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 Ramtekdi 2
Test Date	05/03/2021
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 What is saprotrophic nutrition?

Ans
✗ 1. Organism depends on other animals and shares nutrition
✗ 2. Organism depends on plants for nutrition
✓ 3. Organism takes food from dead and decaying matter
✗ 4. Organism depends on insects for nutrition

Question ID : **9489118114**
Option 1 ID : **94891132456**
Option 2 ID : **94891132454**
Option 3 ID : **94891132453**
Option 4 ID : **94891132455**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Which of the following is NOT a pilgrim place of the Buddhist?

Ans
✗ 1. Sarnath
✓ 2. Gwalior
✗ 3. Bodh Gaya
✗ 4. Kushinagar

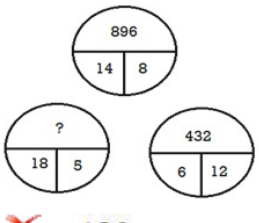
Question ID : **9489118117**
Option 1 ID : **94891132465**
Option 2 ID : **94891132468**
Option 3 ID : **94891132467**
Option 4 ID : **94891132466**
Status : **Marked For Review**
Chosen Option : **2**

Q.3 What is the third number in a group of three numbers with a combined average of 29, when the average of the other two numbers is 13?

Ans
✓ 1. 61
✗ 2. 28
✗ 3. 34
✗ 4. 30

Question ID : **9489118383**
Option 1 ID : **94891133532**
Option 2 ID : **94891133530**
Option 3 ID : **94891133529**
Option 4 ID : **94891133531**
Status : **Marked For Review**
Chosen Option : **1**

Q.4 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).



Ans
✗ 1. 120
✗ 2. 600
✗ 3. 185
✓ 4. 450

Question ID : **9489118384**
Option 1 ID : **94891133533**
Option 2 ID : **94891133536**
Option 3 ID : **94891133534**
Option 4 ID : **94891133535**
Status : **Answered**
Chosen Option : **4**

Q.5 Select the option in which the words share the same relationship as that shared by the given pair of words.

Labrador : Dog

Ans

✗ 1. Leaf : Tree

✗ 2. Individual : Mankind

✗ 3. Mouse : Cat

✓ 4. Jazz : Music

Question ID : **9489118377**
Option 1 ID : **94891133506**
Option 2 ID : **94891133508**
Option 3 ID : **94891133507**
Option 4 ID : **94891133505**
Status : **Answered**
Chosen Option : **4**

Q.6 The different patterns formed by different group of stars are called:

Ans

✓ 1. constellations

✗ 2. stars

✗ 3. planets

✗ 4. celestial bodies

Question ID : **9489118125**
Option 1 ID : **94891132500**
Option 2 ID : **94891132499**
Option 3 ID : **94891132497**
Option 4 ID : **94891132498**
Status : **Marked For Review**
Chosen Option : **4**

Q.7 Which of the following is NOT a major drawback of nuclear power generation?

Ans

✗ 1. Storage and disposal of used fuel

✓ 2. Electricity generation

✗ 3. Risk of accidental leakage of nuclear radiation

✗ 4. High cost of installation of a nuclear power plant

Question ID : **9489118130**
Option 1 ID : **94891132517**
Option 2 ID : **94891132520**
Option 3 ID : **94891132518**
Option 4 ID : **94891132519**
Status : **Answered**
Chosen Option : **2**

Q.8 Who is the youngest candidate to win the Lok Sabha elections, 2019?

Ans
✔ 1. Chandrani Murmu
✘ 2. Tejasvi Surya
✘ 3. Nusrat Jahan
✘ 4. Dushyant Chautala

Question ID : **9489118106**
Option 1 ID : **94891132423**
Option 2 ID : **94891132421**
Option 3 ID : **94891132422**
Option 4 ID : **94891132424**
Status : **Answered**
Chosen Option : **1**

Q.9 If length of each side of a cube is doubled, then its volume _____ the original volume.

Ans
✘ 1. is doubled
✘ 2. becomes 9 times
✔ 3. becomes 8 times
✘ 4. becomes 6 times

Question ID : **9489117964**
Option 1 ID : **94891131855**
Option 2 ID : **94891131854**
Option 3 ID : **94891131853**
Option 4 ID : **94891131856**
Status : **Answered**
Chosen Option : **3**

Q.10 Three of the following four figures are similar in a certain way and one is different. Select the figure that is different.

Ans
✘ 1. Figure 3
✔ 2. Figure 2
✘ 3. Figure 1
✘ 4. Figure 4

Question ID : **9489118394**
Option 1 ID : **94891133575**
Option 2 ID : **94891133574**
Option 3 ID : **94891133573**
Option 4 ID : **94891133576**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Babu purchased a car for ₹3,00,000/- and a bike for his son for ₹1,00,000/-. He sold the car at a profit of 10% and bike at a loss of 20%. What is the net gain or loss?

Ans
✗ 1. 2.5% loss
✓ 2. 2.5% gain
✗ 3. 1.5% loss
✗ 4. 2% gain

Question ID : **9489117960**
Option 1 ID : **94891131839**
Option 2 ID : **94891131840**
Option 3 ID : **94891131838**
Option 4 ID : **94891131837**
Status : **Answered**
Chosen Option : **2**

Q.12 Two persons A and B are travelling towards each other at the speeds of 10 km/h and 14 km/h. The distance between them is 24 km. Find the time taken by them to meet each other.

Ans
✗ 1. 3 h
✗ 2. 2 h
✓ 3. 1 h
✗ 4. 2.5 h

Question ID : **9489117962**
Option 1 ID : **94891131845**
Option 2 ID : **94891131846**
Option 3 ID : **94891131847**
Option 4 ID : **94891131848**
Status : **Answered**
Chosen Option : **3**

Q.13 A principal amount of ₹6,000/- borrowed for compound interest is raised to ₹7,986 in 3 years. What is the rate of interest?

