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सत्यमेव जयते

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	
Test Date	23/01/2021
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 Which one of the following diseases is NOT caused by a virus?

Ans
✗ 1. Chicken Pox
✗ 2. Measles
✗ 3. Influenza
✓ 4. Tuberculosis

Question ID : **9489113715**
Option 1 ID : **94891114859**
Option 2 ID : **94891114858**
Option 3 ID : **94891114857**
Option 4 ID : **94891114860**
Status : **Marked For Review**
Chosen Option : **2**

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Q.2 To uphold and protect the sovereignty, unity and integrity of India is a/the:

Ans
1. fundamental right
2. fundamental duty
3. army's duty
4. legal right

Question ID : **9489113727**
Option 1 ID : **94891114906**
Option 2 ID : **94891114905**
Option 3 ID : **94891114908**
Option 4 ID : **94891114907**
Status : **Marked For Review**
Chosen Option : **2**

Q.3 The nuclear power plant CHASHMA-III is located in?

Ans
1. Bangladesh
2. Pakistan
3. India
4. Afghanistan

Question ID : **9489113730**
Option 1 ID : **94891114920**
Option 2 ID : **94891114918**
Option 3 ID : **94891114919**
Option 4 ID : **94891114917**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.4 Ravikant cycles at a speed of 12.5 km/h and walks at a speed of 3 km/h. To cover a distance of 40 km by cycle and walk both, Ravikant took 7 hours. How many of these hours were spent cycling?

Ans
1. 4
2. 5
3. 2
4. 3

Question ID : **9489114961**
Option 1 ID : **94891119843**
Option 2 ID : **94891119844**
Option 3 ID : **94891119841**
Option 4 ID : **94891119842**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.5 The ratio of the incomes of Barun and Anil is 12 : 13 and that of their expenditures is 10 : 13. Find the income of Barun and Anil, if they save ₹2100 and ₹1,300, respectively.

Ans
1. ₹5,550 and ₹4,560
2. ₹4,550 and ₹3,550
3. ₹5,000 and ₹2,000
4. ₹6,600 and ₹7,150

Question ID : **9489114950**
Option 1 ID : **94891119800**
Option 2 ID : **94891119799**
Option 3 ID : **94891119797**
Option 4 ID : **94891119798**
Status : **Marked For Review**
Chosen Option : **2**

Q.6 What is the value of the following expression?

$$(14 \div 7) \times [8 + \{3 + 8 - 2\}] - (5 - 2)$$

Ans
1. 25
2. 31
3. 28
4. 30

Question ID : **9489114951**
Option 1 ID : **94891119803**
Option 2 ID : **94891119801**
Option 3 ID : **94891119802**
Option 4 ID : **94891119804**
Status : **Answered**
Chosen Option : **2**

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Q.7 What is the simplest form of the ratio of 6 h : 3 days?

Ans

1. $\frac{1}{9}$
2. $\frac{1}{3}$
3. $\frac{1}{12}$
4. $\frac{1}{6}$

Question ID : **9489114954**
Option 1 ID : **94891119815**
Option 2 ID : **94891119814**
Option 3 ID : **94891119816**
Option 4 ID : **94891119813**
Status : **Answered**
Chosen Option : **3**

Q.8 Working 5 h a day, A can complete a task in 8 days and working 6 h a day, B can complete the same task in 10 days. Working 8 h a day, they can jointly complete the task in:

Ans

1. 4.5 days
2. 5 days
3. 3 days
4. 6 days

Question ID : **9489114962**
Option 1 ID : **94891119848**
Option 2 ID : **94891119845**
Option 3 ID : **94891119847**
Option 4 ID : **94891119846**
Status : **Marked For Review**
Chosen Option : **4**

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Q.9 A does half as much work as B in three-fourth of the time taken by B. If together they take 12 days to complete the work, how much time shall B take to do it alone?

Ans
1. 15 days
2. 20 days
3. 10 days
4. 16 days

Question ID : **9489114956**
Option 1 ID : **94891119823**
Option 2 ID : **94891119822**
Option 3 ID : **94891119821**
Option 4 ID : **94891119824**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.10 Select the term that will come next in the following series.

1O5, 1P6, 1Q7, ___

Ans
1. 1R8
2. R18
3. 81R
4. 8R1

Question ID : **9489113884**
Option 1 ID : **94891115536**
Option 2 ID : **94891115535**
Option 3 ID : **94891115534**
Option 4 ID : **94891115533**
Status : **Answered**
Chosen Option : **1**

Q.11 When $x^4 - px^3 + 2x^2 - 5x + 8$ is divided by $x - 1$, the remainder is 2p. The value of p is:

Ans
1. 5
2. 3
3. 1
4. 6

Question ID : **9489114967**
Option 1 ID : **94891119867**
Option 2 ID : **94891119868**
Option 3 ID : **94891119865**
Option 4 ID : **94891119866**
Status : **Answered**
Chosen Option : **4**

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Q.12 The person who was instrumental in bringing Mahatma Gandhi to Champaran in 1917 was:

Ans

✔ 1. Raj Kumar Shukla

✘ 2. Aruna Asaf Ali

✘ 3. Batak Miyan

✘ 4. Maulana Mazharul Haque

Question ID : **9489113718**
Option 1 ID : **94891114869**
Option 2 ID : **94891114871**
Option 3 ID : **94891114870**
Option 4 ID : **94891114872**
Status : **Marked For Review**
Chosen Option : **1**

Q.13 'SAMYUKTA' is an electronic war programme that was developed in India jointly by _____ and the Indian Army.

