रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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

सत्यमेव जयते

Participant ID	
Participant Name	
Test Center Name	
Test Date	18/01/2021
Test Time	3:00 PM - 4:30 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 In certain code language, HONEY is coded as 8-12-13-5-2. How will PATCH be coded in that language?

Ans
✗ 1. 16-1-20-3-18
✗ 2. 11-1-20-3-8
✗ 3. 16-1-7-3-8
✓ 4. 11-1-7-3-8

Question ID : **9489112179**
Option 1 ID : **9489118716**
Option 2 ID : **9489118713**
Option 3 ID : **9489118714**
Option 4 ID : **9489118715**
Status : **Answered**
Chosen Option : **1**

Q.2 8 boys A, B, C, D, E, F, G and H are sitting around a square table facing towards the centre (not necessarily in the same order). Two boys are sitting on each side. D is second to the right of A. H and D sit on the opposite sides. H is either third to the left of D or third to the right of D. A and B are sitting on the same side. E is not the neighbour of H or D. F is not the neighbour of E and H.
Who are the neighbours of E?

Ans
✓ 1. C and G
✗ 2. H and A
✗ 3. A and D
✗ 4. B and D

Question ID : **9489112200**
Option 1 ID : **9489118798**
Option 2 ID : **9489118799**
Option 3 ID : **9489118797**
Option 4 ID : **9489118800**
Status : **Answered**
Chosen Option : **1**

Q.3 Excluding stoppage station, the speed of a train is 60 km/h and including stoppage station it travels at a speed of 45 km/h. For how many minutes does the train stop per hour?

Ans

✗ 1. 30 min

✗ 2. 10 min

✗ 3. 20 min

✓ 4. 15 min

Question ID : **9489114362**
Option 1 ID : **94891117448**
Option 2 ID : **94891117445**
Option 3 ID : **94891117447**
Option 4 ID : **94891117446**
Status : **Not Answered**
Chosen Option : **--**

Q.4 Four cities have been listed, out of which three are alike in some manner and one is different. Select the odd one.

Ans

✗ 1. Bhopal

✗ 2. Chandigarh

✗ 3. Gandhinagar

✓ 4. Kanpur

Question ID : **9489112193**
Option 1 ID : **9489118771**
Option 2 ID : **9489118769**
Option 3 ID : **9489118770**
Option 4 ID : **9489118772**
Status : **Answered**
Chosen Option : **4**

Q.5 What is the term used for the direct exchange of goods or services without the use of tokens, credit or money?

Ans

✗ 1. Commodity money

✓ 2. Barter

✗ 3. Tallies

✗ 4. Balance of trade

Question ID : **9489112222**
Option 1 ID : **9489118887**
Option 2 ID : **9489118885**
Option 3 ID : **9489118888**
Option 4 ID : **9489118886**
Status : **Answered**
Chosen Option : **2**

Q.6 If 0.75 : x :: 2.5 : 8, then the value of x will be equal to:

Ans
1. 1.5
2. 0.42
3. 0.50
4. 2.4

Question ID : **9489114356**
Option 1 ID : **94891117422**
Option 2 ID : **94891117424**
Option 3 ID : **94891117421**
Option 4 ID : **94891117423**
Status : **Answered**
Chosen Option : **4**

Q.7 What will be the cost (in ₹) of 15.2 kg of rice if the cost of 1 kg rice is ₹45?

Ans
1. 684
2. 325
3. 615
4. 425

Question ID : **9489114350**
Option 1 ID : **94891117400**
Option 2 ID : **94891117397**
Option 3 ID : **94891117399**
Option 4 ID : **94891117398**
Status : **Answered**
Chosen Option : **1**

Q.8 Which of the following is the first large-scale iron and steel plants in India?

Ans
1. Bokaro Steel Plant
2. Bhilai Steel Plant
3. Sterlite Steel Plant
4. TISCO

Question ID : **9489112243**
Option 1 ID : **9489118972**
Option 2 ID : **9489118971**
Option 3 ID : **9489118970**
Option 4 ID : **9489118969**
Status : **Answered**
Chosen Option : **2**

Q.9 Which of the following fractions is greater than $\frac{8}{5}$ and less than $\frac{7}{4}$?

Ans
1. $\frac{2}{7}$ ✗
2. $\frac{8}{3}$ ✗
3. $\frac{19}{11}$ ✓
4. $\frac{1}{4}$ ✗

Question ID : **9489114347**
Option 1 ID : **94891117386**
Option 2 ID : **94891117387**
Option 3 ID : **94891117385**
Option 4 ID : **94891117388**
Status : **Answered**
Chosen Option : **2**

Q.10 Which of the following books is written by Megasthenes?

Ans
1. Malvikagnimitram ✗
2. Harshacharita ✗
3. Indica ✓
4. Yajnavalkya Smriti ✗

Question ID : **9489112218**
Option 1 ID : **9489118872**
Option 2 ID : **9489118869**
Option 3 ID : **9489118871**
Option 4 ID : **9489118870**
Status : **Answered**
Chosen Option : **3**

Q.11 Which of the following Indian state has highest production from Viticulture?

Ans
1. Uttar Pradesh ✗
2. Jammu and Kashmir ✗
3. Maharashtra ✓
4. Bihar ✗

Question ID : **9489112226**
Option 1 ID : **9489118901**
Option 2 ID : **9489118903**
Option 3 ID : **9489118904**
Option 4 ID : **9489118902**
Status : **Marked For Review**
Chosen Option : **2**

Q.12 Which of the following dance forms does NOT belong to Rajasthan?

Ans

✔ 1. Lavani

✘ 2. Ghoomar

✘ 3. Kalbelia

✘ 4. Gangaur

Question ID : **9489112208**
Option 1 ID : **9489118832**
Option 2 ID : **9489118829**
Option 3 ID : **9489118831**
Option 4 ID : **9489118830**
Status : **Answered**
Chosen Option : **1**

Q.13 Among the four numbers given, three are alike in some manner and one is different. Select the number that is different from the rest.

Ans

✘ 1. 84

✘ 2. 63

✘ 3. 49

✔ 4. 50

Question ID : **9489112194**
Option 1 ID : **9489118774**
Option 2 ID : **9489118773**
Option 3 ID : **9489118776**
Option 4 ID : **9489118775**
Status : **Answered**
Chosen Option : **4**

Q.14 A shopkeeper sells a chair for ₹639 and incurs a loss of 10%. What is the cost price (in ₹) of the chair?