Ans
✗ 1. 7.5%
✗ 2. 6%
✓ 3. 10%
✗ 4. 20%

Question ID : **9489117958**
Option 1 ID : **94891131832**
Option 2 ID : **94891131831**
Option 3 ID : **94891131830**
Option 4 ID : **94891131829**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.14 If $\cos x - 3\sin x = \sqrt{5}\ \sin x$, then the value of $\tan x$ is:

Ans

✔ 1. $\frac{3-\sqrt{5}}{4}$

✘ 2. $\frac{3+\sqrt{5}}{4}$

✘ 3. $\frac{3-\sqrt{5}}{6}$

✘ 4. $3-\sqrt{5}$

Question ID : **9489117972**
Option 1 ID : **94891131888**
Option 2 ID : **94891131887**
Option 3 ID : **94891131885**
Option 4 ID : **94891131886**
Status : **Answered**
Chosen Option : **1**

Q.15 Mundaka Upanishad belongs to the:

Ans

✔ 1. Atharva Veda

✘ 2. Sam Veda

✘ 3. Rig Veda

✘ 4. Yajur Veda

Question ID : **9489118109**
Option 1 ID : **94891132433**
Option 2 ID : **94891132435**
Option 3 ID : **94891132434**
Option 4 ID : **94891132436**
Status : **Answered**
Chosen Option : **2**

Q.16 The difference between the place values of 2 and 4 in the number 275413 is:

Ans

✘ 1. 2

✔ 2. 199600

✘ 3. 196600

✘ 4. –2

Question ID : **9489117948**
Option 1 ID : **94891131789**
Option 2 ID : **94891131791**
Option 3 ID : **94891131792**
Option 4 ID : **94891131790**
Status : **Answered**
Chosen Option : **2**

Q.17 Solve the given equation.

$\sqrt{(544)^2 - (256)^2} = ?$

Ans
✔ 1. 480
✘ 2. 144
✘ 3. 288
✘ 4. 400

Question ID : **9489117953**
Option 1 ID : **94891131811**
Option 2 ID : **94891131812**
Option 3 ID : **94891131809**
Option 4 ID : **94891131810**
Status : **Answered**
Chosen Option : **1**

Q.18 If x : y = 2 : 3, then (4x + 3y) : (2x + 5y) = ?

Ans
✘ 1. 13 : 11
✔ 2. 17 : 19
✘ 3. 11 : 13
✘ 4. 19 : 17

Question ID : **9489117955**
Option 1 ID : **94891131820**
Option 2 ID : **94891131819**
Option 3 ID : **94891131818**
Option 4 ID : **94891131817**
Status : **Answered**
Chosen Option : **2**

Q.19 Select the number that can replace the question mark (?) in the following series.

5, 13, 29, ?

Ans
✔ 1. 61
✘ 2. 51
✘ 3. 41
✘ 4. 71

Question ID : **9489118401**
Option 1 ID : **94891133603**
Option 2 ID : **94891133602**
Option 3 ID : **94891133604**
Option 4 ID : **94891133601**
Status : **Answered**
Chosen Option : **1**

Q.20 In a group of boys, Rohan is not as strong as Zeeshan. Mathew is stronger than Paul. Subhash is weaker than Rohan but stronger than Paul. Akhil is as strong as Zeeshan but weaker than Sujeet. Mathew is not as strong as Rohan. Who is the strongest among the given group of boys?

Ans
- ✗ 1. Akhil
- ✗ 2. Mathew
- ✓ 3. Sujeet
- ✗ 4. Zeeshan

Question ID : **9489118403**
Option 1 ID : **94891133611**
Option 2 ID : **94891133612**
Option 3 ID : **94891133609**
Option 4 ID : **94891133610**
Status : **Answered**
Chosen Option : **3**

Q.21 What is meant by dental caries?

Ans
- ✗ 1. Sticking of food particles to the tooth
- ✓ 2. Tooth decay
- ✗ 3. Inflammation of the tooth
- ✗ 4. Whitening of the tooth

Question ID : **9489118116**
Option 1 ID : **94891132463**
Option 2 ID : **94891132462**
Option 3 ID : **94891132461**
Option 4 ID : **94891132464**
Status : **Not Answered**
Chosen Option : **--**

Q.22 The value of $\sqrt{142884}$ is:

Ans
- ✗ 1. 358
- ✗ 2. 388
- ✗ 3. 368
- ✓ 4. 378

Question ID : **9489117947**
Option 1 ID : **94891131788**
Option 2 ID : **94891131787**
Option 3 ID : **94891131785**
Option 4 ID : **94891131786**
Status : **Marked For Review**
Chosen Option : **4**

Q.23 Who is the Chief of Naval Staff as of December 2020?

Ans
- ✗ 1. Admiral Robin K Dhowan
- ✗ 2. Admiral Nirmal Kumar Verma
- ✗ 3. Admiral Devendra Kumar Joshi
- ✓ 4. Admiral Karambir Singh

Question ID : **9489118107**
Option 1 ID : **94891132428**
Option 2 ID : **94891132427**
Option 3 ID : **94891132426**
Option 4 ID : **94891132425**
Status : **Answered**
Chosen Option : **4**

Q.24 Electrostatic precipitators are used to control:

Ans
- ✗ 1. noise pollution
- ✗ 2. water pollution
- ✓ 3. air pollution
- ✗ 4. visual pollution

Question ID : **9489118133**
Option 1 ID : **94891132530**
Option 2 ID : **94891132529**
Option 3 ID : **94891132532**
Option 4 ID : **94891132531**
Status : **Answered**
Chosen Option : **2**

Q.25 Who was appointed as the Defence Minister of India in May 2019?

Ans
- ✗ 1. Ravi Shankar Prasad
- ✓ 2. Rajnath Singh
- ✗ 3. Narendra Singh Tomar
- ✗ 4. Harsimrat Kaur Badal

Question ID : **9489118104**
Option 1 ID : **94891132416**
Option 2 ID : **94891132415**
Option 3 ID : **94891132414**
Option 4 ID : **94891132413**
Status : **Answered**
Chosen Option : **2**

Q.26 Organisms that can make food themselves from simple substances are called:

Ans
- ✗ 1. heterotrophs
- ✓ 2. autotrophs
- ✗ 3. saprotrophs
- ✗ 4. holozoic organisms

Question ID : **9489118115**
Option 1 ID : **94891132457**
Option 2 ID : **94891132460**
Option 3 ID : **94891132458**
Option 4 ID : **94891132459**
Status : **Answered**
Chosen Option : **2**

Q.27 Raw material and money in hand for production are classified under:

Ans
- ✗ 1. human capital
- ✗ 2. fixed capital
- ✓ 3. working capital
- ✗ 4. physical capital

Question ID : **9489118122**
Option 1 ID : **94891132487**
Option 2 ID : **94891132488**
Option 3 ID : **94891132486**
Option 4 ID : **94891132485**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.28 'A set of norms and guidelines to be followed by political parties and contesting candidates during election time' is called:

Ans
- ✓ 1. code of conduct
- ✗ 2. incumbent
- ✗ 3. level playing field
- ✗ 4. rigging

Question ID : **9489118129**
Option 1 ID : **94891132514**
Option 2 ID : **94891132515**
Option 3 ID : **94891132513**
Option 4 ID : **94891132516**
Status : **Not Answered**
Chosen Option : **--**

Q.29 Select the number that can replace the question mark (?) in the following equation.

$$47^{7.5} \div 47^{\frac{3}{2}} \times 47^{-3} = (\sqrt{47})^{?}$$

Ans
✔ 1. 6
✘ 2. 4
✘ 3. 5
✘ 4. $2\frac{1}{2}$

Question ID : **9489117949**
Option 1 ID : **94891131795**
Option 2 ID : **94891131793**
Option 3 ID : **94891131796**
Option 4 ID : **94891131794**
Status : **Answered**
Chosen Option : **1**

Q.30 Which period is known as the 'Golden Revolution' in India?

Ans
✘ 1. 1990-2001
✔ 2. 1991-2003
✘ 3. 1991-2002
✘ 4. 1991-2001

Question ID : **9489118139**
Option 1 ID : **94891132553**
Option 2 ID : **94891132556**
Option 3 ID : **94891132555**
Option 4 ID : **94891132554**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.31 If $\frac{0.008}{x} = 0.01$, then $x = ?$

Ans
✘ 1. 0.0008
✔ 2. 0.8
✘ 3. 0.08
✘ 4. 8

Question ID : **9489117945**
Option 1 ID : **94891131777**
Option 2 ID : **94891131779**
Option 3 ID : **94891131778**
Option 4 ID : **94891131780**
Status : **Answered**
Chosen Option : **2**

Q.32 The disorder of goiter is caused due to the deficiency of:

Ans
✔ 1. iodine
✘ 2. calcium
✘ 3. potassium
✘ 4. sodium

Question ID : **9489118112**
Option 1 ID : **94891132445**
Option 2 ID : **94891132448**
Option 3 ID : **94891132446**
Option 4 ID : **94891132447**
Status : **Marked For Review**
Chosen Option : **1**

Q.33 40% of the goods are sold at 2% loss while the rest of the goods are sold at 4% profit. If there is a total profit of ₹250, then the cost price of goods sold is:

Ans
✔ 1. ₹15,625/-
✘ 2. ₹9,000/-
✘ 3. ₹5,625/-
✘ 4. ₹6,525/-

Question ID : **9489117959**
Option 1 ID : **94891131835**
Option 2 ID : **94891131836**
Option 3 ID : **94891131834**
Option 4 ID : **94891131833**
Status : **Not Answered**
Chosen Option : **--**

Q.34 The National Rural Employment Guarantee Act provides employment to every household for at least:

Ans
✘ 1. 125 days
✘ 2. 120 days
✔ 3. 100 days
✘ 4. 150 days

Question ID : **9489118124**
Option 1 ID : **94891132496**
Option 2 ID : **94891132494**
Option 3 ID : **94891132495**
Option 4 ID : **94891132493**
Status : **Marked For Review**
Chosen Option : **3**

Q.35 If A lies in the second quadrant and $13\sin A - 12 = 0$, then $5\sin A + 12\cos A + \tan^2 A - (\sec^2 A - 1) = ?$

Ans
✔ 1. 0
✘ 2. $\frac{48}{5}$
✘ 3. $\frac{24}{5}$
✘ 4. $-\frac{24}{5}$

Question ID : **9489117969**
Option 1 ID : **94891131873**
Option 2 ID : **94891131876**
Option 3 ID : **94891131875**
Option 4 ID : **94891131874**
Status : **Answered**
Chosen Option : **1**

Q.36 In a certain code language, GOAL is written as 3671 and HUNT is written as 4985. How will HANG be written as in that language?

Ans
✘ 1. 4873
✔ 2. 4783
✘ 3. 4378
✘ 4. 4837

Question ID : **9489118375**
Option 1 ID : **94891133497**
Option 2 ID : **94891133500**
Option 3 ID : **94891133498**
Option 4 ID : **94891133499**
Status : **Answered**
Chosen Option : **2**

Q.37 What type of signals does DVI- I pass?

Ans
✘ 1. Passes neither digital nor analog video signals
✔ 2. Passes both digital and analog video signals
✘ 3. Passes only digital video signals
✘ 4. Passes only analog video signals

Question ID : **9489118138**
Option 1 ID : **94891132552**
Option 2 ID : **94891132551**
Option 3 ID : **94891132549**
Option 4 ID : **94891132550**
Status : **Not Answered**
Chosen Option : **--**

Q.38 The well-known poem 'Meghaduta' was written by:

Ans
✗ 1. Ilango
✗ 2. Premchand
✗ 3. Sattanar
✓ 4. Kalidasa

Question ID : **9489118108**
Option 1 ID : **94891132431**
Option 2 ID : **94891132432**
Option 3 ID : **94891132429**
Option 4 ID : **94891132430**
Status : **Marked For Review**
Chosen Option : **4**

Q.39 What is the main function of the IAEA?

Ans
✗ 1.
It promotes and monitors excess use of petroleum energy throughout the world.

✗ 2.
It seeks to promote the arbitrary use of nuclear energy throughout the world.

✓ 3.
It seeks to promote the peaceful use of nuclear energy throughout the world.

✗ 4.
It promotes and monitors excess use of coal energy throughout the world.

Question ID : **9489118134**
Option 1 ID : **94891132534**
Option 2 ID : **94891132533**
Option 3 ID : **94891132535**
Option 4 ID : **94891132536**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.40 In a certain code language, 'Ram work there' is written as 'huge tyo tre', 'Sima study there' is written as 'noe dow tre', and 'Ram study here' is written as 'huge dow try', then how will 'Ram there' and 'Sima work' be written as in that language respectively?

Ans
✗ 1. 'huge tyo' and 'dow tre'
✓ 2. 'huge tre' and 'noe tyo'
✗ 3. 'noe tyo' and 'huge dow'
✗ 4. 'try dow' and 'huge tyo'

Question ID : **9489118402**
Option 1 ID : **94891133606**
Option 2 ID : **94891133608**
Option 3 ID : **94891133607**
Option 4 ID : **94891133605**
Status : **Answered**
Chosen Option : **2**

Q.41 If Raju is thrice as good workman as Ravi and takes 20 days less than him to complete a piece of work, then find the time taken by Ravi to complete the work.

