रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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

सत्यमेव जयते

Participant ID	
Participant Name	
Test Center Name	
Test Date	29/01/2021
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 Sachin covers a certain distance by car driving at 80 km/h and he returns to the starting point riding on a scooter at 50 km/h. Find his average speed for the whole journey up to 2 decimal places.

Ans

✔ 1. 61.54 km/h

✘ 2. 62.42 km/h

✘ 3. 63.43 km/h

✘ 4. 60.26 km/h

Question ID : **9489113662**
Option 1 ID : **94891114646**
Option 2 ID : **94891114647**
Option 3 ID : **94891114648**
Option 4 ID : **94891114645**
Status : **Answered**
Chosen Option : **1**

Q.2 If $\sin(x-y)=\frac{\sqrt{3}}{2}$ and $\cos(x+y)=\frac{1}{2}$, where x and y are positive acute angles and $x \geq y$, then the value of x is:

Ans

✘ 1. 70°

✔ 2. 60°

✘ 3. 30°

✘ 4. 50°

Question ID : **9489113669**
Option 1 ID : **94891114674**
Option 2 ID : **94891114673**
Option 3 ID : **94891114676**
Option 4 ID : **94891114675**
Status : **Answered**
Chosen Option : **2**

Q.3 What can humans NOT digest?

Ans
1. Cellulose
2. Starch
3. Glycogen
4. Amino Acids

Question ID : **9489114615**
Option 1 ID : **94891118457**
Option 2 ID : **94891118458**
Option 3 ID : **94891118459**
Option 4 ID : **94891118460**
Status : **Answered**
Chosen Option : **1**

Q.4 If the sum of two numbers is 30 and the product is 50, then the sum of their reciprocals is:

Ans

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

Question ID : **9489113666**
Option 1 ID : **94891114663**
Option 2 ID : **94891114661**
Option 3 ID : **94891114664**
Option 4 ID : **94891114662**
Status : **Answered**
Chosen Option : **4**

Q.5 Which Cabinet Mission proposed a constituent assembly to frame the Constitution of India?

Ans

1. The Cabinet Mission Plan 1949
2. The Cabinet Mission Plan 1946
3. The Cabinet Mission Plan 1936
4. The Cabinet Mission Plan 1945

Question ID : **9489114628**
Option 1 ID : **94891118512**
Option 2 ID : **94891118509**
Option 3 ID : **94891118510**
Option 4 ID : **94891118511**
Status : **Answered**
Chosen Option : **2**

Q.6 Select the option that is related to the third term in the same way as the second term is related to the first term.

Football : Field :: Tennis : ?

Ans

✗ 1. Ball

✓ 2. Court

✗ 3. Net

✗ 4. Ring

Question ID : **9489114578**
Option 1 ID : **94891118310**
Option 2 ID : **94891118311**
Option 3 ID : **94891118309**
Option 4 ID : **94891118312**
Status : **Answered**
Chosen Option : **2**

Q.7 Which of the following Article of the Indian constitution defines the Money bill?

Ans

✗ 1. Article 115

✗ 2. Article 109

✗ 3. Article 113

✓ 4. Article 110

Question ID : **9489114643**
Option 1 ID : **94891118569**
Option 2 ID : **94891118572**
Option 3 ID : **94891118571**
Option 4 ID : **94891118570**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Find the compound interest when the principle is ₹6,000 at an interest of 10% per annum for 2 years.

Ans

✗ 1. ₹1,230

✓ 2. ₹1,260

✗ 3. ₹1,240

✗ 4. ₹1,250

Question ID : **9489113658**
Option 1 ID : **94891114629**
Option 2 ID : **94891114632**
Option 3 ID : **94891114630**
Option 4 ID : **94891114631**
Status : **Answered**
Chosen Option : **2**

Q.9 Under which articles of the Constitution of India is the Right to Equality mentioned?

Ans

✗ 1. Article 19-22

✗ 2. Article 25-28

✗ 3. Article 23-24

✓ 4. Article 14-18

Question ID : **9489114627**
Option 1 ID : **94891118507**
Option 2 ID : **94891118505**
Option 3 ID : **94891118506**
Option 4 ID : **94891118508**
Status : **Answered**
Chosen Option : **4**

Q.10 What is the place value of 5 in the number 56789214?