Ans

✘ 1. Bofors AB

✔ 2. DRDO

✘ 3. Dassault

✘ 4. BEML Limited

Question ID : **9489113731**
Option 1 ID : **94891114921**
Option 2 ID : **94891114924**
Option 3 ID : **94891114922**
Option 4 ID : **94891114923**
Status : **Marked For Review**
Chosen Option : **2**

Q.14 A man purchases a washing machine for ₹12,000. He pays ₹2,000 at first and the rest after 1 year, on which he is charged a simple interest at the rate of 10% per year. The total amount he pays for the washing machine is:

Ans

✔ 1. ₹13,000

✘ 2. ₹15,000

✘ 3. ₹12,000

✘ 4. ₹16,000

Question ID : **9489114959**
Option 1 ID : **94891119834**
Option 2 ID : **94891119833**
Option 3 ID : **94891119835**
Option 4 ID : **94891119836**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.15 Automobiles are fitted with a device that shows the distance travelled. Identify it.

Ans
1. Odometer ✓
2. Autometer ✗
3. RPM meter ✗
4. Speedometer ✗

Question ID : **9489113712**
Option 1 ID : **94891114848**
Option 2 ID : **94891114846**
Option 3 ID : **94891114847**
Option 4 ID : **94891114845**
Status : **Answered**
Chosen Option : **4**

Q.16 By selling 50 mangoes for ₹30, a person loses 10%. How many mangoes should he sell for ₹28 to gain 20%?

Ans
1. 35 ✓
2. 25 ✗
3. 30 ✗
4. 20 ✗

Question ID : **9489114960**
Option 1 ID : **94891119838**
Option 2 ID : **94891119839**
Option 3 ID : **94891119840**
Option 4 ID : **94891119837**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.17 The constitutional head of the Executive of the Union of India is the:

Ans
1. Speaker of the Lok Sabha ✗
2. President ✓
3. Prime Minister ✗
4. Chief of Army Staff ✗

Question ID : **9489113728**
Option 1 ID : **94891114910**
Option 2 ID : **94891114911**
Option 3 ID : **94891114909**
Option 4 ID : **94891114912**
Status : **Marked For Review**
Chosen Option : **2**

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Q.18 The value of $2\sin 30^0 + 5\cos 60^0 + 3\sin 180^0$ is:

Ans

1. $\frac{1}{2}$ ✗
2. $\frac{7}{2}$ ✓
3. $-\frac{1}{2}$ ✗
4. $\frac{9}{2}$ ✗

Question ID : **9489114970**
Option 1 ID : **94891119879**
Option 2 ID : **94891119878**
Option 3 ID : **94891119880**
Option 4 ID : **94891119877**
Status : **Answered**
Chosen Option : **2**

Q.19 The adjacent sides of a parallelogram are 4a and 3a. If the angle between them is $60°$, then one of the diagonals of the parallelogram will be:

Ans

1. $\sqrt{13}a$ ✓
2. $2\sqrt{3}a$ ✗
3. $5\sqrt{3}a$ ✗
4. $3\sqrt{3}a$ ✗

Question ID : **9489114972**
Option 1 ID : **94891119886**
Option 2 ID : **94891119887**
Option 3 ID : **94891119885**
Option 4 ID : **94891119888**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.20 The numerator of a fraction is increased by 20% and the denominator is decreased by 50%. If the resultant fraction is $\frac{5}{6}$, then what will be the original fraction?

Ans

1. ✗ $\frac{25}{84}$
2. ✓ $\frac{25}{72}$
3. ✗ $\frac{72}{25}$
4. ✗ $\frac{25}{12}$

Question ID : **9489114952**
Option 1 ID : **94891119808**
Option 2 ID : **94891119806**
Option 3 ID : **94891119807**
Option 4 ID : **94891119805**
Status : **Marked For Review**
Chosen Option : **2**

Q.21 At how much distance above Earth's surface is the International Space Station located?

Ans

1. ✗ 700 km
2. ✗ 200 km
3. ✓ 400 km
4. ✗ 1000 km

Question ID : **9489113735**
Option 1 ID : **94891114938**
Option 2 ID : **94891114940**
Option 3 ID : **94891114939**
Option 4 ID : **94891114937**
Status : **Marked For Review**
Chosen Option : **1**

Q.22 Two natural numbers are in the ratio of 6 : 8 and their product is 768. The smaller of the numbers is:

Ans

1. ✗ 12
2. ✗ 8
3. ✓ 24
4. ✗ 32

Question ID : **9489114946**
Option 1 ID : **94891119784**
Option 2 ID : **94891119783**
Option 3 ID : **94891119781**
Option 4 ID : **94891119782**
Status : **Answered**
Chosen Option : **3**

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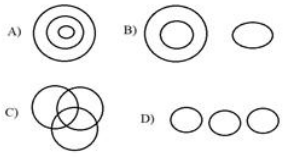
Q.23 Select the Venn diagram that best represents the relationship between man, smokers and cricketers.



Ans

✔ 1. C

✘ 2. A

✘ 3. D

✘ 4. B

Question ID : **9489113897**
Option 1 ID : **94891115586**
Option 2 ID : **94891115588**
Option 3 ID : **94891115585**
Option 4 ID : **94891115587**
Status : **Answered**
Chosen Option : **1**

Q.24 While solving a mathematical problem, Atul squared the initial number and then subtracted 15 from it. Pratul first subtracted 15 from the initial number and then squared the difference. If both obtained the same answer, what was the initial number?

Ans

✔ 1. 8

✘ 2. 6

✘ 3. 9

✘ 4. 7

Question ID : **9489114945**
Option 1 ID : **94891119779**
Option 2 ID : **94891119777**
Option 3 ID : **94891119780**
Option 4 ID : **94891119778**
Status : **Answered**
Chosen Option : **1**

Q.25 A hard disk is an example of which type of data storage device?

Ans

✘ 1. Tertiary storage

✘ 2. Primary storage

✔ 3. Secondary storage

✘ 4. Off-line storage

Question ID : **9489113738**
Option 1 ID : **94891114951**
Option 2 ID : **94891114949**
Option 3 ID : **94891114950**
Option 4 ID : **94891114952**
Status : **Answered**
Chosen Option : **3**

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Q.26 Select the option that is related to the third term in the same way as the second term is related to the first term.