Ans
✗ 1. 20 days
✓ 2. 30 days
✗ 3. 10 days
✗ 4. 40 days

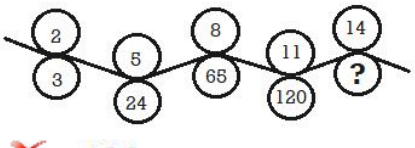
Question ID : **9489117961**
Option 1 ID : **94891131841**
Option 2 ID : **94891131842**
Option 3 ID : **94891131843**
Option 4 ID : **94891131844**
Status : **Answered**
Chosen Option : **2**

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

Ans
✗ 1. Cray-3
✗ 2. PARAM
✓ 3. PDA
✗ 4. EKA

Question ID : **9489118137**
Option 1 ID : **94891132547**
Option 2 ID : **94891132545**
Option 3 ID : **94891132548**
Option 4 ID : **94891132546**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.43 Study the given pattern carefully and select the number that can replace the question mark (?) in it.



Ans
✗ 1. 196
✗ 2. 198
✓ 3. 195
✗ 4. 168

Question ID : **9489118387**
Option 1 ID : **94891133547**
Option 2 ID : **94891133546**
Option 3 ID : **94891133548**
Option 4 ID : **94891133545**
Status : **Answered**
Chosen Option : **3**

Q.44 In a group of class, 6 students can speak English, 15 Students can speak Hindi and 6 can speak Bengali. Nobody can speak any other language. If 2 Students in the class can speak two languages and one person can speak all the three languages, then how many students are there in the class?

Ans
✔ 1. 23
✘ 2. 22
✘ 3. 24
✘ 4. 21

Question ID : **9489118398**
Option 1 ID : **94891133591**
Option 2 ID : **94891133590**
Option 3 ID : **94891133592**
Option 4 ID : **94891133589**
Status : **Answered**
Chosen Option : **2**

Q.45 The mean of 20 observations is 50. It was later found that two observations 13 and 24 were incorrectly recorded as 31 and 42. The correct mean is:

Ans
✘ 1. 51.85
✘ 2. 47.25
✘ 3. 50
✔ 4. 48.20

Question ID : **9489117973**
Option 1 ID : **94891131890**
Option 2 ID : **94891131889**
Option 3 ID : **94891131892**
Option 4 ID : **94891131891**
Status : **Answered**
Chosen Option : **4**

Q.46 Maitri and Dakshin Gangotri are research centres located in:

Ans
✘ 1. North America
✔ 2. Antarctica
✘ 3. Oceania
✘ 4. South America

Question ID : **9489118126**
Option 1 ID : **94891132501**
Option 2 ID : **94891132504**
Option 3 ID : **94891132502**
Option 4 ID : **94891132503**
Status : **Answered**
Chosen Option : **2**

Q.47 The HCF of two numbers is 4 and their product is 48. Find the numbers.

Ans
✗ 1. 4, 8
✓ 2. 4, 12
✗ 3. 4, 24
✗ 4. 12, 16

Question ID : **9489117946**
Option 1 ID : **94891131781**
Option 2 ID : **94891131783**
Option 3 ID : **94891131784**
Option 4 ID : **94891131782**
Status : **Answered**
Chosen Option : **2**

Q.48 Which of the following diseases is caused by bacteria?

Ans
✓ 1. Diphtheria
✗ 2. Measles
✗ 3. Mumps
✗ 4. Chicken pox

Question ID : **9489118113**
Option 1 ID : **94891132452**
Option 2 ID : **94891132450**
Option 3 ID : **94891132451**
Option 4 ID : **94891132449**
Status : **Not Answered**
Chosen Option : **--**

Q.49 The areas or regions of the world that are located outside the sovereign jurisdiction of any one state, and therefore require common governance by the international community are known as:

Ans
✓ 1. global commons
✗ 2. ecosystem
✗ 3. zero line
✗ 4. barren areas

Question ID : **9489118135**
Option 1 ID : **94891132537**
Option 2 ID : **94891132540**
Option 3 ID : **94891132538**
Option 4 ID : **94891132539**
Status : **Not Answered**
Chosen Option : **--**

Q.50 Solve the given equation.

$2 - [2 - \{2 - 2(2 + 2)\}] = ?$

Ans
1. 4
2. –6
3. –4
4. 6

Question ID : **9489117944**
Option 1 ID : **94891131774**
Option 2 ID : **94891131776**
Option 3 ID : **94891131773**
Option 4 ID : **94891131775**
Status : **Answered**
Chosen Option : **2**

Q.51 Which music composer was the recipient of the Padma Vibhushan award in 2018 who passed away in Jan, 2021?

Ans
1. Vijay Kichlu
2. Sharda Sinha
3. Ghulam Mustafa Khan
4. Arvind Parikh

Question ID : **9489118105**
Option 1 ID : **94891132419**
Option 2 ID : **94891132418**
Option 3 ID : **94891132420**
Option 4 ID : **94891132417**
Status : **Not Answered**
Chosen Option : **--**

Q.52 Which is the descending order in the following fractions?

Ans

✗ 1. $\frac{6}{7}, \frac{5}{6}, \frac{11}{13}, \frac{16}{17}$

✓ 2. $\frac{16}{17}, \frac{6}{7}, \frac{11}{13}, \frac{5}{6}$

✗ 3. $\frac{5}{6}, \frac{6}{7}, \frac{11}{13}, \frac{16}{17}$

✗ 4. $\frac{11}{13}, \frac{16}{17}, \frac{6}{7}, \frac{5}{6}$

Question ID : **9489117950**
Option 1 ID : **94891131798**
Option 2 ID : **94891131800**
Option 3 ID : **94891131797**
Option 4 ID : **94891131799**
Status : **Answered**
Chosen Option : **2**

Q.53 If $(\sqrt{2}+1)^3 = a + b\sqrt{2}$, then the correct relation between a and b is

Ans

✗ 1. $a + b = 1$

✗ 2. $a = b + 1$

✓ 3. $a - b = 2$

✗ 4. $a^2 + b = 0$

Question ID : **9489117967**
Option 1 ID : **94891131866**
Option 2 ID : **94891131868**
Option 3 ID : **94891131865**
Option 4 ID : **94891131867**
Status : **Answered**
Chosen Option : **3**

Q.54 Select the option that is related to the third term in the same way as the second term is related to the first term.