Ans
1. 5×10^5
2. 5×10^6
3. 5×10^7
4. 5×10^4

Question ID : **9489113645**
Option 1 ID : **94891114577**
Option 2 ID : **94891114579**
Option 3 ID : **94891114580**
Option 4 ID : **94891114578**
Status : **Answered**
Chosen Option : **3**

Q.11 Which of the following systems is NOT found in nematodes?

Ans
1. Respiratory system
2. Reproductive system
3. Digestive system
4. Excretory system

Question ID : **9489114616**
Option 1 ID : **94891118464**
Option 2 ID : **94891118463**
Option 3 ID : **94891118461**
Option 4 ID : **94891118462**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Find the greatest number that divides 128, 303 and 247, leaving remainders 4, 7 and 19, respectively.

Ans

✗ 1. 6

✗ 2. 5

✓ 3. 4

✗ 4. 7

Question ID : **9489113652**
Option 1 ID : **94891114607**
Option 2 ID : **94891114606**
Option 3 ID : **94891114605**
Option 4 ID : **94891114608**
Status : **Answered**
Chosen Option : **3**

Q.13 The word 'comet' comes from the ancient _____ word, which means long-haired star.

Ans

✓ 1. Greek

✗ 2. German

✗ 3. Latin

✗ 4. French

Question ID : **9489114623**
Option 1 ID : **94891118490**
Option 2 ID : **94891118492**
Option 3 ID : **94891118489**
Option 4 ID : **94891118491**
Status : **Answered**
Chosen Option : **3**

Q.14 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.

7 : 42 :: 9 : 72 :: 11 : ?

Ans

1. 110 ✔
2. 102 ✘
3. 121 ✘
4. 108 ✘

Question ID : **9489114575**
Option 1 ID : **94891118300**
Option 2 ID : **94891118297**
Option 3 ID : **94891118299**
Option 4 ID : **94891118298**
Status : **Answered**
Chosen Option : **1**

Q.15 Cytoplasm is a jelly-like fluid that is present between:

Ans

1. nucleus and cell membrane ✔
2. nucleus and organelles ✘
3. nerves and cells ✘
4. fats and tissues ✘

Question ID : **9489114612**
Option 1 ID : **94891118448**
Option 2 ID : **94891118447**
Option 3 ID : **94891118445**
Option 4 ID : **94891118446**
Status : **Not Answered**
Chosen Option : **--**

Q.16 The value of $3.1\dot{4}$ is:

Ans

1. $3\frac{13}{90}$
2. $3\frac{12}{90}$
3. $3\frac{11}{90}$
4. $3\frac{14}{90}$

Question ID : **9489113650**
Option 1 ID : **94891114599**
Option 2 ID : **94891114598**
Option 3 ID : **94891114597**
Option 4 ID : **94891114600**
Status : **Answered**
Chosen Option : **4**

Q.17 Which of the following is NOT a spreadsheet program?

Ans
1. Excel
2. Ubuntu
3. VisiCalc
4. Calc

Question ID : **9489114637**
Option 1 ID : **94891118548**
Option 2 ID : **94891118545**
Option 3 ID : **94891118547**
Option 4 ID : **94891118546**
Status : **Not Answered**
Chosen Option : **--**

Q.18 Which of the following is NOT a division of National Sample Survey Organisation?

Ans
1. Field Operation Division
2. National Development Agenda
3. Survey Design and Research Division
4. Data Processing Division

Question ID : **9489114639**
Option 1 ID : **94891118556**
Option 2 ID : **94891118553**
Option 3 ID : **94891118554**
Option 4 ID : **94891118555**
Status : **Not Answered**
Chosen Option : **--**

Q.19 In which year was the Raja Ramanna Centre for Advanced Technology established?

Ans
1. 1989
2. 1961
3. 1981
4. 1984

Question ID : **9489114630**
Option 1 ID : **94891118520**
Option 2 ID : **94891118517**
Option 3 ID : **94891118518**
Option 4 ID : **94891118519**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Who among the following is NOT a recipient of Bharat Ratna 2019?