Ans

✘ 1. 700

✘ 2. 615

✘ 3. 600

✔ 4. 710

Question ID : **9489114355**
Option 1 ID : **94891117420**
Option 2 ID : **94891117419**
Option 3 ID : **94891117417**
Option 4 ID : **94891117418**
Status : **Answered**
Chosen Option : **4**

Q.15 What is contour ploughing?

Ans
1. Ploughing on plains along the contour lines
2. Ploughing on barren land along the contour lines.
3. Ploughing in a zig-zag manner along the contour lines.
4. Ploughing on sloping land along the contour lines.

Question ID : **9489112223**
Option 1 ID : **9489118889**
Option 2 ID : **9489118891**
Option 3 ID : **9489118890**
Option 4 ID : **9489118892**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Name the female weightlifter from Manipur who has received India's highest sporting honour, Rajiv Gandhi Khel Ratna for 2018.

Ans
1. Mary Kom
2. Saikhom Mirabai Chanu
3. Hima Das
4. Karnam Malleswari

Question ID : **9489112206**
Option 1 ID : **9489118823**
Option 2 ID : **9489118821**
Option 3 ID : **9489118822**
Option 4 ID : **9489118824**
Status : **Answered**
Chosen Option : **1**

Q.17 Ram bought a cycle for ₹1,900 and sold it for ₹1,862. What was the percentage loss?

Ans
1. 6%
2. 4%
3. 8%
4. 2%

Question ID : **9489114354**
Option 1 ID : **94891117415**
Option 2 ID : **94891117414**
Option 3 ID : **94891117416**
Option 4 ID : **94891117413**
Status : **Answered**
Chosen Option : **4**

Q.18 Which of the following is responsible for dwarfism in humans?

Ans
1. Pancreas
2. Thyroxin
3. Pituitary
4. Adrenaline

Question ID : **9489112216**
Option 1 ID : **9489118861**
Option 2 ID : **9489118863**
Option 3 ID : **9489118862**
Option 4 ID : **9489118864**
Status : **Answered**
Chosen Option : **2**

Q.19 The L.C.M. of any two consecutive positive integers x and x+1 is:

Ans
1. x
2. (x) (x+1)
3. 1
4. x+1

Question ID : **9489114352**
Option 1 ID : **94891117406**
Option 2 ID : **94891117408**
Option 3 ID : **94891117405**
Option 4 ID : **94891117407**
Status : **Answered**
Chosen Option : **2**

Q.20 The value of $80.6 \div 4030 = ?$

Ans
1. 0.2
2. 2
3. 0.02
4. 20

Question ID : **9489114346**
Option 1 ID : **94891117381**
Option 2 ID : **94891117384**
Option 3 ID : **94891117382**
Option 4 ID : **94891117383**
Status : **Answered**
Chosen Option : **3**

Q.21 Read the given statement carefully and decide which of the given conclusions logically follows from the statement.

Statement:

Every school has students.

Ans

✔ 1. Conclusion 3: No school is without students.

✘ 2. Conclusion 4: Some schools do not have teachers.

✘ 3. Conclusion 1: Students are only in school.

✘ 4. Conclusion 2: Schools are meant for students only.

Question ID : **9489112181**
Option 1 ID : **9489118723**
Option 2 ID : **9489118724**
Option 3 ID : **9489118721**
Option 4 ID : **9489118722**
Status : **Answered**
Chosen Option : **1**

Q.22 In a certain code language, MODERN is coded as QSHIVR. Which of the given options would be coded as WMIRG in that language?

Ans

✘ 1. SNEIC

✘ 2. SINEC

✘ 3. SEINC

✔ 4. SIENC

Question ID : **9489112178**
Option 1 ID : **9489118712**
Option 2 ID : **9489118711**
Option 3 ID : **9489118709**
Option 4 ID : **9489118710**
Status : **Answered**
Chosen Option : **4**

Q.23 Select the correct sequence of words in the order in which they appear in an English dictionary.

Ans

✔ 1. Practical → Practise → Praise → Prank → Prayer

✘ 2. Praise → Practical → Prank → Prayer → Practise

✘ 3. Praise → Practical → Prayer → Practise → Prank

✘ 4. Practical → Prank → Prayer → Practise → Praise

Question ID : **9489112183**
Option 1 ID : **9489118732**
Option 2 ID : **9489118729**
Option 3 ID : **9489118730**
Option 4 ID : **9489118731**
Status : **Answered**
Chosen Option : **1**

Q.24 Select the option in which the numbers are related in the same way as are the numbers in the given set.

4, 20, 28

Ans

✗ 1. 8, 32, 64

✗ 2. 6, 24, 48

✓ 3. 12, 60, 84

✗ 4. 2, 18, 24

Question ID : **9489112174**
Option 1 ID : **9489118696**
Option 2 ID : **9489118694**
Option 3 ID : **9489118693**
Option 4 ID : **9489118695**
Status : **Answered**
Chosen Option : **3**

Q.25 The value of $\left(\frac{32}{5}\right) \times 92 + \left(\frac{3}{5}\right) \times 2$ is:

Ans

✗ 1. 401

✓ 2. 590

✗ 3. 812

✗ 4. 502

Question ID : **9489114344**
Option 1 ID : **94891117373**
Option 2 ID : **94891117375**
Option 3 ID : **94891117376**
Option 4 ID : **94891117374**
Status : **Answered**
Chosen Option : **2**

Q.26 Which of the following countries became the first post-communist country of the EU to legalize same sex marriage?

Ans

✗ 1. Hungary

✗ 2. Albania

✓ 3. Czech Republic

✗ 4. Croatia

Question ID : **9489112207**
Option 1 ID : **9489118827**
Option 2 ID : **9489118825**
Option 3 ID : **9489118826**
Option 4 ID : **9489118828**
Status : **Not Answered**
Chosen Option : **--**

Q.27 Who is the highest Law Officer of the Government of India?