Bihu : Assam :: Kathakali : ?

Ans
1. Rajasthan
2. Maharashtra
3. Kerala
4. Karnataka

Question ID : **9489113894**
Option 1 ID : **94891115575**
Option 2 ID : **94891115576**
Option 3 ID : **94891115574**
Option 4 ID : **94891115573**
Status : **Marked For Review**
Chosen Option : **3**

Q.27 If $\frac{121}{0.121} = \frac{12.1}{x}$, then the value of x will be:

Ans
1. 0.0121
2. 0.1210
3. 1.210
4. 0.1121

Question ID : **9489114947**
Option 1 ID : **94891119785**
Option 2 ID : **94891119786**
Option 3 ID : **94891119788**
Option 4 ID : **94891119787**
Status : **Marked For Review**
Chosen Option : **1**

Q.28 A modem is connected to a:

Ans
1. mouse
2. monitor
3. phone line
4. mother board

Question ID : **9489113736**
Option 1 ID : **94891114943**
Option 2 ID : **94891114941**
Option 3 ID : **94891114944**
Option 4 ID : **94891114942**
Status : **Marked For Review**
Chosen Option : **3**

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Q.29 Simplify the following.

$$\frac{289 \times 289 \times 289 + 111 \times 111 \times 111}{289 \times 289 - 289 \times 111 + 111 \times 111}$$

Ans
1. 400 ✔
2. 0 ✘
3. 289 ✘
4. 300 ✘

Question ID : **9489114944**
Option 1 ID : **94891119774**
Option 2 ID : **94891119776**
Option 3 ID : **94891119775**
Option 4 ID : **94891119773**
Status : **Answered**
Chosen Option : **1**

Q.30 Which of the following technological companies has launched helicopter services in New York in October 2019?

Ans
1. Google ✘
2. Microsoft ✘
3. Apple ✘
4. Uber ✔

Question ID : **9489113705**
Option 1 ID : **94891114819**
Option 2 ID : **94891114818**
Option 3 ID : **94891114817**
Option 4 ID : **94891114820**
Status : **Marked For Review**
Chosen Option : **4**

Q.31 Bharat Heavy Electricals Limited (BHEL) is a _____ company.

Ans
1. Navratna ✘
2. Miniratna ✘
3. Maharatna ✔
4. Rajratna ✘

Question ID : **9489113742**
Option 1 ID : **94891114968**
Option 2 ID : **94891114966**
Option 3 ID : **94891114965**
Option 4 ID : **94891114967**
Status : **Answered**
Chosen Option : **3**

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Q.32 Blood has a fluid matrix called _____, in which RBCs, WBCs and platelets are suspended.

Ans
1. Plasma ✔
2. Cerebrospinal fluid ✘
3. Saliva ✘
4. Lymph ✘

Question ID : **9489113711**
Option 1 ID : **94891114841**
Option 2 ID : **94891114843**
Option 3 ID : **94891114844**
Option 4 ID : **94891114842**
Status : **Answered**
Chosen Option : **1**

Q.33 Which of the following production activities is the largest emitter of CO_2?

Ans
1. Textile production ✘
2. Crop production ✘
3. Meat production ✘
4. Thermal power production ✔

Question ID : **9489113734**
Option 1 ID : **94891114936**
Option 2 ID : **94891114933**
Option 3 ID : **94891114934**
Option 4 ID : **94891114935**
Status : **Marked For Review**
Chosen Option : **4**

Q.34 The scheme which was launched in March 2016 to free all national highways from Railway level crossings , build bridges and renovate the old bridges on national highways is known as:

Ans
1. Rail-Bridge Connection Project ✘
2. Setu-Bharatam Project ✔
3. Rail-Road Coordination Project ✘
4. Setu-Samudram Project ✘

Question ID : **9489113743**
Option 1 ID : **94891114972**
Option 2 ID : **94891114971**
Option 3 ID : **94891114970**
Option 4 ID : **94891114969**
Status : **Marked For Review**
Chosen Option : **3**

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Q.35 Read the given statement(s) 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 statement(s).

Statement:

Most students know English language.

Conclusions:

1. Some students know English language.

2. Some students do not know English language.

Ans

✔ 1. Both conclusions1 and 2 follows.

✘ 2. Neither conclusion 1 nor 2 follows.

✘ 3. Only conclusion 2 follows.

✘ 4. Only conclusion 1 follows.

Question ID : **9489113882**
Option 1 ID : **94891115527**
Option 2 ID : **94891115528**
Option 3 ID : **94891115526**
Option 4 ID : **94891115525**
Status : **Answered**
Chosen Option : **1**

Q.36 During which period did the Sultanate ruler, Ghiyas-ud-din Balban, take over and rule the throne of Delhi?

Ans

✘ 1. 1290-1322

✘ 2. 1206-1223

✘ 3. 1321-1334

✔ 4. 1266-1287

Question ID : **9489113717**
Option 1 ID : **94891114866**
Option 2 ID : **94891114867**
Option 3 ID : **94891114868**
Option 4 ID : **94891114865**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.37 250 candidates appeared for an examination, out of which 225 passed. The percentage of the candidates who passed is:

Ans

✔ 1. 90%

✘ 2. 96%

✘ 3. 93%

✘ 4. 84%

Question ID : **9489114958**
Option 1 ID : **94891119830**
Option 2 ID : **94891119829**
Option 3 ID : **94891119832**
Option 4 ID : **94891119831**
Status : **Answered**
Chosen Option : **1**

Q.38 As per the findings of the 2011 census, which is the most thickly populated State (excluding Union territories) in India?

