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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	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 In computer terminology, what is a nibble?

Ans
- ✔ 1. Half a byte
- ✘ 2. A kilobyte
- ✘ 3. A gigabyte
- ✘ 4. A terabyte

Question ID : **9489114536**
Option 1 ID : **94891118144**
Option 2 ID : **94891118142**
Option 3 ID : **94891118141**
Option 4 ID : **94891118143**
Status : **Answered**
Chosen Option : **1**

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Q.2 The technology that provides high internet speed over telephone wiring is called:

Ans
1. ADSL ✔
2. ALSD ✘
3. ASLD ✘
4. ADLS ✘

Question ID : **9489114532**
Option 1 ID : **94891118128**
Option 2 ID : **94891118127**
Option 3 ID : **94891118126**
Option 4 ID : **94891118125**
Status : **Not Answered**
Chosen Option : **--**

Q.3 If $\sin\theta = \frac{5}{13}$, and θ is a positive acute angle, then what is the value of $\frac{\cos\theta - \tan\theta}{2\cot\theta}$?

Ans
1. $\frac{385}{3744}$ ✘
2. $\frac{395}{3744}$ ✔
3. $\frac{375}{3744}$ ✘
4. $\frac{365}{3744}$ ✘

Question ID : **9489113569**
Option 1 ID : **94891114274**
Option 2 ID : **94891114273**
Option 3 ID : **94891114275**
Option 4 ID : **94891114276**
Status : **Answered**
Chosen Option : **2**

Q.4 National Song 'Vande Mataram', written by Bankim Chandra Chattopadhyay, is a part of which of these novels?

Ans
1. Anandmath ✔
2. Devi Chaudharani ✘
3. Kapalkundala ✘
4. Durgeshnandini ✘

Question ID : **9489114505**
Option 1 ID : **94891118017**
Option 2 ID : **94891118020**
Option 3 ID : **94891118018**
Option 4 ID : **94891118019**
Status : **Not Answered**
Chosen Option : **--**

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Q.5 Abyssinia is the old name of which country from the following?

Ans
1. Germany ✗
2. Italy ✗
3. Japan ✗
4. Ethiopia ✓

Question ID : **9489114525**
Option 1 ID : **94891118097**
Option 2 ID : **94891118098**
Option 3 ID : **94891118100**
Option 4 ID : **94891118099**
Status : **Answered**
Chosen Option : **4**

Q.6 The leaked secret investment documents known as 'Panama Papers' belonged to _____.

Ans
1. Suddeutsche Zeitung ✗
2. Mossack Fonseca & Co ✓
3. International Consortium of Investigative Journalists ✗
4. SpaceX ✗

Question ID : **9489114543**
Option 1 ID : **94891118171**
Option 2 ID : **94891118169**
Option 3 ID : **94891118170**
Option 4 ID : **94891118172**
Status : **Not Answered**
Chosen Option : **--**

Q.7 The number of girls in a class is seven times the number of boys. Which of the following numbers CANNOT represent the total number of children in the class?

Ans
1. 8 ✗
2. 52 ✓
3. 72 ✗
4. 48 ✗

Question ID : **9489114803**
Option 1 ID : **94891119212**
Option 2 ID : **94891119211**
Option 3 ID : **94891119210**
Option 4 ID : **94891119209**
Status : **Answered**
Chosen Option : **2**

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Q.8 If the salary of A is 25% more than that of B, then how much per cent is the salary of B lower than that of A?

Ans
1. 35%
2. 30%
3. 20% ✓
4. 25%

Question ID : **9489113556**
Option 1 ID : **94891114224**
Option 2 ID : **94891114223**
Option 3 ID : **94891114221**
Option 4 ID : **94891114222**
Status : **Answered**
Chosen Option : **3**

Q.9 If W is coded as 46 and CAT is coded as 48, then DOG will be coded as:

Ans
1. 60
2. 56
3. 51
4. 52 ✓

Question ID : **9489114775**
Option 1 ID : **94891119100**
Option 2 ID : **94891119099**
Option 3 ID : **94891119097**
Option 4 ID : **94891119098**
Status : **Answered**
Chosen Option : **4**

Q.10 Solve the following:

$(0.\bar{5} + 0.\bar{6} + 0.\bar{7} + 0.\bar{8}) = ?$

Ans
1. $2\frac{4}{9}$
2. $2\frac{5}{9}$
3. $2\frac{7}{9}$
4. $2\frac{8}{9}$ ✓

Question ID : **9489113548**
Option 1 ID : **94891114191**
Option 2 ID : **94891114192**
Option 3 ID : **94891114189**
Option 4 ID : **94891114190**
Status : **Answered**
Chosen Option : **4**

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Q.11 The sum of two numbers is 75 and the difference of their squares is 300. Find the difference between the two numbers.

Ans

1. ✔ 4
2. ✘ 3
3. ✘ 5
4. ✘ 6

Question ID : **9489113544**
Option 1 ID : **94891114174**
Option 2 ID : **94891114173**
Option 3 ID : **94891114175**
Option 4 ID : **94891114176**
Status : **Answered**
Chosen Option : **1**

Q.12 Gunjan and Sophia play badminton and football. Sonu and Ravi play cricket and volleyball. Sophia and Monika play hockey and cricket. Which game is played by maximum number of people?

Ans

1. ✘ Football
2. ✔ Cricket
3. ✘ Volleyball
4. ✘ Badminton

Question ID : **9489114781**
Option 1 ID : **94891119121**
Option 2 ID : **94891119123**
Option 3 ID : **94891119122**
Option 4 ID : **94891119124**
Status : **Answered**
Chosen Option : **2**

Q.13 A and B together can dig a tank in 12 days, which A alone can dig in 24 days. How much of the tank can B dig in 1 day?