Ans

✗ 1. Major General of the Gendarmerie

✗ 2. Comptroller and Auditor General of India

✗ 3. Advocate General of the State

✓ 4. Attorney General for India

Question ID : **9489112229**
Option 1 ID : **9489118914**
Option 2 ID : **9489118915**
Option 3 ID : **9489118913**
Option 4 ID : **9489118916**
Status : **Answered**
Chosen Option : **4**

Q.28 The value of $\cos 75° + \sin 15°$ is equal to:

Ans

✓ 1. $\frac{\sqrt{3}-1}{\sqrt{2}}$

✗ 2. $\frac{\sqrt{3}}{\sqrt{2}}$

✗ 3. $\frac{\sqrt{2}}{\sqrt{3}}$

✗ 4. $\frac{\sqrt{3}+1}{\sqrt{2}}$

Question ID : **9489114371**
Option 1 ID : **94891117481**
Option 2 ID : **94891117483**
Option 3 ID : **94891117484**
Option 4 ID : **94891117482**
Status : **Answered**
Chosen Option : **4**

Q.29 What is the value of the following expression?

$$\frac{\sqrt{7}-\sqrt{3}}{\sqrt{7}+\sqrt{3}}+\frac{\sqrt{7}+\sqrt{3}}{\sqrt{7}-\sqrt{3}}+\frac{\sqrt{3}+1}{\sqrt{3}-1}+\frac{\sqrt{3}-1}{\sqrt{3}+1}$$

Ans

✗ 1. 1

✓ 2. 9

✗ 3. $\frac{1}{2}$

✗ 4. 0

Question ID : **9489114353**
Option 1 ID : **94891117412**
Option 2 ID : **94891117410**
Option 3 ID : **94891117411**
Option 4 ID : **94891117409**
Status : **Answered**
Chosen Option : **3**

Q.30 What is the name of the scheme launched by the Government of India to achieve a clean and open defecation-free India?

Ans

✗ 1. Swachhata Hi Sewa

✓ 2. Swachh Bharat Abhiyan

✗ 3. Clean India

✗ 4. Swachh Raho, Swastha Raho

Question ID : **9489112235**
Option 1 ID : **9489118937**
Option 2 ID : **9489118940**
Option 3 ID : **9489118938**
Option 4 ID : **9489118939**
Status : **Answered**
Chosen Option : **2**

Q.31 The sulphide ores are converted into oxides by heating strongly in the presence of excess air. This process is known as:

Ans

✗ 1. blazing

✓ 2. roasting

✗ 3. burning

✗ 4. heating

Question ID : **9489112214**
Option 1 ID : **9489118856**
Option 2 ID : **9489118854**
Option 3 ID : **9489118853**
Option 4 ID : **9489118855**
Status : **Answered**
Chosen Option : **2**

Q.32 Which of the following is known as the highest battlefield of the world?

Ans

✗ 1. Nanda Devi glacier

✓ 2. Siachin glacier

✗ 3. Rathong glacier

✗ 4. Gangotri glacier

Question ID : **9489112209**
Option 1 ID : **9489118833**
Option 2 ID : **9489118835**
Option 3 ID : **9489118834**
Option 4 ID : **9489118836**
Status : **Answered**
Chosen Option : **2**

Q.33 The movement of a sunflower facing the sun is called:

Ans
✗ 1. locomotion
✗ 2. rotation
✓ 3. phototropism
✗ 4. movement

Question ID : **9489112213**
Option 1 ID : **9489118850**
Option 2 ID : **9489118852**
Option 3 ID : **9489118849**
Option 4 ID : **9489118851**
Status : **Answered**
Chosen Option : **3**

Q.34 If $\theta = 45°$, then what will be the value of $\frac{\sin\theta + \cos\theta}{\sin\theta - \cos\theta}$?

Ans
✗ 1. 1
✓ 2. ∞
✗ 3. -1
✗ 4. 0

Question ID : **9489114368**
Option 1 ID : **94891117469**
Option 2 ID : **94891117471**
Option 3 ID : **94891117470**
Option 4 ID : **94891117472**
Status : **Answered**
Chosen Option : **2**

Q.35 The first Indian woman judge of the Supreme Court of India was:

Ans
✗ 1. R Bhanumathi
✓ 2. Fatima Beevi
✗ 3. Indira Banerjee
✗ 4. Indu Malhotra

Question ID : **9489112227**
Option 1 ID : **9489118905**
Option 2 ID : **9489118907**
Option 3 ID : **9489118906**
Option 4 ID : **9489118908**
Status : **Not Answered**
Chosen Option : **--**

Q.36 9 persons A, B, C, D, E, F, G, H and I are sitting in a row facing towards north (not necessarily in the same order). G sits fourth to the right of B. F is fourth to the right of C and is second to the left of I. D is not the neighbour of I and B. There are only three persons between E and A. G is second to the right of C. I is fifth to the right of A. Which of the given options correctly identifies the seating position of three of the nine persons mentioned above?

Ans

✗ 1. B between C and H

✓ 2. D between F and G

✗ 3. B between E and I

✗ 4. C between A and G

Question ID : **9489112199**
Option 1 ID : **9489118796**
Option 2 ID : **9489118793**
Option 3 ID : **9489118794**
Option 4 ID : **9489118795**
Status : **Answered**
Chosen Option : **4**

Q.37 If radius of a sphere is 21 cm, what will be its volume?

Ans

✗ 1. 3500 cm^3

✗ 2. 3800 cm^3

✗ 3. 37050 cm^3

✓ 4. 38808 cm^3

Question ID : **9489114365**
Option 1 ID : **94891117458**
Option 2 ID : **94891117457**
Option 3 ID : **94891117460**
Option 4 ID : **94891117459**
Status : **Not Answered**
Chosen Option : **--**

Q.38 A can complete a task in the same time in which B and C together can complete it. If A and B together can complete it in 10 days and C alone can complete it in 60 days, then B alone can complete it in:

Ans

✗ 1. 22 days

✗ 2. 23 days

✗ 3. 21 days

✓ 4. 24 days

Question ID : **9489114363**
Option 1 ID : **94891117450**
Option 2 ID : **94891117451**
Option 3 ID : **94891117449**
Option 4 ID : **94891117452**
Status : **Not Answered**
Chosen Option : **--**

Q.39 If the length and the breadth of a rectangle are in the ratio of 7 : 4 and its area is 12348 cm^2, what will be the length of the rectangle?