Ans
1. Rajeshwar Acharya
2. Bhupen Hazarika
3. Nanaji Deshmukh
4. Pranab Mukherjee

Question ID : **9489114607**
Option 1 ID : **94891118427**
Option 2 ID : **94891118426**
Option 3 ID : **94891118428**
Option 4 ID : **94891118425**
Status : **Answered**
Chosen Option : **1**

Q.21 The Indian National Flag (tricolour) was unfurled by Bhikaiji Cama in:

Ans
1. Poland, 1908
2. Germany, 1907
3. Russia, 1910
4. London, 1911

Question ID : **9489114621**
Option 1 ID : **94891118482**
Option 2 ID : **94891118481**
Option 3 ID : **94891118483**
Option 4 ID : **94891118484**
Status : **Not Answered**
Chosen Option : **--**

Q.22 If the LCM of a and b is c, then their HCF is:

Ans

1. $\frac{bc}{a}$
2. $\frac{ac}{b}$
3. $\frac{c}{ab}$
4. $\frac{ab}{c}$

Question ID : **9489113648**
Option 1 ID : **94891114592**
Option 2 ID : **94891114590**
Option 3 ID : **94891114591**
Option 4 ID : **94891114589**
Status : **Answered**
Chosen Option : **4**

Q.23 Identify the number that does NOT belong to the following series.

5, 10, 17, 28, 42, 58, 77

Ans
1. 28
2. 42
3. 17
4. 58

Question ID : **9489114587**
Option 1 ID : **94891118346**
Option 2 ID : **94891118347**
Option 3 ID : **94891118345**
Option 4 ID : **94891118348**
Status : **Answered**
Chosen Option : **2**

Q.24 How will you write 4.17 hours in hours, minutes and seconds?

Ans
1. 4 hours 10 minutes and 7 seconds
2. 4 hours 10 minutes and 12 seconds
3. 4 hours 10 minutes and 20 seconds
4. 4 hours 17 minutes

Question ID : **9489114585**
Option 1 ID : **94891118340**
Option 2 ID : **94891118339**
Option 3 ID : **94891118338**
Option 4 ID : **94891118337**
Status : **Answered**
Chosen Option : **4**

Q.25 Find the gain percentage when the cost price is ₹950 and the selling price is ₹1,140.

Ans
1. 10%
2. 40%
3. 20%
4. 30%

Question ID : **9489113655**
Option 1 ID : **94891114617**
Option 2 ID : **94891114620**
Option 3 ID : **94891114618**
Option 4 ID : **94891114619**
Status : **Answered**
Chosen Option : **3**

Q.26 Four letter-clusters have been listed, out of which three are alike in some manner and one is different. Select the odd one.

Ans
1. ATLER
2. TALER
3. LATER
4. TALEN

Question ID : **9489114603**
Option 1 ID : **94891118411**
Option 2 ID : **94891118412**
Option 3 ID : **94891118410**
Option 4 ID : **94891118409**
Status : **Answered**
Chosen Option : **3**

Q.27 Who was the first winner of the Jnanpith Award?

Ans
✗ 1. Ashapurna Devi
✗ 2. Uma Shankar Joshi
✗ 3. Amrita Pritam
✓ 4. G Sankara Kurup

Question ID : **9489114609**
Option 1 ID : **94891118433**
Option 2 ID : **94891118436**
Option 3 ID : **94891118434**
Option 4 ID : **94891118435**
Status : **Not Answered**
Chosen Option : **--**

Q.28 Which of the following does NOT come under Infrastructure?

Ans
✓ 1. Entertainment
✗ 2. Electricity
✗ 3. Transportation
✗ 4. Sewage

Question ID : **9489114641**
Option 1 ID : **94891118564**
Option 2 ID : **94891118562**
Option 3 ID : **94891118561**
Option 4 ID : **94891118563**
Status : **Answered**
Chosen Option : **1**

Q.29 When 19^{300} is divided by 20, find the remainder.

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

Question ID : **9489113653**
Option 1 ID : **94891114611**
Option 2 ID : **94891114610**
Option 3 ID : **94891114609**
Option 4 ID : **94891114612**
Status : **Answered**
Chosen Option : **3**

Q.30 The minimum value of $4\sin^2\theta + 5\cos^2\theta$ is:

Ans
1. 0
2. 2
3. 1
4. 4

Question ID : **9489113670**
Option 1 ID : **94891114677**
Option 2 ID : **94891114679**
Option 3 ID : **94891114678**
Option 4 ID : **94891114680**
Status : **Answered**
Chosen Option : **4**

Q.31 In Computer terminology, what is the full form of EPROM?