Ans

1. ✘ $\frac{1}{4}$
2. ✘ $\frac{1}{12}$
3. ✘ $\frac{1}{36}$
4. ✔ $\frac{1}{24}$

Question ID : **9489113561**
Option 1 ID : **94891114244**
Option 2 ID : **94891114241**
Option 3 ID : **94891114242**
Option 4 ID : **94891114243**
Status : **Answered**
Chosen Option : **4**

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Q.14 CSIR stands for:

Ans
1. Committee of Science and Iron Research
2. Council of Scientific and Industrial Research
3. Council of Scientific and Indian Research
4. Council of Space and Invention Research

Question ID : **9489114531**
Option 1 ID : **94891118124**
Option 2 ID : **94891118123**
Option 3 ID : **94891118121**
Option 4 ID : **94891118122**
Status : **Answered**
Chosen Option : **4**

Q.15 How many articles are there in the Constitution of India as of October 2020?

Ans
1. 448
2. 395
3. 398
4. 495

Question ID : **9489114527**
Option 1 ID : **94891118106**
Option 2 ID : **94891118105**
Option 3 ID : **94891118107**
Option 4 ID : **94891118108**
Status : **Answered**
Chosen Option : **3**

Q.16 If $\tan 3\theta . \tan 6\theta = 1$, then the value of $\tan 30\theta$ is:

Ans
1. $3\sqrt{3}$
2. $-\sqrt{3}$
3. $-\frac{1}{\sqrt{3}}$
4. 0

Question ID : **9489113572**
Option 1 ID : **94891114286**
Option 2 ID : **94891114287**
Option 3 ID : **94891114285**
Option 4 ID : **94891114288**
Status : **Answered**
Chosen Option : **3**

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Q.17 Find the smallest number that is exactly divisible by 7, 14, 28, 35 and 42.

Ans
1. 450
2. 430
3. 410
4. 420

Question ID : **9489113551**
Option 1 ID : **94891114201**
Option 2 ID : **94891114202**
Option 3 ID : **94891114204**
Option 4 ID : **94891114203**
Status : **Answered**
Chosen Option : **4**

Q.18 What is the name of famous petroleum site located in Gujarat?

Ans
1. Jaileshwar
2. Mahabaleshwar
3. Ankleshwar
4. Amreshwar

Question ID : **9489114522**
Option 1 ID : **94891118085**
Option 2 ID : **94891118086**
Option 3 ID : **94891118088**
Option 4 ID : **94891118087**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Sal and teak are the most important _____ trees.

Ans
1. coniferous
2. pioneer
3. medicinal
4. deciduous

Question ID : **9489114514**
Option 1 ID : **94891118054**
Option 2 ID : **94891118055**
Option 3 ID : **94891118056**
Option 4 ID : **94891118053**
Status : **Not Answered**
Chosen Option : **--**

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Q.20 If $3x = \text{cosec}\,\theta$ and $\frac{3}{x} = \cot\theta$, then the value of $9\left(x^2 - \frac{1}{x^2}\right)$ is

Ans
1. 1 ✔
2. $\frac{1}{3}$ ✘
3. 0 ✘
4. $\frac{1}{9}$ ✘

Question ID : **9489113570**
Option 1 ID : **94891114280**
Option 2 ID : **94891114277**
Option 3 ID : **94891114279**
Option 4 ID : **94891114278**
Status : **Answered**
Chosen Option : **4**

Q.21 In the Unitary States, the _____ government performs all the governmental functions.

Ans
1. Central ✔
2. state ✘
3. international ✘
4. local ✘

Question ID : **9489114529**
Option 1 ID : **94891118116**
Option 2 ID : **94891118115**
Option 3 ID : **94891118113**
Option 4 ID : **94891118114**
Status : **Answered**
Chosen Option : **1**

Q.22 Which of the following is the highest peak of the Nilgiri hills?

Ans
1. Kalsubai ✘
2. Armakonda ✘
3. Anamudi ✘
4. Doddabetta ✔

Question ID : **9489114524**
Option 1 ID : **94891118096**
Option 2 ID : **94891118093**
Option 3 ID : **94891118095**
Option 4 ID : **94891118094**
Status : **Answered**
Chosen Option : **4**

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Q.23 Which one of the following is the 2nd leading petroleum exporter in the world during 2019?

Ans
1. Venezuela ✗
2. Norway ✗
3. U.A.E ✗
4. Russia ✓

Question ID : **9489114523**
Option 1 ID : **94891118092**
Option 2 ID : **94891118091**
Option 3 ID : **94891118090**
Option 4 ID : **94891118089**
Status : **Answered**
Chosen Option : **3**

Q.24 What is the mineral name of rock salt?

Ans
1. Limonite ✗
2. Hematite ✗
3. Halite ✓
4. Siderite ✗

Question ID : **9489114513**
Option 1 ID : **94891118050**
Option 2 ID : **94891118049**
Option 3 ID : **94891118051**
Option 4 ID : **94891118052**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Phad, an art form of Rajasthan, is a _____ form of painting.

Ans
1. musical ✗
2. tribal ✗
3. religious ✓
4. sensual ✗

Question ID : **9489114507**
Option 1 ID : **94891118027**
Option 2 ID : **94891118028**
Option 3 ID : **94891118025**
Option 4 ID : **94891118026**
Status : **Not Answered**
Chosen Option : **--**

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Q.26 Trojan Horse is a form of:

Ans
1. Virus attack ✔
2. Melissa worm ✘
3. Slammer worm ✘
4. Service attack ✘

Question ID : **9489114538**
Option 1 ID : **94891118152**
Option 2 ID : **94891118149**
Option 3 ID : **94891118150**
Option 4 ID : **94891118151**
Status : **Answered**
Chosen Option : **4**

Q.27 Among the given word-pairs, three are alike in some manner and one is different. Select the odd one.

Ans
1. Insect : Larva ✘
2. Lion : Cub ✘
3. Dog : Bark ✔
4. Cow : Calf ✘

Question ID : **9489114795**
Option 1 ID : **94891119177**
Option 2 ID : **94891119178**
Option 3 ID : **94891119179**
Option 4 ID : **94891119180**
Status : **Answered**
Chosen Option : **3**

Q.28 Which of the following musical instruments is not Indo-Islamic in origin?