Ans

✗ 1. 105 cm

✓ 2. 147 cm

✗ 3. 120 cm

✗ 4. 84 cm

Question ID : **9489114366**
Option 1 ID : **94891117463**
Option 2 ID : **94891117462**
Option 3 ID : **94891117464**
Option 4 ID : **94891117461**
Status : **Answered**
Chosen Option : **2**

Q.40 NITI Aayog is a policy Think Tank of the Government of India. It replaced:

Ans

✗ 1. Finance Commission of India

✗ 2. Election Commission of India

✗ 3. National Development Council

✓ 4. Planning Commission of India

Question ID : **9489112228**
Option 1 ID : **9489118911**
Option 2 ID : **9489118910**
Option 3 ID : **9489118912**
Option 4 ID : **9489118909**
Status : **Answered**
Chosen Option : **4**

Q.41 What is the value of the following expression?

$$\frac{(2.7)^2 - (0.8)^2}{2.7 - 0.8}$$

Ans

✗ 1. 0

✗ 2. 7.0

✓ 3. 3.5

✗ 4. 2.5

Question ID : **9489114345**
Option 1 ID : **94891117380**
Option 2 ID : **94891117377**
Option 3 ID : **94891117378**
Option 4 ID : **94891117379**
Status : **Answered**
Chosen Option : **3**

Q.42 If '+' means '÷', '–' means '×', '÷' means '+' and '×' means '–', then find the value of the following expression.

$11 - 2 \times 4 \div 12 + 4$

Ans

✗ 1. 26

✗ 2. 7.5

✓ 3. 21

✗ 4. 18

Question ID : **9489112184**
Option 1 ID : **9489118736**
Option 2 ID : **9489118733**
Option 3 ID : **9489118735**
Option 4 ID : **9489118734**
Status : **Answered**
Chosen Option : **3**

Q.43 Which one of the following is NOT a wired broadband?

Ans

✗ 1. Cable

✗ 2. Digital Subscriber Line

✓ 3. Satellite

✗ 4. Dial-up

Question ID : **9489112237**
Option 1 ID : **9489118947**
Option 2 ID : **9489118948**
Option 3 ID : **9489118945**
Option 4 ID : **9489118946**
Status : **Answered**
Chosen Option : **3**

Q.44 Seats for Mathematics, Physics and Chemistry in a school are in the ratio of 7 : 8 : 9. There is a proposal to increase the seats by 30%, 40% and 50% respectively. What will be the ratio of increased seats?

Ans

✓ 1. 91 : 112 : 135

✗ 2. 35 : 37 : 91

✗ 3. 112 : 91 : 135

✗ 4. 135 : 112 : 91

Question ID : **9489114360**
Option 1 ID : **94891117438**
Option 2 ID : **94891117440**
Option 3 ID : **94891117437**
Option 4 ID : **94891117439**
Status : **Answered**
Chosen Option : **1**

Q.45 The first site discovered at the Indus Valley Civilisation is:

Ans

✗ 1. Lothal

✓ 2. Harappa

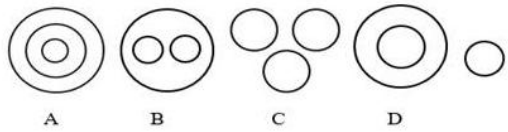
✗ 3. Kalibangan

✗ 4. Mohenjo-Daro

Question ID : **9489112217**
Option 1 ID : **9489118865**
Option 2 ID : **9489118868**
Option 3 ID : **9489118867**
Option 4 ID : **9489118866**
Status : **Answered**
Chosen Option : **2**

Q.46 Select the Venn diagram that best represents the relationship between the following classes.

Wheat, Rice, Grain



Ans

✗ 1. D

✓ 2. B

✗ 3. A

✗ 4. C

Question ID : **9489112198**
Option 1 ID : **9489118792**
Option 2 ID : **9489118790**
Option 3 ID : **9489118789**
Option 4 ID : **9489118791**
Status : **Answered**
Chosen Option : **2**

Q.47 The UN Peacekeeping forces were awarded Nobel Prize for Peace in the year_____.

Ans

✗ 1. 2000

✗ 2. 1899

✓ 3. 1988

✗ 4. 1945

Question ID : **9489112234**
Option 1 ID : **9489118933**
Option 2 ID : **9489118936**
Option 3 ID : **9489118934**
Option 4 ID : **9489118935**
Status : **Not Answered**
Chosen Option : **--**

Q.48 Dhanurveda is the upveda of the Yajurveda. It deals with:

Ans
✔ 1. art of warfare
✘ 2. architecture
✘ 3. art and music
✘ 4. medicine

Question ID : **9489112221**
Option 1 ID : **9489118883**
Option 2 ID : **9489118884**
Option 3 ID : **9489118882**
Option 4 ID : **9489118881**
Status : **Answered**
Chosen Option : **1**

Q.49 _____ is the first rapper to win Pulitzer Prize for music.

Ans
✘ 1. Joyner Lucas
✘ 2. J. Cole
✔ 3. Kendrick Lamar
✘ 4. Eminem

Question ID : **9489112205**
Option 1 ID : **9489118819**
Option 2 ID : **9489118818**
Option 3 ID : **9489118820**
Option 4 ID : **9489118817**
Status : **Answered**
Chosen Option : **4**

Q.50 Which of the following nation has one of the largest domestic communication satellite systems in Asia-Pacific region?

Ans
✘ 1. Nepal
✔ 2. India
✘ 3. Sri Lanka
✘ 4. Bangladesh

Question ID : **9489112231**
Option 1 ID : **9489118921**
Option 2 ID : **9489118922**
Option 3 ID : **9489118924**
Option 4 ID : **9489118923**
Status : **Answered**
Chosen Option : **2**

Q.51 If a man travels at a speed of 15 km/h instead of travelling at a speed of 9 km/h, he travels 30 km more. The actual distance travelled by him is:

Ans

✔ 1. 45 km

✘ 2. 43 km

✘ 3. 42 km

✘ 4. 41 km

Question ID : **9489114361**
Option 1 ID : **94891117443**
Option 2 ID : **94891117442**
Option 3 ID : **94891117444**
Option 4 ID : **94891117441**
Status : **Answered**
Chosen Option : **3**

Q.52 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

WFB, TGD, QHF, ?

