div>

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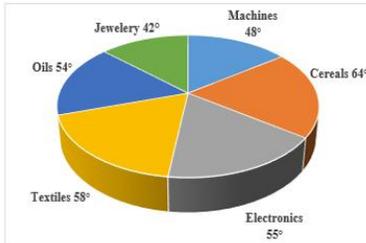
If the amount spent on importing only machines during the year was ₹8 crore, then what was the total amount (approximate) spent on importing all the various products in that year?

Ans ✔ 1. ₹60 crore

✗ 2. ₹20 crore

✗ 3. ₹30 crore

✗ 4. ₹40 crore

<div style="border:1px solid #000; padding:10px;">

Question ID : **94891112492**

Option 1 ID : **94891149968**

Option 2 ID : **94891149965**

Option 3 ID : **94891149966**

Option 4 ID : **94891149967**

Status : **Answered**

Chosen Option : **1**

</div>

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   4 ✦ 5 = 12
　　I.　　　　　　II.

7 ✦ 3 = 14   3 ✦ 3 = ?
　　III.　　　　　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 ● 3 = 8
4 ● 4 = 5
6 ● 7 = 7
a ● b = ?

Ans

✗ 1. $\dfrac{(ab + b)}{a}$

✗ 2. $\dfrac{(a - b)}{ab}$

✔ 3. $\dfrac{(ab + b)}{b}$

✗ 4. $\dfrac{ab}{(a + b)}$

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, OPIOIPOPPIOP is written as OIPOPPIOPOPI. 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, accidently, 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**