Ans
1. Veena ✔
2. Sitar ✘
3. Tabla ✘
4. Rabab ✘

Question ID : **9489114509**
Option 1 ID : **94891118036**
Option 2 ID : **94891118033**
Option 3 ID : **94891118034**
Option 4 ID : **94891118035**
Status : **Answered**
Chosen Option : **1**

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Q.29 What is the full form of the abbreviation UPU which is related with United Nations?

Ans
1. Universal Plane Union
2. Universal Paid Union
3. Universal Private Union
4. Universal Postal Union

Question ID : **9489114533**
Option 1 ID : **94891118130**
Option 2 ID : **94891118132**
Option 3 ID : **94891118131**
Option 4 ID : **94891118129**
Status : **Answered**
Chosen Option : **4**

Q.30 Pulling of the earth gravitationally in the same direction by the sun and the moon causes:

Ans
1. Spring tides
2. High tides
3. Neap tides
4. Low tides

Question ID : **9489114526**
Option 1 ID : **94891118103**
Option 2 ID : **94891118101**
Option 3 ID : **94891118104**
Option 4 ID : **94891118102**
Status : **Not Answered**
Chosen Option : **--**

Q.31 The ratio of the radii of two circles is 1 : 4. The ratio of their areas is:

Ans
1. 1 : 8
2. 1 : 32
3. 1 : 24
4. 1 : 16

Question ID : **9489113564**
Option 1 ID : **94891114253**
Option 2 ID : **94891114255**
Option 3 ID : **94891114256**
Option 4 ID : **94891114254**
Status : **Answered**
Chosen Option : **4**

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Q.32 Select the option that is related to the third term in the same way as the second term is related to the first term.

RAW : WAR :: STAR : ?

Ans
1. START
2. MOON
3. ARTS
4. RATS ✔

Question ID : **9489114776**
Option 1 ID : **94891119104**
Option 2 ID : **94891119101**
Option 3 ID : **94891119102**
Option 4 ID : **94891119103**
Status : **Answered**
Chosen Option : **4**

Q.33 Fill in the blank, _____% of 50 = 40.

Ans
1. 60
2. 80 ✔
3. 70
4. 90

Question ID : **9489113554**
Option 1 ID : **94891114213**
Option 2 ID : **94891114215**
Option 3 ID : **94891114214**
Option 4 ID : **94891114216**
Status : **Answered**
Chosen Option : **2**

Q.34 The four essential requirements for photosynthesis include:

Ans
1. Chemicals, carbohydrates, water and chlorophyll
2. Parasites, food, chlorophyll and oxygen
3. Carbon dioxide, minerals, chlorophyll and sunlight
4. Chlorophyll, sunlight, carbon dioxide and water ✔

Question ID : **9489114511**
Option 1 ID : **94891118044**
Option 2 ID : **94891118042**
Option 3 ID : **94891118041**
Option 4 ID : **94891118043**
Status : **Answered**
Chosen Option : **4**

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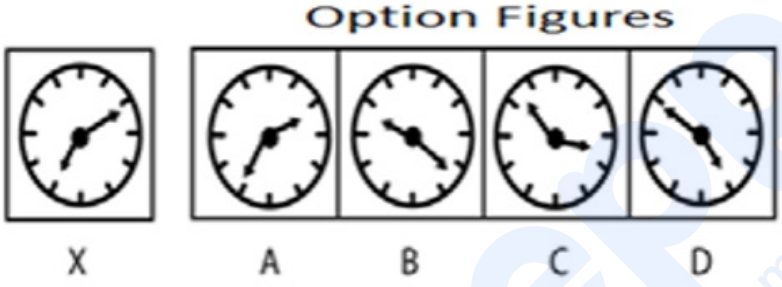
Q.35 Parenchyma and collenchyma are the types of _____ tissues.

Ans
1. nervous
2. mechanical
3. simple permanent
4. vascular

Question ID : **9489114512**
Option 1 ID : **94891118045**
Option 2 ID : **94891118048**
Option 3 ID : **94891118047**
Option 4 ID : **94891118046**
Status : **Answered**
Chosen Option : **4**

Q.36 Select the mirror image of Figure X from the given Option Figures.



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

Question ID : **9489114801**
Option 1 ID : **94891119203**
Option 2 ID : **94891119204**
Option 3 ID : **94891119201**
Option 4 ID : **94891119202**
Status : **Answered**
Chosen Option : **2**

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Q.37 Which is the tallest Victory tower in India?

Ans
1. Qutub Minar ✗
2. Fateh Burj ✓
3. Jhulta Minar ✗
4. Vijay Stambh ✗

Question ID : **9489114508**
Option 1 ID : **94891118031**
Option 2 ID : **94891118029**
Option 3 ID : **94891118032**
Option 4 ID : **94891118030**
Status : **Not Answered**
Chosen Option : **--**

Q.38 Find the place value of 7 in 71,624.

Ans
1. 70,000 ✓
2. 700 ✗
3. 7,000 ✗
4. 7 ✗

Question ID : **9489113545**
Option 1 ID : **94891114179**
Option 2 ID : **94891114178**
Option 3 ID : **94891114180**
Option 4 ID : **94891114177**
Status : **Answered**
Chosen Option : **1**

Q.39 A/An _____ is an interface between the user and hardware.

Ans
1. memory ✗
2. command ✗
3. screen ✗
4. operating system ✓

Question ID : **9489114542**
Option 1 ID : **94891118165**
Option 2 ID : **94891118168**
Option 3 ID : **94891118166**
Option 4 ID : **94891118167**
Status : **Answered**
Chosen Option : **4**

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Q.40 Which type of paintings are found on the walls of Thiruvarur and Ajantha temples?