Ans

✘ 1. NJK

✘ 2. NIK

✘ 3. NIJ

✔ 4. NIH

Question ID : **9489112186**
Option 1 ID : **9489118743**
Option 2 ID : **9489118742**
Option 3 ID : **9489118741**
Option 4 ID : **9489118744**
Status : **Answered**
Chosen Option : **4**

Q.53 Lander of Chandrayaan-2 was named after the Scientist:

Ans

✘ 1. K Kasturirangan

✘ 2. K Sivan

✘ 3. A P J Abdul Kalam

✔ 4. Vikram Sarabhai

Question ID : **9489112232**
Option 1 ID : **9489118927**
Option 2 ID : **9489118928**
Option 3 ID : **9489118926**
Option 4 ID : **9489118925**
Status : **Answered**
Chosen Option : **4**

Q.54 The song of lament 'the life has gone out of the body ' is associated with Nawab _____ of the State of Awadh.

Ans

✗ 1. Saadat Ali Khan

✗ 2. Wazir Ali Khan

✓ 3. Wajid Ali Shah

✗ 4. Muhammad Ali Shah

Question ID : **9489112220**
Option 1 ID : **9489118877**
Option 2 ID : **9489118878**
Option 3 ID : **9489118880**
Option 4 ID : **9489118879**
Status : **Not Answered**
Chosen Option : **--**

Q.55 Which of the following statements is INCORRECT?

Ans

✓ 1. Blood helps in sensory inputs.

✗ 2.
Blood carries oxygen from the lungs to the other parts of the body.

✗ 3. Blood protects the body from disease.

✗ 4.
Blood carries carbon dioxide from the body cells to the lungs.

Question ID : **9489112212**
Option 1 ID : **9489118847**
Option 2 ID : **9489118845**
Option 3 ID : **9489118848**
Option 4 ID : **9489118846**
Status : **Answered**
Chosen Option : **2**

Q.56 Which of the following options is equivalent to $\frac{(x^3-y^3)(x^2+5x+6)(x^4-16)}{(x-y)(x+3)(x-2)(x^2+4)}$?

Ans

✗ 1. (x^2+y^2-xy)

✗ 2. $(x^2+y^2-xy)(x+2)^2$

✗ 3. $(x+2)^2$

✓ 4. $(x^2+y^2+xy)(x+2)^2$

Question ID : **9489114367**
Option 1 ID : **94891117466**
Option 2 ID : **94891117467**
Option 3 ID : **94891117465**
Option 4 ID : **94891117468**
Status : **Answered**
Chosen Option : **4**

Q.57 What is the product of LCM and HCF of 18 and 42?

Ans
1. 746
2. 736
3. 756
4. 766

Question ID : **9489114348**
Option 1 ID : **94891117391**
Option 2 ID : **94891117390**
Option 3 ID : **94891117389**
Option 4 ID : **94891117392**
Status : **Answered**
Chosen Option : **3**

Q.58 The General Agreement on Tariffs and Trade came into existence in the year:

Ans
1. 1950
2. 1995
3. 1948
4. 1945

Question ID : **9489112224**
Option 1 ID : **9489118893**
Option 2 ID : **9489118894**
Option 3 ID : **9489118896**
Option 4 ID : **9489118895**
Status : **Answered**
Chosen Option : **4**

Q.59 If LCM and HCF of two numbers are 70 and 7 respectively and if one number is 35, then what will be the second number?

Ans
1. 40
2. 25
3. 49
4. 14

Question ID : **9489114349**
Option 1 ID : **94891117395**
Option 2 ID : **94891117396**
Option 3 ID : **94891117393**
Option 4 ID : **94891117394**
Status : **Answered**
Chosen Option : **4**

Q.60 Which of the following cities is known as Scotland of the East?

Ans
1. Silchar
2. Imphal
3. Aizawl
4. Shillong

Question ID : **9489112210**
Option 1 ID : **9489118839**
Option 2 ID : **9489118840**
Option 3 ID : **9489118837**
Option 4 ID : **9489118838**
Status : **Answered**
Chosen Option : **4**

Q.61 When was the None Of The Above (NOTA) option first used in the assembly election in India?

Ans
1. August 1947
2. November 2013
3. October 2000
4. January 1950

Question ID : **9489112242**
Option 1 ID : **9489118965**
Option 2 ID : **9489118966**
Option 3 ID : **9489118968**
Option 4 ID : **9489118967**
Status : **Not Answered**
Chosen Option : **--**

Q.62 Dividing ₹742 into two parts in the ratio of 5 : 9 will give the two parts as:

Ans
1. ₹265, ₹477
2. ₹260, ₹482
3. ₹290, ₹452
4. ₹275, ₹467

Question ID : **9489114358**
Option 1 ID : **94891117429**
Option 2 ID : **94891117432**
Option 3 ID : **94891117430**
Option 4 ID : **94891117431**
Status : **Answered**
Chosen Option : **1**

Q.63 Who became the last governor-general and first viceroy of India during the rule of the British crown?

Ans

✗ 1. Lord William Bentinck

✗ 2. Lord Dalhousie

✓ 3. Lord Canning

✗ 4. Sir John Macpherson

Question ID : **9489112219**
Option 1 ID : **9489118874**
Option 2 ID : **9489118875**
Option 3 ID : **9489118873**
Option 4 ID : **9489118876**
Status : **Answered**
Chosen Option : **1**

Q.64 What is the value of the following expression?

$$\frac{1 + \sec\theta + \tan\theta}{1 + \sec\theta - \tan\theta}$$

Ans

✗ 1. $\frac{1 - \tan\frac{\theta}{2}}{\tan\frac{\theta}{2}}$

✗ 2. $\frac{1 - \tan\frac{\theta}{2}}{1 + \tan\frac{\theta}{2}}$

✓ 3. $\frac{1 + \tan\frac{\theta}{2}}{1 - \tan\frac{\theta}{2}}$

✗ 4. $\frac{1 + \tan\frac{\theta}{2}}{\tan\frac{\theta}{2}}$

Question ID : **9489114373**
Option 1 ID : **94891117492**
Option 2 ID : **94891117490**
Option 3 ID : **94891117489**
Option 4 ID : **94891117491**
Status : **Not Answered**
Chosen Option : **--**

Q.65 Which of the following is NOT generally the properties of non-metals?