Ans

✘ 1. Goa

✘ 2. Tamil Nadu

✘ 3. Uttar Pradesh

✔ 4. Bihar

Question ID : **9489113722**
Option 1 ID : **94891114886**
Option 2 ID : **94891114888**
Option 3 ID : **94891114885**
Option 4 ID : **94891114887**
Status : **Marked For Review**
Chosen Option : **3**

Q.39 Select the option that is related to the third term in the same way as the second term is related to the first term.

Goldsmith : Gold : : Blacksmith : ?

Ans

✘ 1. Shoes

✘ 2. Diamond

✘ 3. Silver

✔ 4. Iron

Question ID : **9489113875**
Option 1 ID : **94891115498**
Option 2 ID : **94891115500**
Option 3 ID : **94891115497**
Option 4 ID : **94891115499**
Status : **Marked For Review**
Chosen Option : **1**

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Q.40

The square root of $\frac{(3\frac{1}{4})^4-(4\frac{1}{3})^4}{(3\frac{1}{4})^2-(4\frac{1}{3})^2}$ is:

Ans

1. $1\frac{1}{12}$
2. $5\frac{5}{12}$
3. $1\frac{1}{7}$
4. $7\frac{7}{12}$

Question ID : **9489114948**
Option 1 ID : **94891119790**
Option 2 ID : **94891119792**
Option 3 ID : **94891119789**
Option 4 ID : **94891119791**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.41

If $\tan\theta = \frac{5}{12}, 0 < \theta < \frac{\pi}{2}$, then the value of $\frac{\cos\theta + 5\cot\theta}{\operatorname{cosec}\theta - \cos\theta}$ will be:

Ans

1. $\frac{845}{109}$
2. $\frac{860}{190}$
3. $\frac{840}{109}$
4. $\frac{840}{190}$

Question ID : **9489114971**
Option 1 ID : **94891119884**
Option 2 ID : **94891119882**
Option 3 ID : **94891119881**
Option 4 ID : **94891119883**
Status : **Answered**
Chosen Option : **3**

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Q.42 Which of the following is NOT a part of the hardware of a computer?

Ans
1. CPU
2. Microsoft Office
3. Monitor
4. Keyboard

Question ID : **9489113737**
Option 1 ID : **94891114945**
Option 2 ID : **94891114948**
Option 3 ID : **94891114946**
Option 4 ID : **94891114947**
Status : **Answered**
Chosen Option : **2**

Q.43 _____ are known as the powerhouse of the cell.

Ans
1. Mitochondria
2. Cytoplasm
3. Endoplasmic Reticulum
4. Nucleus

Question ID : **9489113713**
Option 1 ID : **94891114852**
Option 2 ID : **94891114849**
Option 3 ID : **94891114851**
Option 4 ID : **94891114850**
Status : **Answered**
Chosen Option : **1**

Q.44 Select the number from among the given options that will come next in the following series.

0, 6, 25, 62, __

Ans
1. 123
2. 124
3. 115
4. 100

Question ID : **9489113883**
Option 1 ID : **94891115529**
Option 2 ID : **94891115532**
Option 3 ID : **94891115531**
Option 4 ID : **94891115530**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.45 On which of the following rivers was Independent India's first river dam constructed?

Ans
1. Krishna
2. Yamuna
3. Ganga
4. Damodar

Question ID : **9489113726**
Option 1 ID : **94891114901**
Option 2 ID : **94891114902**
Option 3 ID : **94891114903**
Option 4 ID : **94891114904**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.46 Who was appointed as Indian Envoy to Bangladesh in October 2020?

Ans
1. VK Singh
2. BS Dhanoa
3. Vikram Kumar Doraiswami
4. S Lakhotia

Question ID : **9489113706**
Option 1 ID : **94891114821**
Option 2 ID : **94891114824**
Option 3 ID : **94891114822**
Option 4 ID : **94891114823**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.47 The Charminar of Hyderabad was built by:

Ans
1. Allauddin Khilji
2. Muhammad Quli Qutab Shah
3. Asaf Jah
4. Muhammad bin Tuglaq

Question ID : **9489113710**
Option 1 ID : **94891114837**
Option 2 ID : **94891114839**
Option 3 ID : **94891114840**
Option 4 ID : **94891114838**
Status : **Answered**
Chosen Option : **2**

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Q.48 Ghoomar is a folk song and dance form that is popular in:

Ans
1. UP
2. Gujarat
3. Rajasthan
4. Bihar

Question ID : **9489113708**
Option 1 ID : **94891114832**
Option 2 ID : **94891114831**
Option 3 ID : **94891114830**
Option 4 ID : **94891114829**
Status : **Answered**
Chosen Option : **3**

Q.49 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

KL, MO, OR, ?

Ans
1. UQ
2. QT
3. QU
4. SQ

Question ID : **9489113887**
Option 1 ID : **94891115548**
Option 2 ID : **94891115546**
Option 3 ID : **94891115547**
Option 4 ID : **94891115545**
Status : **Answered**
Chosen Option : **3**

Q.50 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

DW, HS, LO, PK, ?

Ans
1. GT
2. ZA
3. TG
4. CX

Question ID : **9489113885**
Option 1 ID : **94891115539**
Option 2 ID : **94891115537**
Option 3 ID : **94891115538**
Option 4 ID : **94891115540**
Status : **Answered**
Chosen Option : **3**

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Q.51 The roots of the equation $3x^2 + 5x - a = 0$ are the reciprocals of each other. What is the value of a?

Ans
1. 3
2. –3
3. –2
4. 2

Question ID : **9489114964**
Option 1 ID : **94891119855**
Option 2 ID : **94891119854**
Option 3 ID : **94891119856**
Option 4 ID : **94891119853**
Status : **Marked For Review**
Chosen Option : **3**

Q.52 Among the following words, which one will come second last if they are arranged as per their order in an English dictionary?

Discrepancy, Disease, Discuss, Discriminate, Disdain.