Ans
1. Executable Programme Revise Only Memory
2. Erasable Programmable Read-Only Memory
3. Electronic Programmable Retrieve Only Memory
4. Extended Programme Rewritable Only Memory

Question ID : **9489114638**
Option 1 ID : **94891118551**
Option 2 ID : **94891118550**
Option 3 ID : **94891118552**
Option 4 ID : **94891118549**
Status : **Answered**
Chosen Option : **2**

Q.32 A profit of 20% is earned by selling an article for ₹2,400. If the same article were sold for ₹2,600, then the gain percentage would be:

Ans
1. 35%
2. 25%
3. 30%
4. 20%

Question ID : **9489113657**
Option 1 ID : **94891114628**
Option 2 ID : **94891114626**
Option 3 ID : **94891114627**
Option 4 ID : **94891114625**
Status : **Answered**
Chosen Option : **3**

Q.33 The population of a town increases at the rate of 10% every year. The present population is 1,000. In how many years will the population become 1,331?

Ans

✗ 1. 2

✗ 2. 2.5

✗ 3. 3.5

✓ 4. 3

Question ID : **9489113660**
Option 1 ID : **94891114640**
Option 2 ID : **94891114639**
Option 3 ID : **94891114638**
Option 4 ID : **94891114637**
Status : **Answered**
Chosen Option : **4**

Q.34 The currency of Malaysia is _____.

Ans

✓ 1. Ringgit

✗ 2. Peso

✗ 3. Kwacha

✗ 4. Euro

Question ID : **9489114626**
Option 1 ID : **94891118501**
Option 2 ID : **94891118504**
Option 3 ID : **94891118502**
Option 4 ID : **94891118503**
Status : **Answered**
Chosen Option : **1**

Q.35 If the radius of a circle is reduced by 25%, its area is reduced by:

Ans
1. 56.25%
2. 50%
3. 6.25%
4. 43.75%

Question ID : **9489113665**
Option 1 ID : **94891114660**
Option 2 ID : **94891114657**
Option 3 ID : **94891114659**
Option 4 ID : **94891114658**
Status : **Answered**
Chosen Option : **4**

Q.36 With which of the following tournaments is hockey associated?

Ans
1. Irani Cup
2. Subroto Cup
3. Rangaswamy Cup
4. Davis Cup

Question ID : **9489114605**
Option 1 ID : **94891118418**
Option 2 ID : **94891118419**
Option 3 ID : **94891118420**
Option 4 ID : **94891118417**
Status : **Answered**
Chosen Option : **2**

Q.37 _____ is an experimental satellite that was launched first time by Indian Space Research Organisation (ISRO) in August 1979 from Satish Dhawan Space Centre.

Ans
1. Himawari 8
2. Insat-3DR
3. Rohini
4. Cartostat

Question ID : **9489114631**
Option 1 ID : **94891118522**
Option 2 ID : **94891118524**
Option 3 ID : **94891118521**
Option 4 ID : **94891118523**
Status : **Not Answered**
Chosen Option : **--**

Q.38 50% of 500 = ___ of 2500

Ans
1. 20%
2. 10%
3. 40%
4. 30%

Question ID : **9489113654**
Option 1 ID : **94891114615**
Option 2 ID : **94891114616**
Option 3 ID : **94891114613**
Option 4 ID : **94891114614**
Status : **Answered**
Chosen Option : **2**

Q.39 Who founded the Bahmani kingdom?

Ans
1. Alauddin Bahman Shah (alias Hasan Gangu)
2. Mir Zafar
3. Mohammad bin Tughlaq
4. Firuzshah Bahmani

Question ID : **9489114618**
Option 1 ID : **94891118469**
Option 2 ID : **94891118472**
Option 3 ID : **94891118471**
Option 4 ID : **94891118470**
Status : **Answered**
Chosen Option : **1**

Q.40 Select the number from among the given options that can replace the question mark (?) in the following analogy.

56 : 15 :: 76 : 21 :: 81 : ?

Ans
1. 4
2. 10
3. 36
4. 21

Question ID : **9489114579**
Option 1 ID : **94891118314**
Option 2 ID : **94891118313**
Option 3 ID : **94891118315**
Option 4 ID : **94891118316**
Status : **Answered**
Chosen Option : **1**

Q.41 Which of the following is NOT the cause of a tsunami?