Ans

✗ 1. Dull and lackluster

✓ 2. Conductors

✗ 3. Brittle

✗ 4. Light substances

Question ID : **9489112215**
Option 1 ID : **9489118859**
Option 2 ID : **9489118857**
Option 3 ID : **9489118860**
Option 4 ID : **9489118858**
Status : **Answered**
Chosen Option : **2**

Q.66 In a certain code language, R is written as 9 and D is written as 23. How will READY be written as in that language?

Ans

✗ 1. 92234232

✗ 2. 92236232

✗ 3. 92336232

✓ 4. 92226232

Question ID : **9489112188**
Option 1 ID : **9489118752**
Option 2 ID : **9489118749**
Option 3 ID : **9489118751**
Option 4 ID : **9489118750**
Status : **Answered**
Chosen Option : **4**

Q.67 As of Oct 2020, who is the Secretary-General of the UN?

Ans

✗ 1. Ban Ki-Moon

✗ 2. Boutros Boutros-Ghali

✓ 3. Antonio Guterres

✗ 4. Kofi Annan

Question ID : **9489112233**
Option 1 ID : **9489118932**
Option 2 ID : **9489118930**
Option 3 ID : **9489118931**
Option 4 ID : **9489118929**
Status : **Answered**
Chosen Option : **3**

Q.68 What will be the area of a parallelogram with base 44 cm and height 22 cm?

Ans

✔ 1. $968\ cm^2$

✘ 2. $988\ cm^2$

✘ 3. $958\ cm^2$

✘ 4. $978\ cm^2$

Question ID : **9489114364**
Option 1 ID : **94891117453**
Option 2 ID : **94891117456**
Option 3 ID : **94891117454**
Option 4 ID : **94891117455**
Status : **Not Answered**
Chosen Option : **--**

Q.69 In a triangle, right angled at B, AB = 12 cm and BC = 5 cm. What will be the value of

i) sinAcosA

ii) sinCcosC respectively?

Ans

✘ 1. $\frac{26}{169}, \frac{25}{169}$

✘ 2. $\frac{25}{169}, \frac{60}{169}$

✔ 3. $\frac{60}{169}, \frac{60}{169}$

✘ 4. $\frac{60}{169}, \frac{25}{169}$

Question ID : **9489114369**
Option 1 ID : **94891117476**
Option 2 ID : **94891117475**
Option 3 ID : **94891117474**
Option 4 ID : **94891117473**
Status : **Answered**
Chosen Option : **3**

Q.70 The value of $4\cos\left(\frac{\pi}{6}-\alpha\right)\sin\left(\frac{\pi}{3}-\alpha\right)$ is equal to:

Ans

✘ 1. $3+\sin^2\alpha$

✘ 2. $3+4\sin^2\alpha$

✘ 3. $3-\sin^2\alpha$

✔ 4. $3-4\sin^2\alpha$

Question ID : **9489114372**
Option 1 ID : **94891117487**
Option 2 ID : **94891117485**
Option 3 ID : **94891117488**
Option 4 ID : **94891117486**
Status : **Not Answered**
Chosen Option : **--**

Q.71 A and B have together ₹2,300. If $\frac{2}{5}$ of A's amount is equal to $\frac{8}{26}$ of B's amount, what amount (in ₹) does B have?

Ans

✗ 1. 1,200

✗ 2. 1,000

✓ 3. 1,300

✗ 4. 1,150

Question ID : **9489114359**
Option 1 ID : **94891117435**
Option 2 ID : **94891117433**
Option 3 ID : **94891117436**
Option 4 ID : **94891117434**
Status : **Answered**
Chosen Option : **3**

Q.72 Which of the following is the greatest three digit number that is divisible by 13?

Ans

✗ 1. 908

✗ 2. 990

✓ 3. 988

✗ 4. 575

Question ID : **9489114351**
Option 1 ID : **94891117404**
Option 2 ID : **94891117403**
Option 3 ID : **94891117401**
Option 4 ID : **94891117402**
Status : **Answered**
Chosen Option : **3**

Q.73 Which of the following is not a voice assistant?

Ans

✗ 1. Alexa

✗ 2. Siri

✗ 3. Cortana

✓ 4. Carvaan

Question ID : **9489112236**
Option 1 ID : **9489118941**
Option 2 ID : **9489118943**
Option 3 ID : **9489118944**
Option 4 ID : **9489118942**
Status : **Answered**
Chosen Option : **4**

Q.74 Where and when was the first metro train introduced in India?

Ans
1. Bombay on 26 January 1950
2. Bangalore on 2 Oct 1945
3. Kolkata on 24 Oct 1984
4. Delhi on 15 Aug 1947

Question ID : **9489112239**
Option 1 ID : **9489118955**
Option 2 ID : **9489118956**
Option 3 ID : **9489118953**
Option 4 ID : **9489118954**
Status : **Answered**
Chosen Option : **3**

Q.75 If $\cot x = 3$, then what will be the value of $\frac{(3 + 3\sin x)(1 - \sin x)}{(2 + 2\cos x)(3 - 3\cos x)}$?

Ans
1. 9
2. $\frac{9}{2}$
3. $\frac{9}{3}$
4. $\frac{9}{4}$

Question ID : **9489114370**
Option 1 ID : **94891117479**
Option 2 ID : **94891117477**
Option 3 ID : **94891117478**
Option 4 ID : **94891117480**
Status : **Not Answered**
Chosen Option : **--**

Q.76 Which of the following statements is NOT true about cottage industry?

Ans
1. Uses local raw material
2. Uses family or part-time labour
3. Requires advance technological skills
4. Involves Household Industry

Question ID : **9489112225**
Option 1 ID : **9489118900**
Option 2 ID : **9489118899**
Option 3 ID : **9489118898**
Option 4 ID : **9489118897**
Status : **Answered**
Chosen Option : **4**

Q.77 If A is 80% more than B and B is 20% less than C, then what will be the value of A : B : C?