Ans
1. Disease
2. Discrepancy
3. Discuss
4. Disdain

Question ID : **9489113902**
Option 1 ID : **94891115605**
Option 2 ID : **94891115607**
Option 3 ID : **94891115606**
Option 4 ID : **94891115608**
Status : **Answered**
Chosen Option : **2**

Q.53 In a certain code language, MIRROR is written as NRIILI. How will MOBILE be written as in that language?

Ans
1. NLYROV
2. VORYLN
3. VORNLY
4. NLYVOR

Question ID : **9489113878**
Option 1 ID : **94891115510**
Option 2 ID : **94891115511**
Option 3 ID : **94891115512**
Option 4 ID : **94891115509**
Status : **Answered**
Chosen Option : **1**

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Q.54 A thief steals a bag from the car at 3 p.m. and drives away at a speed of 50 km/h. The thief is located at 4 p.m. and the owner sets off in his car at a speed of 70 km/h. When will he catch the thief?

Ans

✔ 1. 6:30 p.m.

✘ 2. 8:00 p.m.

✘ 3. 6:00 p.m.

✘ 4. 8:45 p.m.

Question ID : **9489114963**
Option 1 ID : **94891119851**
Option 2 ID : **94891119850**
Option 3 ID : **94891119849**
Option 4 ID : **94891119852**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.55 A is only 40% as efficient as B. C is 50% as efficient as A and B together. If C alone completes the task in 30 days, then A, B and C together can complete the task in:

Ans

✘ 1. 8 days

✔ 2. 10 days

✘ 3. 5 days

✘ 4. 12 days

Question ID : **9489114957**
Option 1 ID : **94891119826**
Option 2 ID : **94891119828**
Option 3 ID : **94891119825**
Option 4 ID : **94891119827**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.56 The speed of sound _____ as it passes from solid to gaseous medium.

Ans

✘ 1. fluctuates

✘ 2. increases

✘ 3. does not change

✔ 4. decreases

Question ID : **9489113714**
Option 1 ID : **94891114856**
Option 2 ID : **94891114854**
Option 3 ID : **94891114855**
Option 4 ID : **94891114853**
Status : **Marked For Review**
Chosen Option : **2**

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Q.57 Select the Venn diagram that best represents the relationship between mother, father and women.

A) B)

C) D)

Ans

1. ✗ C
2. ✗ A
3. ✓ B
4. ✗ D

Question ID : **9489113896**
Option 1 ID : **94891115583**
Option 2 ID : **94891115582**
Option 3 ID : **94891115581**
Option 4 ID : **94891115584**
Status : **Answered**
Chosen Option : **3**

Q.58 Which of the following country's church, hotel and tourist place were attacked by suicide bombers during Easter celebrations in 2019?

Ans

1. ✗ France
2. ✗ Iran
3. ✗ India
4. ✓ Sri Lanka

Question ID : **9489113704**
Option 1 ID : **94891114814**
Option 2 ID : **94891114813**
Option 3 ID : **94891114816**
Option 4 ID : **94891114815**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.59 "As of 1st January 2021, how many times has India been elected to the UN Security Council as a non-permanent member?"

Ans

1. ✓ Eight times
2. ✗ Four times
3. ✗ Five times
4. ✗ Six times

Question ID : **9489113733**
Option 1 ID : **94891114932**
Option 2 ID : **94891114929**
Option 3 ID : **94891114930**
Option 4 ID : **94891114931**
Status : **Marked For Review**
Chosen Option : **4**

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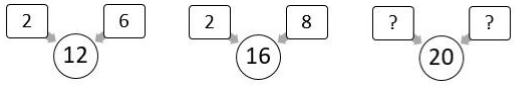
Q.60 If the surface area of a cube is 1014 m^2, then its volume is:

Ans
1. 1929 m^3
2. 2197 m^3
3. 2127 m^3
4. 2028 m^3

Question ID : **9489114965**
Option 1 ID : **94891119860**
Option 2 ID : **94891119857**
Option 3 ID : **94891119858**
Option 4 ID : **94891119859**
Status : **Answered**
Chosen Option : **2**

Q.61 Study the given pattern carefully and select the numbers from among the given options that would be most appropriate for replacing the question mark (?).



Ans
1. 5,4
2. 4,5
3. 2,10
4. 10,2

Question ID : **9489113900**
Option 1 ID : **94891115600**
Option 2 ID : **94891115598**
Option 3 ID : **94891115597**
Option 4 ID : **94891115599**
Status : **Answered**
Chosen Option : **3**

Q.62 Where has India's first floating elementary school been inaugurated?

Ans
1. Naini Jheel, Nainital
2. Dal Lake, Srinagar
3. Lake Pichola, Udaipur
4. Loktak Lake, Manipur

Question ID : **9489113724**
Option 1 ID : **94891114896**
Option 2 ID : **94891114893**
Option 3 ID : **94891114894**
Option 4 ID : **94891114895**
Status : **Marked For Review**
Chosen Option : **1**

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Q.63 Which of the following devices is used to convert alternating current into direct current?

Ans
1. Calorimeter
2. Rheostat
3. Capacitor
4. Rectifier

Question ID : **9489113716**
Option 1 ID : **94891114863**
Option 2 ID : **94891114864**
Option 3 ID : **94891114862**
Option 4 ID : **94891114861**
Status : **Answered**
Chosen Option : **4**

Q.64 If $a = 9$, $b = -5$ and $c = -4$, then find the value of $a^3 + b^3 + c^3$.

Ans
1. 570
2. 560
3. 550
4. 540

Question ID : **9489114966**
Option 1 ID : **94891119864**
Option 2 ID : **94891119863**
Option 3 ID : **94891119861**
Option 4 ID : **94891119862**
Status : **Answered**
Chosen Option : **4**

Q.65 As per the UN's 'World Cities Report 2016', India is expected to have _____ megacities by 2030, with each of them having a population of more than 10 million.