Ans
1. Rajasthani
2. Madhubani
3. Mughal
4. Mural

Question ID : **9489114510**
Option 1 ID : **94891118038**
Option 2 ID : **94891118040**
Option 3 ID : **94891118039**
Option 4 ID : **94891118037**
Status : **Answered**
Chosen Option : **2**

Q.41 A boy bought some toffee at the rate of 15 toffees for ₹3 and sold all of them at the rate of 3 toffee for ₹2. Find the gain or loss.

Ans
1. $233\frac{1}{3}$ % loss
2. $233\frac{1}{3}$ % gain
3. $233\frac{2}{3}$ % loss
4. $233\frac{2}{3}$ % gain

Question ID : **9489113560**
Option 1 ID : **94891114240**
Option 2 ID : **94891114237**
Option 3 ID : **94891114239**
Option 4 ID : **94891114238**
Status : **Answered**
Chosen Option : **2**

Q.42 Which country will be hosting the 2022 FIFA world cup?

Ans
1. Spain
2. Australia
3. Argentina
4. Qatar

Question ID : **9489114504**
Option 1 ID : **94891118016**
Option 2 ID : **94891118014**
Option 3 ID : **94891118013**
Option 4 ID : **94891118015**
Status : **Answered**
Chosen Option : **4**

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Q.43 X and Y can complete a piece of work in 16 days, Y and Z can do the same piece of work in 24 days. X, Y and Z together can do it in 12 days. How much time will X and Z take to finish it?

Ans
1. 10 days
2. 16 days
3. 12 days
4. 14 days

Question ID : **9489113563**
Option 1 ID : **94891114252**
Option 2 ID : **94891114249**
Option 3 ID : **94891114251**
Option 4 ID : **94891114250**
Status : **Answered**
Chosen Option : **2**

Q.44 The angles of a quadrilateral are in the ratios 2 : 4 : 6 : 8. The smallest of these angles is:

Ans
1. 60°
2. 22°
3. 72°
4. 36°

Question ID : **9489113568**
Option 1 ID : **94891114271**
Option 2 ID : **94891114270**
Option 3 ID : **94891114272**
Option 4 ID : **94891114269**
Status : **Answered**
Chosen Option : **4**

Q.45 Sophia and Rohan play badminton and football. Dinesh and Rahul play cricket and volleyball. Rohan and Naveen play hockey and cricket. Who does NOT play cricket?

Ans
1. Naveen
2. Sophia
3. Dinesh
4. Rohan

Question ID : **9489114800**
Option 1 ID : **94891119198**
Option 2 ID : **94891119200**
Option 3 ID : **94891119197**
Option 4 ID : **94891119199**
Status : **Answered**
Chosen Option : **2**

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Q.46 If $\frac{x}{5} = \frac{y}{6} = \frac{z}{11}$, then $\frac{x+y+z}{z}$ is equal to:

Ans
1. 5 ✗
2. 3 ✗
3. 2 ✓
4. 4 ✗

Question ID : **9489113550**
Option 1 ID : **94891114200**
Option 2 ID : **94891114198**
Option 3 ID : **94891114197**
Option 4 ID : **94891114199**
Status : **Answered**
Chosen Option : **3**

Q.47 Which Queen of Ahmednagar fought against Emperor Akbar?

Ans
1. Razia Sultan ✗
2. Durgavati ✗
3. Roopmati ✗
4. Chand Bibi ✓

Question ID : **9489114521**
Option 1 ID : **94891118082**
Option 2 ID : **94891118081**
Option 3 ID : **94891118083**
Option 4 ID : **94891118084**
Status : **Not Answered**
Chosen Option : **--**

Q.48 At what rate per cent of simple interest does a sum of money double itself in 12 years?

Ans
1. $8\frac{2}{3}\%$ ✗
2. $9\frac{2}{3}\%$ ✗
3. $8\frac{1}{3}\%$ ✓
4. $9\frac{1}{3}\%$ ✗

Question ID : **9489113558**
Option 1 ID : **94891114230**
Option 2 ID : **94891114232**
Option 3 ID : **94891114229**
Option 4 ID : **94891114231**
Status : **Answered**
Chosen Option : **3**

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Q.49 Which of these is not the member of UN Security Council as of October 2020?

Ans
1. Russia ✗
2. Malaysia ✓
3. United Kingdom ✗
4. France ✗

Question ID : **9489114534**
Option 1 ID : **94891118133**
Option 2 ID : **94891118135**
Option 3 ID : **94891118136**
Option 4 ID : **94891118134**
Status : **Not Answered**
Chosen Option : **--**

Q.50 Two numbers are in the ratio of 2 : 3 and the product of their LCM and HCF is 9600. The sum of the numbers is:

Ans
1. 250 ✗
2. 150 ✗
3. 200 ✓
4. 100 ✗

Question ID : **9489113553**
Option 1 ID : **94891114212**
Option 2 ID : **94891114210**
Option 3 ID : **94891114211**
Option 4 ID : **94891114209**
Status : **Answered**
Chosen Option : **3**

Q.51 In the year 1937, the Congress session was held for the first time in a village at:

Ans
1. Gaya ✗
2. Gorakhpur ✗
3. Faizpur ✓
4. Champaran ✗

Question ID : **9489114520**
Option 1 ID : **94891118077**
Option 2 ID : **94891118080**
Option 3 ID : **94891118079**
Option 4 ID : **94891118078**
Status : **Not Answered**
Chosen Option : **--**

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Q.52 The value of $3 + 12 + 27 + \cdots \ldots\ldots\ldots\ldots\ldots\ldots + 3n^2$ is:

Ans

✔ 1. $\frac{n(n+1)(2n+1)}{2}$

✘ 2. $\frac{n(n+1)(2n+1)}{6}$

✘ 3. $\frac{n(n+1)}{2}$

✘ 4. $\frac{n(n+1)(2n+1)}{3}$

Question ID : **9489113566**
Option 1 ID : **94891114262**
Option 2 ID : **94891114264**
Option 3 ID : **94891114263**
Option 4 ID : **94891114261**
Status : **Answered**
Chosen Option : **1**

Q.53 What was India's first supercomputer called?