Ans

✔ 1. 36 : 20 : 25

✘ 2. 36 : 5 : 20

✘ 3. 20 : 25 : 36

✘ 4. 36 : 25 : 20

Question ID : **9489114357**
Option 1 ID : **94891117425**
Option 2 ID : **94891117428**
Option 3 ID : **94891117426**
Option 4 ID : **94891117427**
Status : **Answered**
Chosen Option : **1**

Q.78 Name the Spanish professional tennis player known as the King of Clay.

Ans

✔ 1. Rafael Nadal Parera

✘ 2. Neale Fraser

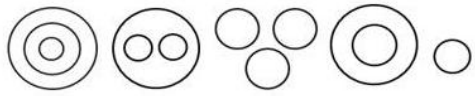
✘ 3. Roy Emerson

✘ 4. Roger Federer

Question ID : **9489112204**
Option 1 ID : **9489118815**
Option 2 ID : **9489118813**
Option 3 ID : **9489118816**
Option 4 ID : **9489118814**
Status : **Answered**
Chosen Option : **4**

Q.79 Select the Venn diagram that best represents the relationship between the following classes.

Day, Week, Year



Ans

✘ 1. C

✘ 2. B

✔ 3. A

✘ 4. D

Question ID : **9489112197**
Option 1 ID : **9489118787**
Option 2 ID : **9489118786**
Option 3 ID : **9489118785**
Option 4 ID : **9489118788**
Status : **Answered**
Chosen Option : **3**

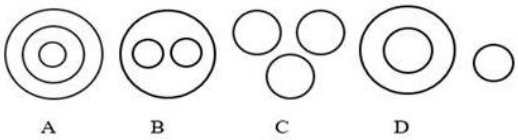
Q.80 Which of the following scientist have no contribution in the Nuclear field in India?

Ans
✔ 1. C N R Rao
✘ 2. Sekhar Basu
✘ 3. Homi J Bhabha
✘ 4. Raja Ramanna

Question ID : **9489112230**
Option 1 ID : **9489118919**
Option 2 ID : **9489118920**
Option 3 ID : **9489118918**
Option 4 ID : **9489118917**
Status : **Answered**
Chosen Option : **4**

Q.81 Select the Venn diagram that best represents the relationship between the following classes:

Vegetable, Carrot, Potato



Ans
✘ 1. A
✔ 2. B
✘ 3. D
✘ 4. C

Question ID : **9489112196**
Option 1 ID : **9489118781**
Option 2 ID : **9489118782**
Option 3 ID : **9489118784**
Option 4 ID : **9489118783**
Status : **Answered**
Chosen Option : **2**

Q.82 Netaji Subhash Chandra Bose International Airport is situated in:

Ans
✘ 1. Siliguri
✘ 2. Bhubaneswar
✔ 3. Kolkata
✘ 4. Hyderabad

Question ID : **9489112241**
Option 1 ID : **9489118962**
Option 2 ID : **9489118964**
Option 3 ID : **9489118963**
Option 4 ID : **9489118961**
Status : **Answered**
Chosen Option : **3**

Q.83 As of Oct 2020, the longest railway platform in India is in _____. It is around 1.3 km long.

Ans
✔ 1. Gorakhpur
✘ 2. Mumbai
✘ 3. Jaipur
✘ 4. Delhi

Question ID : **9489112240**
Option 1 ID : **9489118960**
Option 2 ID : **9489118958**
Option 3 ID : **9489118959**
Option 4 ID : **9489118957**
Status : **Answered**
Chosen Option : **1**

Q.84 In the URL, https://www.d2h.com/login.php, which component identifies the path of a web page?

Ans
✘ 1. www.d2h.com
✘ 2. https:
✘ 3. //www
✔ 4. /login.php

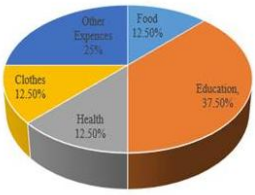
Question ID : **9489112238**
Option 1 ID : **9489118952**
Option 2 ID : **9489118950**
Option 3 ID : **9489118949**
Option 4 ID : **9489118951**
Status : **Answered**
Chosen Option : **1**

Q.85 Which of the following unicellular organism causes kala-azar?

Ans
✔ 1. Leishmania
✘ 2. Ascaris
✘ 3. Liver fluke
✘ 4. Tapeworm

Question ID : **9489112211**
Option 1 ID : **9489118841**
Option 2 ID : **9489118842**
Option 3 ID : **9489118844**
Option 4 ID : **9489118843**
Status : **Answered**
Chosen Option : **3**

Q.86 The following pie diagram shows the total expenditure (in percentage) incurred by 'X' in one month. Answer the given question based on the pie diagram.



If X does not incur 'Other Expenses' and all other expenses remain the same, what would be the approximate percentage share of education expenses in X's total expenditure?

Ans

✗ 1. 37%

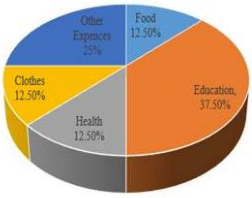
✓ 2. 50%

✗ 3. 28%

✗ 4. 33%

Question ID : **9489112189**
Option 1 ID : **9489118753**
Option 2 ID : **9489118756**
Option 3 ID : **9489118755**
Option 4 ID : **9489118754**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.87 The following pie diagram shows the total expenditure (in percentage) incurred by 'X' in one month. Answer the given question based on the pie diagram.



If X decides to save money and reduce expenditure uniformly by 20% on all heads, what would be the CHANGE in the percentage share of Education in the total expenditure incurred by X?

Ans

✗ 1. 9.38%

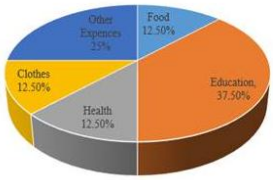
✓ 2. 0%

✗ 3. 7.5%

✗ 4. 20%

Question ID : **9489112190**
Option 1 ID : **9489118760**
Option 2 ID : **9489118757**
Option 3 ID : **9489118758**
Option 4 ID : **9489118759**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.88 The following pie diagram shows the total expenditure (in percentage) incurred by 'X' in one month. Answer the given question based on the pie diagram.