Space : Astronaut :: Laboratory : ?

Ans
✗ 1. Plumber
✓ 2. Scientist
✗ 3. Microscope
✗ 4. Painter

Question ID : **9489118376**
Option 1 ID : **94891133501**
Option 2 ID : **94891133502**
Option 3 ID : **94891133504**
Option 4 ID : **94891133503**
Status : **Answered**
Chosen Option : **2**

Q.55 Who gave the slogan, "Swaraj is my birthright and I shall have it!"?

Ans
✗ 1. Bipin Chandra Pal
✗ 2. Lala Lajpat Rai
✗ 3. Bhagat Singh
✓ 4. Bal Gangadhar Tilak

Question ID : **9489118121**
Option 1 ID : **94891132481**
Option 2 ID : **94891132483**
Option 3 ID : **94891132484**
Option 4 ID : **94891132482**
Status : **Answered**
Chosen Option : **4**

Q.56 The money invested by foreign MNC's is known as:

Ans
✗ 1. Direct investment
✓ 2. Foreign direct investment
✗ 3. Foreign collateral
✗ 4. Foreign monetary investment

Question ID : **9489118143**
Option 1 ID : **94891132569**
Option 2 ID : **94891132570**
Option 3 ID : **94891132572**
Option 4 ID : **94891132571**
Status : **Answered**
Chosen Option : **2**

Q.57 How many schedules are there in the Wildlife (Protection) Act, 1972?

Ans
1. Seven
2. Five
3. Six
4. Four

Question ID : **9489118123**
Option 1 ID : **94891132492**
Option 2 ID : **94891132491**
Option 3 ID : **94891132489**
Option 4 ID : **94891132490**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.58 If 5A – 2B = 0 and 4B – 5C = 0, then C : A = ?

Ans
1. 4 : 6
2. 2 : 1
3. 6 : 4
4. 1 : 2

Question ID : **9489117954**
Option 1 ID : **94891131814**
Option 2 ID : **94891131815**
Option 3 ID : **94891131816**
Option 4 ID : **94891131813**
Status : **Answered**
Chosen Option : **4**

Q.59 The greatest number of three digits which is exactly divisible by 3, 4, 5 and 8 is:

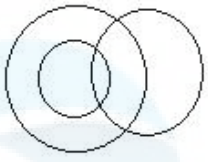
Ans
1. 980
2. 120
3. 960
4. 900

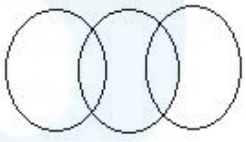
Question ID : **9489117952**
Option 1 ID : **94891131808**
Option 2 ID : **94891131805**
Option 3 ID : **94891131807**
Option 4 ID : **94891131806**
Status : **Answered**
Chosen Option : **3**

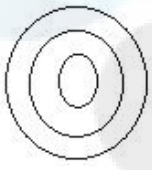
Q.60 Select the Venn diagram that best represents the relationship between the following classes.

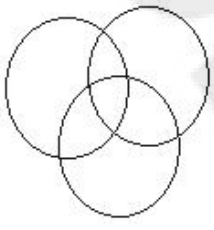
World, Asia, India

Ans

✗ 1. 

✗ 2. 

✓ 3. 

✗ 4. 

Question ID : **9489118400**
Option 1 ID : **94891133597**
Option 2 ID : **94891133600**
Option 3 ID : **94891133598**
Option 4 ID : **94891133599**
Status : **Answered**
Chosen Option : **3**

Q.61 'A company hires regular service(s) from external sources, mostly from other countries, which were previously provided internally or from within the country'. This business practice is known as:

Ans

✗ 1. globalisation

✗ 2. privatisation

✗ 3. liberalisation

✓ 4. outsourcing

Question ID : **9489118141**
Option 1 ID : **94891132562**
Option 2 ID : **94891132561**
Option 3 ID : **94891132564**
Option 4 ID : **94891132563**
Status : **Marked For Review**
Chosen Option : **1**

Q.62 Identify the number that does NOT belong to the following series.

3124 , 9728, 6305, 2015

Ans
✔ 1. 2015
✘ 2. 9728
✘ 3. 6305
✘ 4. 3124

Question ID : **9489118395**
Option 1 ID : **94891133579**
Option 2 ID : **94891133578**
Option 3 ID : **94891133580**
Option 4 ID : **94891133577**
Status : **Not Answered**
Chosen Option : **--**

Q.63 The interior angle of a regular polygon is 108°. The number of the sides of the polygon is:

Ans
✘ 1. 15
✘ 2. 108
✔ 3. 5
✘ 4. 360

Question ID : **9489117968**
Option 1 ID : **94891131869**
Option 2 ID : **94891131872**
Option 3 ID : **94891131870**
Option 4 ID : **94891131871**
Status : **Answered**
Chosen Option : **3**

Q.64 Which of the following is NOT an employment generating scheme?

Ans
✔ 1. Pradhan Mantri Jan Dhan Yojana
✘ 2. Prime Minister's Rozgar Yojana
✘ 3. Swarna Jayanti Shahari Rozgar Yojana
✘ 4. Swarnajayanti Gram Swarozgar Yojana

Question ID : **9489118142**
Option 1 ID : **94891132568**
Option 2 ID : **94891132565**
Option 3 ID : **94891132566**
Option 4 ID : **94891132567**
Status : **Answered**
Chosen Option : **1**

Q.65 Which of the following pairs of countries have a two-party system?

Ans
- ✗ 1. India and Pakistan
- ✗ 2. China and South Korea
- ✓ 3. United States of America and United Kingdom
- ✗ 4. Sri Lanka and Bhutan

Question ID : **9489118128**
Option 1 ID : **94891132509**
Option 2 ID : **94891132511**
Option 3 ID : **94891132510**
Option 4 ID : **94891132512**
Status : **Answered**
Chosen Option : **3**

Q.66 Lal, Bal, Pal - to which states of India did these freedom fighters belong respectively?

Ans
- ✗ 1. Punjab, Maharashtra, Madras
- ✗ 2. Bengal, Rajasthan, Maharashtra
- ✓ 3. Punjab, Maharashtra, Bengal
- ✗ 4. Maharashtra, Punjab, Rajasthan

Question ID : **9489118119**
Option 1 ID : **94891132476**
Option 2 ID : **94891132475**
Option 3 ID : **94891132474**
Option 4 ID : **94891132473**
Status : **Marked For Review**
Chosen Option : **3**

Q.67 Which vitamin keeps our eyes and skin healthy?