Ans
1. 10
2. 25
3. 15
4. 7

Question ID : **9489113739**
Option 1 ID : **94891114953**
Option 2 ID : **94891114955**
Option 3 ID : **94891114956**
Option 4 ID : **94891114954**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.66 The minimum age requirement for becoming a member of a Municipality is _____ (prescribed under Article 243V of the Constitution of India).

Ans

✔ 1. 21 years

✘ 2. 18 years

✘ 3. 35 years

✘ 4. 25 years

Question ID : **9489113729**
Option 1 ID : **94891114916**
Option 2 ID : **94891114915**
Option 3 ID : **94891114914**
Option 4 ID : **94891114913**
Status : **Answered**
Chosen Option : **1**

Q.67 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).

2	9	5
3	8	?
4	7	6
24	504	30

Ans

✘ 1. 0

✔ 2. 1

✘ 3. 3

✘ 4. 2

Question ID : **9489113899**
Option 1 ID : **94891115595**
Option 2 ID : **94891115596**
Option 3 ID : **94891115594**
Option 4 ID : **94891115593**
Status : **Answered**
Chosen Option : **2**

Q.68 Bhukti, Bhoga, Visaya, Vithi and Mandal were:

Ans

✘ 1. great saints of the Mauryan period

✔ 2. administrative divisions in the Gupta period

✘ 3. rituals in Aswamedha Yagna

✘ 4. ministers in Chandragupta's durbar

Question ID : **9489113721**
Option 1 ID : **94891114882**
Option 2 ID : **94891114883**
Option 3 ID : **94891114884**
Option 4 ID : **94891114881**
Status : **Marked For Review**
Chosen Option : **2**

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Q.69 Solve the following.

$$\frac{3}{\sqrt{0.0009}} + \frac{4}{\sqrt{0.0016}} = ?$$

Ans

1. $\frac{1}{200}$
2. $\frac{1}{50}$
3. 200
4. 100

Question ID : **9489114953**
Option 1 ID : **94891119810**
Option 2 ID : **94891119809**
Option 3 ID : **94891119812**
Option 4 ID : **94891119811**
Status : **Answered**
Chosen Option : **3**

Q.70 How many Indian members were there in the Simon Commission?

Ans

1. Zero
2. Two
3. One
4. Three

Question ID : **9489113720**
Option 1 ID : **94891114879**
Option 2 ID : **94891114878**
Option 3 ID : **94891114877**
Option 4 ID : **94891114880**
Status : **Marked For Review**
Chosen Option : **1**

Q.71 Who wrote the medieval-era epic poem "Padmavat"?

Ans

1. Mulla Daud
2. Abu'l-Fazl ibn Mubarak
3. Amir Khusro
4. Malik Muhammad "Jayasi"

Question ID : **9489113709**
Option 1 ID : **94891114836**
Option 2 ID : **94891114835**
Option 3 ID : **94891114834**
Option 4 ID : **94891114833**
Status : **Answered**
Chosen Option : **3**

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Q.72 Out of the four vegetables listed, three are alike in some manner and one is different. Select the odd one.

Ans

1. Potato
2. Ladyfinger
3. Beetroot
4. Carrot

Question ID : **9489113895**
Option 1 ID : **94891115577**
Option 2 ID : **94891115580**
Option 3 ID : **94891115578**
Option 4 ID : **94891115579**
Status : **Answered**
Chosen Option : **2**

Q.73 The areas of two similar triangles are respectively 16 m^2 and 36 m^2. Find the ratio of their corresponding sides.

Ans

1. 16 : 36
2. 4 : 8
3. 4 : 6
4. 3 : 4

Question ID : **9489114969**
Option 1 ID : **94891119875**
Option 2 ID : **94891119874**
Option 3 ID : **94891119876**
Option 4 ID : **94891119873**
Status : **Answered**
Chosen Option : **3**

Q.74 After the 1857 Revolt, also known as India's first war of independence, Bahadur Shah Jafar, the last Mughal Emperor of India, was exiled to:

Ans

1. Burma
2. Nepal
3. Japan
4. England

Question ID : **9489113719**
Option 1 ID : **94891114875**
Option 2 ID : **94891114873**
Option 3 ID : **94891114876**
Option 4 ID : **94891114874**
Status : **Marked For Review**
Chosen Option : **1**

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Q.75 The purchasing power of a currency relative to another at current exchange rates and prices is _____.

Ans
1. real exchange rate ✔
2. balance of payments ✘
3. nominal exchange rate ✘
4. purchasing power parity ✘

Question ID : **9489113740**
Option 1 ID : **94891114957**
Option 2 ID : **94891114959**
Option 3 ID : **94891114960**
Option 4 ID : **94891114958**
Status : **Marked For Review**
Chosen Option : **3**

Q.76 Pampas, Steppes, Savanna and Prairies are all names of famous:

Ans
1. cyclones ✘
2. lakes in America ✘
3. grasslands ✔
4. waterfalls ✘

Question ID : **9489113723**
Option 1 ID : **94891114891**
Option 2 ID : **94891114890**
Option 3 ID : **94891114892**
Option 4 ID : **94891114889**
Status : **Answered**
Chosen Option : **3**

Q.77 $\frac{225^{0.2}\times225^{0.3}}{225^{0.6}\times225^{0.4}}$ is equal to:

Ans
1. 15 ✘
2. 1.5 ✘
3. $\frac{1}{15}$ ✔
4. $\frac{1}{25}$ ✘

Question ID : **9489114949**
Option 1 ID : **94891119793**
Option 2 ID : **94891119796**
Option 3 ID : **94891119794**
Option 4 ID : **94891119795**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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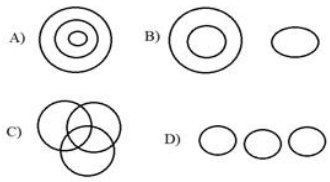
Q.78 Select the Venn diagram that best represents the relationship between words, letters and sentence.