Ans

✘ 1. ENIAC

✘ 2. SAGA 220

✔ 3. PARAM 8000

✘ 4. PARAM 6000

Question ID : **9489114537**
Option 1 ID : **94891118148**
Option 2 ID : **94891118145**
Option 3 ID : **94891118147**
Option 4 ID : **94891118146**
Status : **Answered**
Chosen Option : **4**

Q.54 The product of two co-prime numbers is 119. Their LCM should be:

Ans

✔ 1. 119

✘ 2. 1

✘ 3. 7

✘ 4. 17

Question ID : **9489113547**
Option 1 ID : **94891114185**
Option 2 ID : **94891114186**
Option 3 ID : **94891114188**
Option 4 ID : **94891114187**
Status : **Answered**
Chosen Option : **1**

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Q.55 Which of the four options provided below will be the closest to the area of an equilateral triangle, each of whose sides is 10 m long?

Ans
1. $42.25\ m^2$ ✗
2. $45.25\ m^2$ ✗
3. $43.25\ m^2$ ✓
4. $44.25\ m^2$ ✗

Question ID : **9489113565**
Option 1 ID : **94891114257**
Option 2 ID : **94891114260**
Option 3 ID : **94891114258**
Option 4 ID : **94891114259**
Status : **Answered**
Chosen Option : **3**

Q.56 SAGA-220 was developed by Indian Space Research Organization. What is SAGA-220?

Ans
1. Super Computer ✓
2. Missile ✗
3. Satellite ✗
4. Pacemaker ✗

Question ID : **9489114539**
Option 1 ID : **94891118154**
Option 2 ID : **94891118153**
Option 3 ID : **94891118155**
Option 4 ID : **94891118156**
Status : **Answered**
Chosen Option : **3**

Q.57 The product of $\left(1-\frac{1}{x+1}\right)\left(1-\frac{1}{x+2}\right)\left(1-\frac{1}{x+3}\right)\ldots\ldots\ldots\ldots\left(1-\frac{1}{2x}\right)$ is:

Ans
1. $\left(\frac{x-1}{2x}\right)$ ✗
2. $\frac{1}{2}$ ✓
3. $\left(\frac{2x+1}{2x}\right)$ ✗
4. $\frac{3}{2}$ ✗

Question ID : **9489113567**
Option 1 ID : **94891114265**
Option 2 ID : **94891114267**
Option 3 ID : **94891114266**
Option 4 ID : **94891114268**
Status : **Answered**
Chosen Option : **2**

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Q.58 Kesavananda Bharti Case in 1973 stemmed the question that the Preamble can _____.

Ans
1. be amended ✔
2. not be amended ✘
3. be changed completely ✘
4. be separated into sections ✘

Question ID : **9489114528**
Option 1 ID : **94891118109**
Option 2 ID : **94891118110**
Option 3 ID : **94891118111**
Option 4 ID : **94891118112**
Status : **Answered**
Chosen Option : **1**

Q.59 Find the missing number to complete the given analogy.

2 : 7 :: 11 : ? :: 23 : 37

Ans
1. 19 ✔
2. 17 ✘
3. 21 ✘
4. 15 ✘

Question ID : **9489114779**
Option 1 ID : **94891119115**
Option 2 ID : **94891119114**
Option 3 ID : **94891119116**
Option 4 ID : **94891119113**
Status : **Not Answered**
Chosen Option : **--**

Q.60 There are 3 pieces of wooden logs which are 48 m, 56 m and 72 m long. What is the greatest possible length by which these can be completely measured?

Ans
1. 9 m ✘
2. 7 m ✘
3. 11 m ✘
4. 8 m ✔

Question ID : **9489113549**
Option 1 ID : **94891114195**
Option 2 ID : **94891114193**
Option 3 ID : **94891114196**
Option 4 ID : **94891114194**
Status : **Answered**
Chosen Option : **4**

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Q.61 A species that cannot be found after a prolonged search in its area of habitation is said to be _____ species.

Ans

1. vulnerable ✗
2. extinct ✓
3. rare ✗
4. endangered ✗

Question ID : **9489114515**
Option 1 ID : **94891118058**
Option 2 ID : **94891118060**
Option 3 ID : **94891118059**
Option 4 ID : **94891118057**
Status : **Answered**
Chosen Option : **2**

Q.62 The sum of the four consecutive even numbers is 484. What would the smallest number be?

Ans

1. 118 ✓
2. 128 ✗
3. 114 ✗
4. 242 ✗

Question ID : **9489113552**
Option 1 ID : **94891114205**
Option 2 ID : **94891114206**
Option 3 ID : **94891114207**
Option 4 ID : **94891114208**
Status : **Answered**
Chosen Option : **1**

Q.63 If Sachin secures 70% marks in mathematics and 60% in science, what percentage of marks did Sachin get in both subjects together, assuming both subjects to have equal maximum marks?

Ans

1. 60% ✗
2. 65% ✓
3. 55% ✗
4. 70% ✗

Question ID : **9489113555**
Option 1 ID : **94891114218**
Option 2 ID : **94891114219**
Option 3 ID : **94891114217**
Option 4 ID : **94891114220**
Status : **Answered**
Chosen Option : **2**

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Q.64 Tatya Tope was one of the leaders who participated in the Indian rebellion of:

Ans
1. 1857 ✔
2. 1890 ✘
3. 1902 ✘
4. 1859 ✘

Question ID : **9489114518**
Option 1 ID : **94891118069**
Option 2 ID : **94891118071**
Option 3 ID : **94891118072**
Option 4 ID : **94891118070**
Status : **Not Answered**
Chosen Option : **--**

Q.65 Which of the following is the famous festival game of Kerala?