Ans
- ✗ 1. Vitamin B
- ✗ 2. Vitamin D
- ✗ 3. Vitamin E
- ✓ 4. Vitamin A

Question ID : **9489118111**
Option 1 ID : **94891132443**
Option 2 ID : **94891132442**
Option 3 ID : **94891132441**
Option 4 ID : **94891132444**
Status : **Answered**
Chosen Option : **4**

Q.68 The volume of a hemisphere is 19404 cm^3. Its radius is: (Use $\pi = \frac{22}{7}$)

Ans
- ✗ 1. 19 cm
- ✗ 2. 20 cm
- ✓ 3. 21 cm
- ✗ 4. 30 cm

Question ID : **9489117965**
Option 1 ID : **94891131857**
Option 2 ID : **94891131858**
Option 3 ID : **94891131859**
Option 4 ID : **94891131860**
Status : **Answered**
Chosen Option : **3**

Q.69 Ayushman Bharat Yojana of the Central Government is related with_____.

Ans
- ✗ 1. Energy
- ✗ 2. Education
- ✓ 3. Health
- ✗ 4. Agriculture

Question ID : **9489118140**
Option 1 ID : **94891132559**
Option 2 ID : **94891132558**
Option 3 ID : **94891132557**
Option 4 ID : **94891132560**
Status : **Answered**
Chosen Option : **3**

Q.70 A system of government where the power is divided between a central authority and various constituent units of the country is called:

Ans
- ✓ 1. federalism
- ✗ 2. oligarchy
- ✗ 3. monarchy
- ✗ 4. democracy

Question ID : **9489118127**
Option 1 ID : **94891132505**
Option 2 ID : **94891132507**
Option 3 ID : **94891132508**
Option 4 ID : **94891132506**
Status : **Answered**
Chosen Option : **1**

Q.71 X, Y and Z together earn ₹2,400/- in 15 days. X and Y together earn ₹1,840/- in 16 days. Y and Z together earn ₹1,530/- in 18 days. What is the daily earning (in ₹) of Y?

Ans
✔ 1. 40
✘ 2. 30
✘ 3. 50
✘ 4. 60

Question ID : **9489117963**
Option 1 ID : **94891131850**
Option 2 ID : **94891131849**
Option 3 ID : **94891131851**
Option 4 ID : **94891131852**
Status : **Answered**
Chosen Option : **1**

Q.72 The product of two numbers is 64 and their sum is 20. If the first number is greater than the second, then the ratio of the two numbers is:

Ans
✘ 1. 5 : 16
✘ 2. 16 : 5
✔ 3. 4 : 1
✘ 4. 1 : 4

Question ID : **9489117966**
Option 1 ID : **94891131864**
Option 2 ID : **94891131862**
Option 3 ID : **94891131863**
Option 4 ID : **94891131861**
Status : **Answered**
Chosen Option : **3**

Q.73 In an examination, 90% of students passed and 260 students failed. The total number of the students is:

Ans
✔ 1. 2600
✘ 2. 1500
✘ 3. 3700
✘ 4. 500

Question ID : **9489117956**
Option 1 ID : **94891131822**
Option 2 ID : **94891131823**
Option 3 ID : **94891131821**
Option 4 ID : **94891131824**
Status : **Answered**
Chosen Option : **1**

Q.74 The Meenakshi Temple is located in:

Ans
✔ 1. Tamil Nadu
✘ 2. Odisha
✘ 3. Kerala
✘ 4. Goa

Question ID : **9489118110**
Option 1 ID : **94891132439**
Option 2 ID : **94891132438**
Option 3 ID : **94891132437**
Option 4 ID : **94891132440**
Status : **Answered**
Chosen Option : **1**

Q.75 A invests two equal amounts in two banks giving rates of simple interest as10% per annum and 12% per annum respectively. At the end of the year, the interest earned is ₹1,650/-. The amount invested in each bank is:

Ans
✘ 1. ₹15,000/-
✘ 2. ₹750/-
✔ 3. ₹7,500/-
✘ 4. ₹1,650/-

Question ID : **9489117957**
Option 1 ID : **94891131828**
Option 2 ID : **94891131825**
Option 3 ID : **94891131827**
Option 4 ID : **94891131826**
Status : **Answered**
Chosen Option : **3**

Q.76 The least number that should be added to 1549 so that the sum is exactly divisible by 2, 3, 5 and 7 is:

Ans
✘ 1. 79
✘ 2. 210
✔ 3. 131
✘ 4. 1339

Question ID : **9489117951**
Option 1 ID : **94891131802**
Option 2 ID : **94891131801**
Option 3 ID : **94891131803**
Option 4 ID : **94891131804**
Status : **Answered**
Chosen Option : **3**

Q.77 The value of $\sqrt{\frac{1-\cos 300^\circ}{2}}$ is:

Ans

✔ 1. $\frac{1}{2}$

✘ 2. $\sqrt{2}$

✘ 3. $\frac{1}{\sqrt{2}}$

✘ 4. 2

Question ID : **9489117970**
Option 1 ID : **94891131880**
Option 2 ID : **94891131877**
Option 3 ID : **94891131878**
Option 4 ID : **94891131879**
Status : **Answered**
Chosen Option : **1**

Q.78 Find the median of 45, 76, 32, 58, 16, 27, 64 and 35.

Ans

✘ 1. 35

✔ 2. 40

✘ 3. 45

✘ 4. 42

Question ID : **9489117971**
Option 1 ID : **94891131881**
Option 2 ID : **94891131882**
Option 3 ID : **94891131884**
Option 4 ID : **94891131883**
Status : **Answered**
Chosen Option : **2**

Q.79 Read the given statements and conclusions carefully and decide which of the conclusions logically follow(s) from the statements.

Statements:

(i) All girls in my class are good dancers.

(ii) All good dancers are acrobats.

(iii) Some boys in my class are acrobats.

Conclusions:

(i) Some boys in my class are good dancers.

(ii) All acrobats in my class are good dancers.

(iii) All girls in my class are acrobats.

Ans

✗ 1. Both conclusions (ii) and (iii) follow.

✗ 2. Both conclusions (i) and (ii) follow.

✓ 3. Only conclusion (iii) follows.

✗ 4. Only conclusion (i) follows.