The expenditure incurred on education is as much as that incurred on:

Ans

✗ 1. Clothes and Health

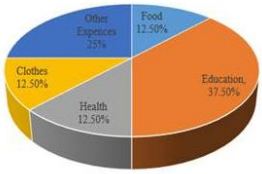
✗ 2. Health and Food

✓ 3. Food and Other expenses

✗ 4. Food and Clothes

Question ID : **9489112191**
Option 1 ID : **9489118761**
Option 2 ID : **9489118763**
Option 3 ID : **9489118762**
Option 4 ID : **9489118764**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.89 The following pie diagram shows the total expenditure (in percentage) incurred by 'X' in one month. Answer the given question based on the pie diagram.



The highest percentage of total expenditure is incurred on:

Ans

✗ 1. Food and Health

✗ 2. Health and Clothes

✓ 3. Food and Other Expenses

✗ 4. Clothes and Food

Question ID : **9489112192**
Option 1 ID : **9489118767**
Option 2 ID : **9489118765**
Option 3 ID : **9489118768**
Option 4 ID : **9489118766**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.90 How many such digits are there in the following sequence, each of which is immediately preceded as well as immediately followed by a letter?

A B 7 C D 9 Z Y * P 2 M © K S 3 ↑ 5 N T ⑨

Ans

✗ 1. One

✗ 2. Two

✗ 3. Four

✓ 4. Three

Question ID : **9489112180**
Option 1 ID : **9489118717**
Option 2 ID : **9489118718**
Option 3 ID : **9489118720**
Option 4 ID : **9489118719**
Status : **Answered**
Chosen Option : **4**

Q.91 Four activities have been listed, out of which three are alike in some manner and one is different. Select the odd one.

Ans

✗ 1. Walk

✗ 2. Run

✗ 3. Jog

✓ 4. Exercise

Question ID : **9489112175**
Option 1 ID : **9489118698**
Option 2 ID : **9489118697**
Option 3 ID : **9489118700**
Option 4 ID : **9489118699**
Status : **Answered**
Chosen Option : **1**

Q.92 Read the given statements 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 follows from the statements.

Statements:

(i) Ram is an artist.

(ii) Artists are beautiful.

Ans

✗ 1. Conclusion 1: All beautiful persons are artists.

✓ 2. Conclusion 2: Ram is beautiful.

✗ 3. Conclusion 4: Beautiful persons are not artists.

✗ 4. Conclusion 3: Ram is not beautiful.

Question ID : **9489112182**
Option 1 ID : **9489118725**
Option 2 ID : **9489118726**
Option 3 ID : **9489118728**
Option 4 ID : **9489118727**
Status : **Answered**
Chosen Option : **2**

Q.93 'Supply' is related to 'Demand' in the same way as 'Production' is related to '_____'.

Ans

✗ 1. Factory

✗ 2. Inventory

✗ 3. Income

✓ 4. Consumption

Question ID : **9489112176**
Option 1 ID : **9489118704**
Option 2 ID : **9489118702**
Option 3 ID : **9489118701**
Option 4 ID : **9489118703**
Status : **Answered**
Chosen Option : **1**

Q.94 Six students B, D, F, U, V and X are compared on the basis of their marks. X scored more marks than only two students. B scored marks more than F but less than U. If F scored more marks than X, then who scored the highest marks?

Ans

✓ 1. U

✗ 2. B

✗ 3. V

✗ 4. D

Question ID : **9489112203**
Option 1 ID : **9489118812**
Option 2 ID : **9489118809**
Option 3 ID : **9489118811**
Option 4 ID : **9489118810**
Status : **Answered**
Chosen Option : **2**

Q.95 In a mid-term exam of class 11, 42% students failed in Mathematics, 54% students failed in Physics and 48% students failed in Chemistry. Only 10% students failed in all the three subjects. 20% students failed in both Physics and Chemistry, 15% students failed in both Chemistry and Mathematics, and 18% students failed in both Physics and Mathematics. What is the percentage of those students who failed in two subjects only?

Ans

✗ 1. 33%

✗ 2. 53%

✓ 3. 23%

✗ 4. 43%

Question ID : **9489112202**
Option 1 ID : **9489118807**
Option 2 ID : **9489118805**
Option 3 ID : **9489118808**
Option 4 ID : **9489118806**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.96 Among the four words given, three are alike in some manner and one is different. Select the odd one.

Ans

✗ 1. Companion

✓ 2. Rival

✗ 3. Colleague

✗ 4. Partner

Question ID : **9489112195**
Option 1 ID : **9489118780**
Option 2 ID : **9489118777**
Option 3 ID : **9489118779**
Option 4 ID : **9489118778**
Status : **Answered**
Chosen Option : **2**

Q.97 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

EIM, QUY, CGK, ?

Ans

✗ 1. FJN

✓ 2. OSW

✗ 3. RVZ

✗ 4. DHL

Question ID : **9489112185**
Option 1 ID : **9489118739**
Option 2 ID : **9489118738**
Option 3 ID : **9489118740**
Option 4 ID : **9489118737**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.98 Students of a particular class are standing in a line. If a student's serial number is twenty-three from the start of the line in that class of fifty-one, then what is her serial number from the last student in the line?

Ans

✗ 1. Twenty-seven

✗ 2. Twenty-five

✓ 3. Twenty-nine

✗ 4. Twenty-three

Question ID : **9489112201**
Option 1 ID : **9489118803**
Option 2 ID : **9489118802**
Option 3 ID : **9489118804**
Option 4 ID : **9489118801**
Status : **Answered**
Chosen Option : **3**

Q.99 Select the letter from among the given options that can replace the question mark (?) in the following series.

Z, V, R, ? , J, F

Ans

✗ 1. P

✗ 2. K

✓ 3. N

✗ 4. M

Question ID : **9489112187**
Option 1 ID : **9489118745**
Option 2 ID : **9489118747**
Option 3 ID : **9489118746**
Option 4 ID : **9489118748**
Status : **Answered**
Chosen Option : **3**

Q.100 In a certain code language, WELCOME is coded as ZHOFRPH. Which of the given options would be coded as DUSSRDFK in that language?

Ans

✗ 1. ARPROACH

✗ 2. APPROACH

✓ 3. ARPPOACH

✗ 4. ARRPOACH

Question ID : **9489112177**
Option 1 ID : **9489118708**
Option 2 ID : **9489118705**
Option 3 ID : **9489118706**
Option 4 ID : **9489118707**
Status : **Answered**
Chosen Option : **3**