Ans

1. C
2. B
3. D
4. A ✓

Question ID : **9489113898**
Option 1 ID : **94891115591**
Option 2 ID : **94891115589**
Option 3 ID : **94891115592**
Option 4 ID : **94891115590**
Status : **Answered**
Chosen Option : **4**

Q.79 The present ages of Sheo Kumar and Dileep Kumar are in the ratio of 9 : 10. After 11 years this ratio will become 10 : 11. What are the present ages of Sheo Kumar and Dileep Kumar?

Ans

1. 81 years and 90 years
2. 54 years and 60 years
3. 72 years and 80 years
4. 99 years and 110 years ✓

Question ID : **9489114955**
Option 1 ID : **94891119818**
Option 2 ID : **94891119820**
Option 3 ID : **94891119819**
Option 4 ID : **94891119817**
Status : **Answered**
Chosen Option : **4**

Q.80 A student represents his scores in Mathematics, Statistics and Economics examinations in a pie chart. The central angle for Mathematics is 180°. He scored 80 in Statistics and 70 in Economics. His score in Mathematics is:

Ans

1. 150 ✓
2. 210
3. 130
4. 180

Question ID : **9489114973**
Option 1 ID : **94891119890**
Option 2 ID : **94891119892**
Option 3 ID : **94891119889**
Option 4 ID : **94891119891**
Status : **Answered**
Chosen Option : **1**

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Q.81 In 2019, a Nepalese girl named Bandana Nepal set a Guinness World Record for 'Longest Dancing Marathon by an Individual' by dancing continuously for 126 hours. Whose record did she break?

Ans
1. Raja Reddy
2. V Ganeshan
3. Vaijantimala Bali
4. Kalamandalam Hemlatha

Question ID : **9489113707**
Option 1 ID : **94891114828**
Option 2 ID : **94891114826**
Option 3 ID : **94891114827**
Option 4 ID : **94891114825**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.82 Which one of the following multipurpose projects in India is constructed on river Narmada?

Ans
1. Farakka Project
2. Korba Project
3. Sardar Sarovar Project
4. Mettur Project

Question ID : **9489113725**
Option 1 ID : **94891114897**
Option 2 ID : **94891114900**
Option 3 ID : **94891114898**
Option 4 ID : **94891114899**
Status : **Marked For Review**
Chosen Option : **2**

Q.83 Saubhagya Yojana, launched by the Government of India in 2017, is related to providing:

Ans
1. medical help for safe motherhood
2. electricity to all households in India
3. funds for marriage of Dalit girls
4. cooking gas to poor households

Question ID : **9489113741**
Option 1 ID : **94891114963**
Option 2 ID : **94891114962**
Option 3 ID : **94891114961**
Option 4 ID : **94891114964**
Status : **Marked For Review**
Chosen Option : **4**

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Q.84 Nirbhay missile has a strike range of:

Ans
1. 500 km
2. 200 km
3. 100 km
4. 1000 km

Question ID : **9489113732**
Option 1 ID : **94891114926**
Option 2 ID : **94891114927**
Option 3 ID : **94891114928**
Option 4 ID : **94891114925**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.85 The sum of first 'n' natural numbers is:

Ans
1. $\frac{n(n+1)}{2}$
2. $\frac{n(n-1)}{2}$
3. $\frac{n}{2}$
4. $\frac{n}{2}+1$

Question ID : **9489114968**
Option 1 ID : **94891119869**
Option 2 ID : **94891119870**
Option 3 ID : **94891119871**
Option 4 ID : **94891119872**
Status : **Answered**
Chosen Option : **1**

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Q.86 The table below gives details of coal production in four different states for the years 2014 to 2018. Observe the table and answer the question below.

State	2014	2015	2016	2017	2018
A	84	86	85	82	85
B	168	164	162	163	145
C	178	180	181	182	185
D	86	79	84	76	74

Coal production (in thousands)

In how many years did the overall production of coal fall when compared to the previous year?

Ans

✔ 1. 3 out of 5 years

✘ 2. 5 out of 5 years

✘ 3. 1 out of 5 years

✘ 4. 2 out of 5 years

Question ID : **9489113889**
Option 1 ID : **94891115554**
Option 2 ID : **94891115553**
Option 3 ID : **94891115556**
Option 4 ID : **94891115555**
Status : **Answered**
Chosen Option : **1**

Q.87 The table below gives details of coal production in four different states for the years 2014 to 2018. Observe the table and answer the question below.

State	2014	2015	2016	2017	2018
A	84	86	85	82	85
B	168	164	162	163	145
C	178	180	181	182	185
D	86	79	84	76	74

Coal production (in thousands)

Which State shows the lowest range in the data for production of coal in the given period?

Ans

✘ 1. State C

✘ 2. State B

✔ 3. State A

✘ 4. State D

Question ID : **9489113890**
Option 1 ID : **94891115557**
Option 2 ID : **94891115558**
Option 3 ID : **94891115559**
Option 4 ID : **94891115560**
Status : **Answered**
Chosen Option : **4**

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Q.88 The table below gives details of coal production in four different states for the years 2014 to 2018. Observe the table and answer the question below.

State	2014	2015	2016	2017	2018
A	84	86	85	82	85
B	168	164	162	163	145
C	178	180	181	182	185
D	86	79	84	76	74

Coal production (in thousands)

In which year has State C registered the highest percentage contribution to the total coal production for the year?

Ans
1. 2015
2. 2017
3. 2016
4. 2018

Question ID : **9489113891**
Option 1 ID : **94891115564**
Option 2 ID : **94891115563**
Option 3 ID : **94891115561**
Option 4 ID : **94891115562**
Status : **Answered**
Chosen Option : **4**

Q.89 The table below gives details of coal production in four different states for the years 2014 to 2018. Observe the table and answer the question below.