Ans
1. Swimming ✘
2. Boat race ✔
3. Jujutsu ✘
4. Weightlifting ✘

Question ID : **9489114506**
Option 1 ID : **94891118021**
Option 2 ID : **94891118022**
Option 3 ID : **94891118023**
Option 4 ID : **94891118024**
Status : **Answered**
Chosen Option : **2**

Q.66 Select the letter-cluster that does NOT belong to the given series.

CDE, FGH, IJK, LNM

Ans
1. CDE ✘
2. FGH ✘
3. LNM ✔
4. IJK ✘

Question ID : **9489114793**
Option 1 ID : **94891119171**
Option 2 ID : **94891119170**
Option 3 ID : **94891119172**
Option 4 ID : **94891119169**
Status : **Answered**
Chosen Option : **3**

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Q.67 The population of a town increases 10% annually. If it's present population is 6,400, what will the population in 2 years be?

Ans
1. 7,746 ✗
2. 7,744 ✓
3. 7,742 ✗
4. 7,740 ✗

Question ID : **9489113559**
Option 1 ID : **94891114236**
Option 2 ID : **94891114235**
Option 3 ID : **94891114234**
Option 4 ID : **94891114233**
Status : **Answered**
Chosen Option : **2**

Q.68 By selling a vehicle for ₹52,500, Ram suffers a 25% loss. What was his loss?

Ans
1. ₹16,500 ✗
2. ₹17,000 ✗
3. ₹17,500 ✓
4. ₹18,000 ✗

Question ID : **9489113557**
Option 1 ID : **94891114225**
Option 2 ID : **94891114226**
Option 3 ID : **94891114227**
Option 4 ID : **94891114228**
Status : **Answered**
Chosen Option : **3**

Q.69 Find the difference of the face values of 9 and 3 in 3,15,298.

Ans
1. 6 ✓
2. 2,99,910 ✗
3. 27 ✗
4. 3,00,090 ✗

Question ID : **9489113546**
Option 1 ID : **94891114182**
Option 2 ID : **94891114184**
Option 3 ID : **94891114181**
Option 4 ID : **94891114183**
Status : **Answered**
Chosen Option : **1**

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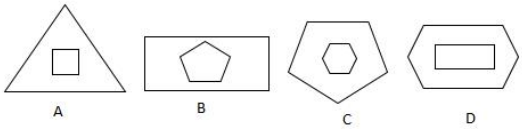
Q.70 Among the four figures listed, three of them follow a common rule and one does not. Select the odd one.



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

Question ID : **9489114799**
Option 1 ID : **94891119195**
Option 2 ID : **94891119193**
Option 3 ID : **94891119194**
Option 4 ID : **94891119196**
Status : **Answered**
Chosen Option : **2**

Q.71 A is twice as efficient as B and together, they finish a piece of work in 20 days. A alone can finish the work in:

Ans
1. 26 days
2. 30 days
3. 28 days
4. 20 days

Question ID : **9489113562**
Option 1 ID : **94891114246**
Option 2 ID : **94891114247**
Option 3 ID : **94891114248**
Option 4 ID : **94891114245**
Status : **Answered**
Chosen Option : **2**

Q.72 If $2 \sin (3x - 3)° = \tan 240°$, then the value of x in degree is:

Ans
1. 21°
2. 25°
3. 27°
4. 23°

Question ID : **9489113573**
Option 1 ID : **94891114289**
Option 2 ID : **94891114291**
Option 3 ID : **94891114292**
Option 4 ID : **94891114290**
Status : **Answered**
Chosen Option : **1**

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Q.73 Identify the number from among the given options that DOES NOT belong to the following series.

17, 23, 30, 38, 46, 57

Ans
1. 30
2. 46
3. 57
4. 23

Question ID : **9489114783**
Option 1 ID : **94891119131**
Option 2 ID : **94891119129**
Option 3 ID : **94891119130**
Option 4 ID : **94891119132**
Status : **Answered**
Chosen Option : **2**

Q.74 The international airport of which Indian city is named after Dr. B. R. Ambedkar?

Ans
1. Ranchi
2. Pune
3. Hyderabad
4. Nagpur

Question ID : **9489114540**
Option 1 ID : **94891118160**
Option 2 ID : **94891118157**
Option 3 ID : **94891118158**
Option 4 ID : **94891118159**
Status : **Not Answered**
Chosen Option : **--**

Q.75 During the Quit India Movement, Aruna Asaf Ali hoisted the National Congress Flag in:

Ans
1. New Delhi
2. Calcutta (now Kolkata)
3. Goa
4. Bombay (now Mumbai)

Question ID : **9489114519**
Option 1 ID : **94891118074**
Option 2 ID : **94891118076**
Option 3 ID : **94891118075**
Option 4 ID : **94891118073**
Status : **Not Answered**
Chosen Option : **--**

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Q.76 Which Five year plan in India was based on P.C.Mahalanobis Model?

Ans
1. 3^{rd} Five Year Plan
2. 2^{nd} Five Year Plan
3. 4^{th} Five Year Plan
4. 1^{st} Five Year Plan

Question ID : **9489114541**
Option 1 ID : **94891118162**
Option 2 ID : **94891118163**
Option 3 ID : **94891118164**
Option 4 ID : **94891118161**
Status : **Not Answered**
Chosen Option : **--**

Q.77 Which of the following is NOT an environmental concern?

Ans
1. Global warming
2. Increasing consumption and use of plastics
3. Growing pollution levels
4. Raising ozone layer

Question ID : **9489114535**
Option 1 ID : **94891118138**
Option 2 ID : **94891118140**
Option 3 ID : **94891118139**
Option 4 ID : **94891118137**
Status : **Answered**
Chosen Option : **4**

Q.78 The three numbers given below are alike in some manner. Identify the number from among the given options, that belongs to this group:

94, 61, 83

Ans
1. 96
2. 72
3. 87
4. 75

Question ID : **9489114784**
Option 1 ID : **94891119133**
Option 2 ID : **94891119136**
Option 3 ID : **94891119135**
Option 4 ID : **94891119134**
Status : **Answered**
Chosen Option : **2**

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Q.79 When was Goa captured by the Portuguese?