Question ID : **9489118382**
Option 1 ID : **94891133528**
Option 2 ID : **94891133526**
Option 3 ID : **94891133527**
Option 4 ID : **94891133525**
Status : **Answered**
Chosen Option : **3**

Q.80 Sanskrit belongs to which family of languages?

Ans

✗ 1. Dravidian

✗ 2. Tibeto-Burman

✓ 3. Indo-European

✗ 4. Austro-Asiatic

Question ID : **9489118118**
Option 1 ID : **94891132471**
Option 2 ID : **94891132470**
Option 3 ID : **94891132469**
Option 4 ID : **94891132472**
Status : **Answered**
Chosen Option : **3**

Q.81 What is the short form of programmable read-only memory?

Ans
✗ 1. PPROM
✗ 2. ROM
✗ 3. RAM
✓ 4. PROM

Question ID : **9489118136**
Option 1 ID : **94891132544**
Option 2 ID : **94891132541**
Option 3 ID : **94891132543**
Option 4 ID : **94891132542**
Status : **Answered**
Chosen Option : **3**

Q.82 Which of the following was NOT a type of tax imposed by the state during the reign of Alauddin Khalji?

Ans
✗ 1. Tax on cattle
✗ 2. Tax on cultivation
✗ 3. Tax on housing
✓ 4. Tax on small scale industries

Question ID : **9489118120**
Option 1 ID : **94891132477**
Option 2 ID : **94891132480**
Option 3 ID : **94891132478**
Option 4 ID : **94891132479**
Status : **Not Answered**
Chosen Option : **--**

Q.83 The repeated reflection that results in the persistence of sound is called:

Ans
✓ 1. reverberation
✗ 2. sonic boom
✗ 3. reflection
✗ 4. echo

Question ID : **9489118132**
Option 1 ID : **94891132525**
Option 2 ID : **94891132528**
Option 3 ID : **94891132526**
Option 4 ID : **94891132527**
Status : **Answered**
Chosen Option : **4**

Q.84 The technology that uses the reflection of ultrasound waves to produce images of the heart is known as:

Ans

✔ 1. echocardiography

✘ 2. ultrasonography

✘ 3. echocardiogram

✘ 4. sonography

Question ID : **9489118131**
Option 1 ID : **94891132523**
Option 2 ID : **94891132522**
Option 3 ID : **94891132524**
Option 4 ID : **94891132521**
Status : **Answered**
Chosen Option : **1**

Q.85 A question is given followed by two arguments. Decide which of the arguments is/are strong with respect to the question.

Question:

Should Hollywood movies be banned in India because they corrupt the values of children and youth in India?

Arguments:

(i) No, they make them familiar with different cultures and different values.
(ii) Yes, Hollywood movies decrease the viewership of Bollywood movies.

Ans

✔ 1. Only argument (i) is strong.

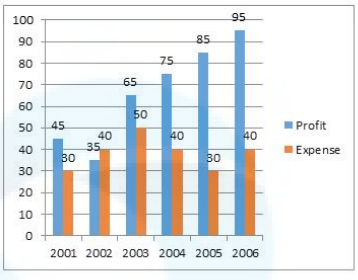
✘ 2. Only argument (ii) is strong.

✘ 3. None of the arguments is strong.

✘ 4. Both the arguments are strong.

Question ID : **9489118381**
Option 1 ID : **94891133521**
Option 2 ID : **94891133522**
Option 3 ID : **94891133524**
Option 4 ID : **94891133523**
Status : **Answered**
Chosen Option : **1**

Q.86 Study the following graph showing the Profit and Expense of a Company from 2001 to 2006 and answer the question (Amounts in Lakhs).



For how many years was the profit more than the average profit of the given years?

Ans
✔ 1. 3
✘ 2. 2
✘ 3. 4
✘ 4. 1

Question ID : **9489118389**
Option 1 ID : **94891133555**
Option 2 ID : **94891133554**
Option 3 ID : **94891133556**
Option 4 ID : **94891133553**
Status : **Answered**
Chosen Option : **1**

Q.87 Study the data and answer the question that follows.

In a class of 20, the students have been allotted an annual student ID of 6 digits. The first two digits denote the student's identity. The middle two digits are based on abilities. If they are good debaters/dancers/singers they are given odd number as middle two digits and if they excel in science quizzes/drama/writing they are allotted even numbers. The last two digits are odd if they did below average on the annual IQ test, else it is even.

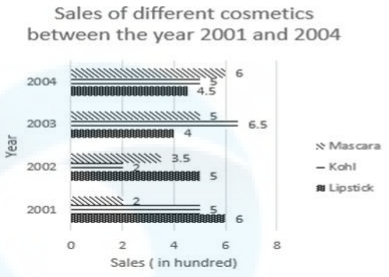
250222	360623	202122	190822
330222	343723	090623	180222
260823	470822	953522	440622
420623	600623	920822	513723
232122	212122	630222	120623

How many students did below average in their IQ test but they are good with science quizzes/drama/writing?

Ans
✘ 1. 8
✔ 2. 6
✘ 3. 4
✘ 4. 2

Question ID : **9489118390**
Option 1 ID : **94891133559**
Option 2 ID : **94891133560**
Option 3 ID : **94891133558**
Option 4 ID : **94891133557**
Status : **Answered**
Chosen Option : **4**

Q.88 According to the following graph, find the average annual percentage growth of mascara through the years 2001, 2002, 2003 and 2004.

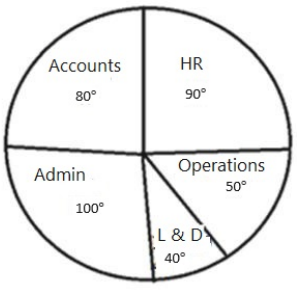


Ans

1. 75%
2. 50%
3. 100%
4. 46%

Question ID : **9489118391**
Option 1 ID : **94891133563**
Option 2 ID : **94891133562**
Option 3 ID : **94891133564**
Option 4 ID : **94891133561**
Status : **Answered**
Chosen Option : **2**

Q.89



The above pie-chart shows the amount spent by each of the departments on their annual functions. Find the amount spent by Admin and HR, if L and D expense amounts to ₹6,400.