State	2014	2015	2016	2017	2018
A	84	86	85	82	85
B	168	164	162	163	145
C	178	180	181	182	185
D	86	79	84	76	74

Coal production (in thousands)

For which State has the percentage contribution to the overall coal production NOT dropped even once during the 5-year period? (Percentage calculation rounded off to the nearest integer).

Ans
1. State B
2. State C
3. State A
4. State D

Question ID : **9489113892**
Option 1 ID : **94891115567**
Option 2 ID : **94891115568**
Option 3 ID : **94891115565**
Option 4 ID : **94891115566**
Status : **Answered**
Chosen Option : **2**

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Q.90 Radha told Sita, "My mother's only brother's son is your brother". How is Radha related to Sita?

Ans

1. ✗ Sister
2. ✗ Mother's brother's daughter
3. ✓ Father's sister's daughter
4. ✗ Father's sister

Question ID : **9489113876**
Option 1 ID : **94891115504**
Option 2 ID : **94891115502**
Option 3 ID : **94891115503**
Option 4 ID : **94891115501**
Status : **Answered**
Chosen Option : **2**

Q.91 Select the number from among the given options that will come next in the following series.

20, 40, 63, 90, 122, __

Ans

1. ✗ 120
2. ✗ 150
3. ✓ 160
4. ✗ 110

Question ID : **9489113888**
Option 1 ID : **94891115549**
Option 2 ID : **94891115550**
Option 3 ID : **94891115552**
Option 4 ID : **94891115551**
Status : **Answered**
Chosen Option : **3**

Q.92 Solve the following.

$$8000 + \frac{2000}{100} - 150 \times 60$$

Ans

1. ✗ −8000
2. ✓ −980
3. ✗ 8900
4. ✗ 980

Question ID : **9489113886**
Option 1 ID : **94891115542**
Option 2 ID : **94891115541**
Option 3 ID : **94891115544**
Option 4 ID : **94891115543**
Status : **Answered**
Chosen Option : **2**

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Q.93 In a certain code language, RAM is written as TYO. How will CPU be written as in that language?

Ans

1. EWN
2. WNE
3. ENW
4. NEW

Question ID : **9489113874**
Option 1 ID : **94891115496**
Option 2 ID : **94891115494**
Option 3 ID : **94891115495**
Option 4 ID : **94891115493**
Status : **Answered**
Chosen Option : **3**

Q.94 Select the option that is related to the third term in the same way as the second term is related to the first term.

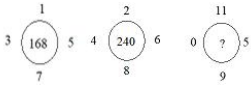
Uttar Pradesh : Lucknow : : Chhattisgarh : ?

Ans

1. Bilaspur
2. Raipur
3. Ambikapur
4. Korba

Question ID : **9489113879**
Option 1 ID : **94891115513**
Option 2 ID : **94891115514**
Option 3 ID : **94891115516**
Option 4 ID : **94891115515**
Status : **Answered**
Chosen Option : **1**

Q.95 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).



Ans

1. 156
2. 216
3. 454
4. 227

Question ID : **9489113901**
Option 1 ID : **94891115603**
Option 2 ID : **94891115601**
Option 3 ID : **94891115604**
Option 4 ID : **94891115602**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.96 Read the given instructions carefully and answer the question that follows.

8 people – A, B, C, D, E, F, G, H - are sitting at a round table facing each other. A is between E and G, whereas G is sitting second to the right of F. H is between D and B and is second to the left of F. A and B are sitting opposite each other. Who is sitting between E and H?

Ans

1. C ✗
2. B ✗
3. D ✓
4. F ✗

Question ID : **9489113880**
Option 1 ID : **94891115517**
Option 2 ID : **94891115518**
Option 3 ID : **94891115519**
Option 4 ID : **94891115520**
Status : **Answered**
Chosen Option : **3**

Q.97 Read the given statement and conclusions carefully. Assuming that the information given in the statement 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 statement.

Statement:

All reds are black.

Conclusions:

1. Some blacks are red.

2. Some reds are black.

Ans

1. Only conclusion 1 follows. ✗
2. Only conclusion 2 follows. ✗
3. Neither conclusion 1 nor 2 follows. ✗
4. Both conclusions 1 and 2 follow. ✓

Question ID : **9489113877**
Option 1 ID : **94891115505**
Option 2 ID : **94891115506**
Option 3 ID : **94891115508**
Option 4 ID : **94891115507**
Status : **Answered**
Chosen Option : **1**

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Q.98 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

Statement:

Indians go abroad to get better jobs.

Assumptions:

1. Indians can get better jobs abroad.

2. India lacks better job opportunities.

Ans

✗ 1. Only assumption 2 is implicit.

✗ 2. Only assumption 1 is implicit.

✗ 3. Neither assumption 1 nor 2 is implicit.

✓ 4. Both assumptions 1 and 2 are implicit.

Question ID : **9489113881**
Option 1 ID : **94891115522**
Option 2 ID : **94891115521**
Option 3 ID : **94891115524**
Option 4 ID : **94891115523**
Status : **Marked For Review**
Chosen Option : **4**

Q.99 Out of the four words listed, three are alike in some manner and one is different. Select the odd one.

Ans

✗ 1. MAT

✓ 2. CAT

✗ 3. HAT

✗ 4. BAT

Question ID : **9489113893**
Option 1 ID : **94891115571**
Option 2 ID : **94891115572**
Option 3 ID : **94891115569**
Option 4 ID : **94891115570**
Status : **Answered**
Chosen Option : **2**

Q.100 In the following series, how many times is 5 immediately preceded by 6 but NOT followed by 9?

897659736543288777659654659876 5

Ans

✗ 1. 5

✗ 2. 6

✗ 3. 2

✓ 4. 3

Question ID : **9489113903**
Option 1 ID : **94891115612**
Option 2 ID : **94891115611**
Option 3 ID : **94891115609**
Option 4 ID : **94891115610**
Status : **Answered**
Chosen Option : **4**