Ans
1. 1485 AD
2. 1590 AD
3. 1605 AD
4. 1510 AD

Question ID : **9489114517**
Option 1 ID : **94891118065**
Option 2 ID : **94891118066**
Option 3 ID : **94891118068**
Option 4 ID : **94891118067**
Status : **Not Answered**
Chosen Option : **--**

Q.80 If $\cos\theta + \sec\theta = 2$, then the value of $\sin^6\theta + \text{Cos}^6\theta$ is:

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

Question ID : **9489113571**
Option 1 ID : **94891114282**
Option 2 ID : **94891114284**
Option 3 ID : **94891114281**
Option 4 ID : **94891114283**
Status : **Answered**
Chosen Option : **3**

Q.81 When respiration takes place even in the absence of oxygen, it is called _____ respiration.

Ans
1. anaerobic
2. aerobic
3. contracted
4. circulatory

Question ID : **9489114516**
Option 1 ID : **94891118062**
Option 2 ID : **94891118061**
Option 3 ID : **94891118064**
Option 4 ID : **94891118063**
Status : **Answered**
Chosen Option : **1**

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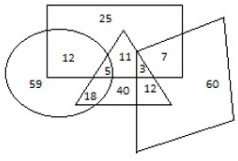
Q.82 India's space programme was started by:

Ans
1. Vijay Sarabhai
2. Rahul Kumar
3. Vikram Sarabhai
4. Vivek Sarabhai

Question ID : **9489114530**
Option 1 ID : **94891118118**
Option 2 ID : **94891118120**
Option 3 ID : **94891118117**
Option 4 ID : **94891118119**
Status : **Answered**
Chosen Option : **3**

Q.83 In the given figure, the rectangle shows the number of students in 10th grade of a school. The parallelogram shows the number of girls in the school. The triangle shows the number of tennis playing students and the circle shows the number of boys playing cricket in the school.



How many total students are there in 10th grade and how many of them play both cricket and tennis?

Ans
1. 63, 23
2. 63, 5
3. 59, 5
4. 59, 19

Question ID : **9489114798**
Option 1 ID : **94891119189**
Option 2 ID : **94891119190**
Option 3 ID : **94891119192**
Option 4 ID : **94891119191**
Status : **Answered**
Chosen Option : **2**

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Q.84 Four numbers have been given, out of which three are alike in some manner and one is different. Select the number that is different from the rest.

Ans
1. 9637
2. 5459
3. 4174
4. 2126

Question ID : **9489114788**
Option 1 ID : **94891119149**
Option 2 ID : **94891119151**
Option 3 ID : **94891119152**
Option 4 ID : **94891119150**
Status : **Answered**
Chosen Option : **3**

Q.85 If CALM is coded as XZON, then LOVE will be coded as:

Ans
1. MNOS
2. CBPD
3. OLEV
4. PFMN

Question ID : **9489114777**
Option 1 ID : **94891119107**
Option 2 ID : **94891119105**
Option 3 ID : **94891119106**
Option 4 ID : **94891119108**
Status : **Answered**
Chosen Option : **3**

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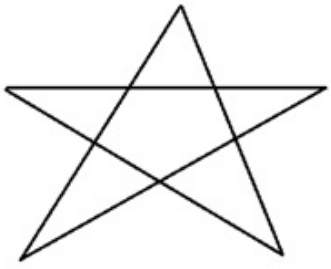
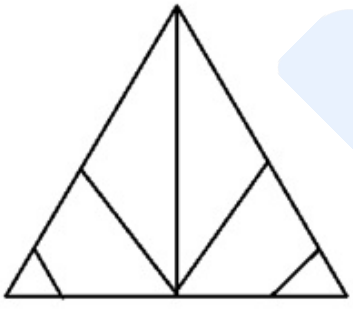
Q.86 Find the number of the triangles in the given figure.



Ans
1. 10 ✔
2. 8 ✘
3. 5 ✘
4. 6 ✘

Question ID : **9489114789**
Option 1 ID : **94891119153**
Option 2 ID : **94891119155**
Option 3 ID : **94891119154**
Option 4 ID : **94891119156**
Status : **Answered**
Chosen Option : **1**

Q.87 How many pentagons are there in the given figure?



Ans
1. 4 ✘
2. 2 ✘
3. 1 ✘
4. 3 ✔

Question ID : **9489114790**
Option 1 ID : **94891119157**
Option 2 ID : **94891119158**
Option 3 ID : **94891119160**
Option 4 ID : **94891119159**
Status : **Answered**
Chosen Option : **3**

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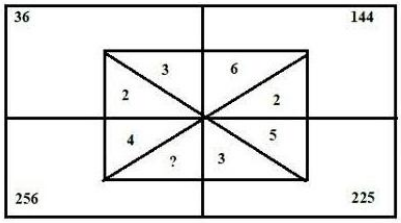
Q.88 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).



Ans

1. 2
2. 6
3. 4
4. 8

Question ID : **9489114791**
Option 1 ID : **94891119164**
Option 2 ID : **94891119161**
Option 3 ID : **94891119162**
Option 4 ID : **94891119163**
Status : **Answered**
Chosen Option : **3**

Q.89 In a certain code language, if #S* means 'table is clean', @ D# means 'Clean and neat' and @ ? means 'neat girl', then what is the code for 'and' in that language?

Ans

1. @
2. D
3. ?
4. #

Question ID : **9489114792**
Option 1 ID : **94891119167**
Option 2 ID : **94891119166**
Option 3 ID : **94891119168**
Option 4 ID : **94891119165**
Status : **Answered**
Chosen Option : **2**

Q.90 Among the four numbers listed, three are alike in some manner and one is different. Select the odd one.