Ans

1. ₹31,740
2. ₹33,155
3. ₹30,400
4. ₹37,475

Question ID : **9489118392**
Option 1 ID : **94891133566**
Option 2 ID : **94891133567**
Option 3 ID : **94891133565**
Option 4 ID : **94891133568**
Status : **Answered**
Chosen Option : **3**

Q.90 Huma 's mother gave Huma 4 baskets of blueberries each labelled A, B, C, D. Each berry weighs 5 g, except for the basket, which has all rotten berries, where each berry has a weight of 3 g. Huma took out 1, 2, 3 and 4 berries from the baskets A, B, C and D respectively and weighed them to be 44 grams. Which basket has the rotten berries?

Ans
✗ 1. Basket A
✗ 2. Basket D
✓ 3. Basket C
✗ 4. Basket B

Question ID : **9489118399**
Option 1 ID : **94891133593**
Option 2 ID : **94891133596**
Option 3 ID : **94891133595**
Option 4 ID : **94891133594**
Status : **Answered**
Chosen Option : **3**

Q.91 The word ORANGE has been coded using 4 different codes.

Code 1: PSBOHF

Code 2: NQZMFD

Code 3: QTCPIG

Code 4: PTDRLK

Which of the given codes is used to write the word FISH as GKVL?

Ans
✗ 1. Code 3
✗ 2. Code 1
✓ 3. Code 4
✗ 4. Code 2

Question ID : **9489118379**
Option 1 ID : **94891133515**
Option 2 ID : **94891133513**
Option 3 ID : **94891133516**
Option 4 ID : **94891133514**
Status : **Answered**
Chosen Option : **3**

Q.92 Select the option that correctly represents the following Venn diagram.

Ans

✗ 1. Engineers, Doctors, Graduates

✗ 2. Doctors, Freelancers, Engineers

✓ 3. Engineers, Graduates, Freelancers

✗ 4. Doctors, Surgeon, Nurse

Question ID : **9489118396**
Option 1 ID : **94891133581**
Option 2 ID : **94891133582**
Option 3 ID : **94891133583**
Option 4 ID : **94891133584**
Status : **Answered**
Chosen Option : **3**

Q.93 Which of the given number triads has same relationship between them as does 6, 42, 336?

Ans

✓ 1. 4, 28, 224

✗ 2. 2, 4, 642

✗ 3. 7, 21, 106

✗ 4. 9, 6, 224

Question ID : **9489118388**
Option 1 ID : **94891133551**
Option 2 ID : **94891133552**
Option 3 ID : **94891133550**
Option 4 ID : **94891133549**
Status : **Answered**
Chosen Option : **1**

Q.94 Select the option that will fill in the blank and complete the given series.

37, 52, 72, 97, 127, __

Ans

✗ 1. 172

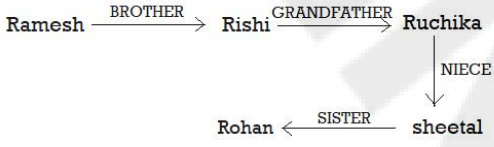
✓ 2. 162

✗ 3. 142

✗ 4. 157

Question ID : **9489118386**
Option 1 ID : **94891133544**
Option 2 ID : **94891133543**
Option 3 ID : **94891133541**
Option 4 ID : **94891133542**
Status : **Answered**
Chosen Option : **2**

Q.95 If 'A→B' means 'A is the mother (or any other relationship) of B', then using the given relationship chart, select the option that correctly depicts the meaning of 'Rohan → Rishi'.



Ans

✓ 1. Rohan is the son of Rishi.

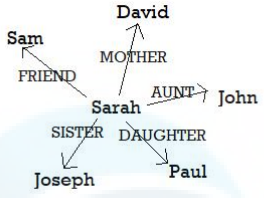
✗ 2. Rishi is the son of Rohan.

✗ 3. Rohan is the grandson of Rishi.

✗ 4. Rohan is the nephew of Rishi.

Question ID : **9489118380**
Option 1 ID : **94891133519**
Option 2 ID : **94891133518**
Option 3 ID : **94891133520**
Option 4 ID : **94891133517**
Status : **Answered**
Chosen Option : **1**

Q.96 Study the given relationship chart and answer the question that follows.



If 'A→B' means 'A is the mother (or any other relationship) of B', then how will John be related to Joseph, when Paul has only two children?

Ans
1. Niece
2. Cousin
3. Father
4. Son ✔

Question ID : **9489118378**
Option 1 ID : **94891133509**
Option 2 ID : **94891133512**
Option 3 ID : **94891133511**
Option 4 ID : **94891133510**
Status : **Answered**
Chosen Option : **4**

Q.97 Out of the four words listed, three are alike in some manner and one is different. Select the odd one

Ans
1. Accident ✔
2. Flood
3. Earthquake
4. Volcano

Question ID : **9489118393**
Option 1 ID : **94891133572**
Option 2 ID : **94891133569**
Option 3 ID : **94891133570**
Option 4 ID : **94891133571**
Status : **Answered**
Chosen Option : **1**

Q.98 In a certain code language, FATHER is written as DYRFCP. How will FAMILY be written as in that language?

Ans
1. DYLHKX
2. DYJFIV
3. DYKGWJ
4. DYKGJW ✔

Question ID : **9489118374**
Option 1 ID : **94891133495**
Option 2 ID : **94891133494**
Option 3 ID : **94891133493**
Option 4 ID : **94891133496**
Status : **Answered**
Chosen Option : **4**

Q.99 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

bbccdc_ddedd_efeeffgffgg_ggh_

Ans

✔ 1. cehh

✘ 2. bdhi

✘ 3. cdhi

✘ 4. begh

Question ID : **9489118385**
Option 1 ID : **94891133538**
Option 2 ID : **94891133539**
Option 3 ID : **94891133537**
Option 4 ID : **94891133540**
Status : **Answered**
Chosen Option : **1**

Q.100 Sudha gave Ruchi, direction to her house from Ruchi's residence. She told Ruchi, "If you cover 30 m towards the east and then after turning towards your left cover another 40 m, you will reach an X point. From there, turn towards your right and cover a distance of 30 m. Then turn to your right to cover 20 m and then again another 20 m to your left. Finally, by turning towards your right cover 20 m. You will find my house." How far and in which direction is Sudha's house from Ruchi's house?

Ans

✔ 1. 80 m towards the east

✘ 2. 80 m towards the north-west

✘ 3. 40 m towards the west

✘ 4. 80 m towards the west

Question ID : **9489118397**
Option 1 ID : **94891133586**
Option 2 ID : **94891133588**
Option 3 ID : **94891133587**
Option 4 ID : **94891133585**
Status : **Answered**
Chosen Option : **1**

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