Ans

1. 325
2. 213
3. 639
4. 427

Question ID : **9489114794**
Option 1 ID : **94891119173**
Option 2 ID : **94891119176**
Option 3 ID : **94891119174**
Option 4 ID : **94891119175**
Status : **Answered**
Chosen Option : **4**

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Q.91 If '+' means 'multiplication', '×' means 'plus', '–' means 'division', and '÷' means 'minus', then find the value of

$(18 + 10 \times 20) - 8 \div 6$

Ans

✔ 1. 19

✘ 2. 59

✘ 3. 29

✘ 4. 69

Question ID : **9489114786**
Option 1 ID : **94891119144**
Option 2 ID : **94891119143**
Option 3 ID : **94891119141**
Option 4 ID : **94891119142**
Status : **Answered**
Chosen Option : **1**

Q.92 Select the option that is related to the third term in the same way as the second term is related to the first term.

FEAL : LEAF :: EAKT : ?

Ans

✘ 1. KATE

✘ 2. ETAK

✘ 3. KETA

✔ 4. TAKE

Question ID : **9489114802**
Option 1 ID : **94891119206**
Option 2 ID : **94891119205**
Option 3 ID : **94891119208**
Option 4 ID : **94891119207**
Status : **Answered**
Chosen Option : **4**

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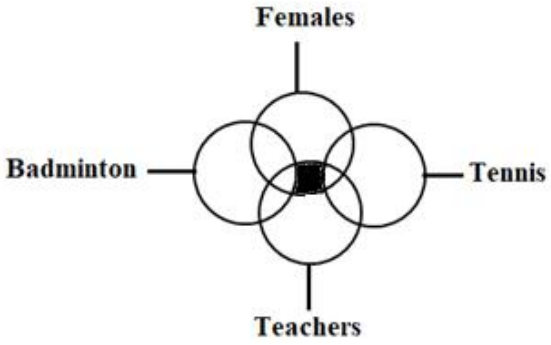
Q.93 In the given figure, what does the shaded portion depict?



Ans
✔ 1. A group of female teachers who neither play badminton nor tennis

✗ 2. A group of teachers who are both tennis and badminton players

✗ 3. A group of female teachers who are badminton players

✗ 4. A group of female teachers who are tennis players but not badminton players

Question ID : **9489114797**
Option 1 ID : **94891119186**
Option 2 ID : **94891119185**
Option 3 ID : **94891119187**
Option 4 ID : **94891119188**
Status : **Answered**
Chosen Option : **1**

Q.94 If BED is coded as 42516, then DIG will be coded as:

Ans
✗ 1. 161894

✗ 2. 1625363

✗ 3. 253681

✔ 4. 168149

Question ID : **9489114780**
Option 1 ID : **94891119119**
Option 2 ID : **94891119120**
Option 3 ID : **94891119117**
Option 4 ID : **94891119118**
Status : **Answered**
Chosen Option : **4**

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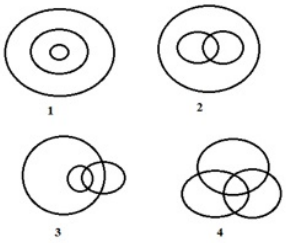
Q.95 Select the Venn diagram that best represents the relationship between the following classes.

Players, Humans, Students



Ans

✗ 1. 1
✓ 2. 2
✗ 3. 4
✗ 4. 3

Question ID : **9489114796**
Option 1 ID : **94891119181**
Option 2 ID : **94891119182**
Option 3 ID : **94891119184**
Option 4 ID : **94891119183**
Status : **Answered**
Chosen Option : **2**

Q.96 Select the option that is related to the third term in the same way as the second term is related to the first term.

Temperature : Heat :: Humidity : ?

Ans

✓ 1. Moisture
✗ 2. Weather
✗ 3. Rain
✗ 4. Night

Question ID : **9489114778**
Option 1 ID : **94891119112**
Option 2 ID : **94891119109**
Option 3 ID : **94891119110**
Option 4 ID : **94891119111**
Status : **Answered**
Chosen Option : **1**

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Q.97 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).

1 + 2 + 3 + 5 = 39

2 + 3 + 4 + 5 = 54

1 + 3 + 4 + 5 = ?

Ans

✔ 1. 51

✘ 2. 50

✘ 3. 55

✘ 4. 56

Question ID : **9489114785**
Option 1 ID : **94891119138**
Option 2 ID : **94891119137**
Option 3 ID : **94891119139**
Option 4 ID : **94891119140**
Status : **Answered**
Chosen Option : **1**

Q.98 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 inferences can definitely be drawn from the statement(s).

Statements:

1. All the students passed the examination.
2. Some of the students are girls.

Ans

✘ 1. Some of the boys failed the examination.

✔ 2. No girl student failed in the examination.

✘ 3. All the girl students failed in the examination.

✘ 4. None of the boys passed the examination.

Question ID : **9489114782**
Option 1 ID : **94891119125**
Option 2 ID : **94891119127**
Option 3 ID : **94891119128**
Option 4 ID : **94891119126**
Status : **Answered**
Chosen Option : **2**

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Q.99 Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.

21 : 2 :: 85 : 40 :: 30 : ?

Ans

✔ 1. 0

✘ 2. 8

✘ 3. 6

✘ 4. 3

Question ID : **9489114774**
Option 1 ID : **94891119095**
Option 2 ID : **94891119094**
Option 3 ID : **94891119093**
Option 4 ID : **94891119096**
Status : **Answered**
Chosen Option : **1**

Q.100 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).

24 $ 34 = 68

31 $ 26 = 67

17 $ 52 = ?

Ans

✘ 1. 58

✔ 2. 59

✘ 3. 15

✘ 4. 16

Question ID : **9489114787**
Option 1 ID : **94891119146**
Option 2 ID : **94891119147**
Option 3 ID : **94891119145**
Option 4 ID : **94891119148**
Status : **Answered**
Chosen Option : **2**

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