Ans
✔ 1. Soil Erosion
✘ 2. Volcanic Eruptions
✘ 3. Earthquakes
✘ 4. Submarine Landslides

Question ID : **9489114624**
Option 1 ID : **94891118496**
Option 2 ID : **94891118495**
Option 3 ID : **94891118493**
Option 4 ID : **94891118494**
Status : **Answered**
Chosen Option : **1**

Q.42 Ravi is 5 years older than his wife who is 5 times as old as her daughter. Three years ago her daughter's age was 4 years.
What is Ravi's present age?

Ans
✘ 1. 24 years
✔ 2. 40 years
✘ 3. 25 years
✘ 4. 42 years

Question ID : **9489114576**
Option 1 ID : **94891118301**
Option 2 ID : **94891118303**
Option 3 ID : **94891118302**
Option 4 ID : **94891118304**
Status : **Answered**
Chosen Option : **2**

Q.43 BrahMos supersonic missile is a joint venture between _____.

Ans
✔ 1. India and Russia
✘ 2. India and China
✘ 3. India and UK
✘ 4. India and USA

Question ID : **9489114632**
Option 1 ID : **94891118528**
Option 2 ID : **94891118527**
Option 3 ID : **94891118526**
Option 4 ID : **94891118525**
Status : **Answered**
Chosen Option : **1**

Q.44 If the price of tea increases by 20%, by what percentage should a household reduce its consumption of tea so that the budget remains the same?

Ans

✗ 1. $15\frac{2}{3}\%$

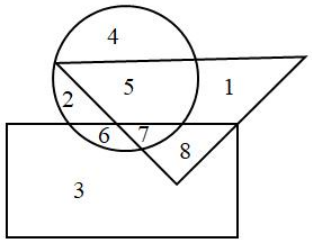
✗ 2. $13\frac{2}{3}\%$

✓ 3. $16\frac{2}{3}\%$

✗ 4. $14\frac{2}{3}\%$

Question ID : **9489113656**
Option 1 ID : **94891114623**
Option 2 ID : **94891114621**
Option 3 ID : **94891114624**
Option 4 ID : **94891114622**
Status : **Answered**
Chosen Option : **3**

Q.45 In the given diagram, the triangle represents teachers, the rectangle represents politicians, and the circle represents social workers. Which number in the diagram represents the teachers who are also social workers but not politicians?



Ans

✔ 1. 5

✘ 2. 7

✘ 3. 2

✘ 4. 6

Question ID : **9489114597**
Option 1 ID : **94891118386**
Option 2 ID : **94891118388**
Option 3 ID : **94891118385**
Option 4 ID : **94891118387**
Status : **Answered**
Chosen Option : **1**

Q.46 World-famous Chhattisgarhi folk singer Teejan Bai is an exponent of what type of folk music?

Ans

✗ 1. Bharud

✗ 2. Lavani

✗ 3. Gondhal

✓ 4. Pandavani

Question ID : **9489114608**
Option 1 ID : **94891118432**
Option 2 ID : **94891118430**
Option 3 ID : **94891118429**
Option 4 ID : **94891118431**
Status : **Not Answered**
Chosen Option : **--**

Q.47 Which of the words among the given options CANNOT be formed using the letters from the following sentence?

Russia is my country.

Ans

✗ 1. Minor

✓ 2. Cloud

✗ 3. Rain

✗ 4. Your

Question ID : **9489114581**
Option 1 ID : **94891118321**
Option 2 ID : **94891118323**
Option 3 ID : **94891118324**
Option 4 ID : **94891118322**
Status : **Answered**
Chosen Option : **2**

Q.48 You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the question.

Question:

Who is the father of M?

Statements:

I - P and Q are brothers.

II - Q's wife is the sister of M's wife.

Ans

✗ 1. Statement I alone is sufficient.

✗ 2. Statement II alone is sufficient.

✓ 3. Statement I and II both are not sufficient.

✗ 4. Statement I and II both are necessary.

Question ID : **9489114582**
Option 1 ID : **94891118327**
Option 2 ID : **94891118328**
Option 3 ID : **94891118325**
Option 4 ID : **94891118326**
Status : **Answered**
Chosen Option : **3**

Q.49 Deen Dayal Upadhyaya Grameen Kaushalya Yojana was launched in _____.

Ans
1. 2014 ✔
2. 2018 ✘
3. 2015 ✘
4. 2017 ✘

Question ID : **9489114642**
Option 1 ID : **94891118565**
Option 2 ID : **94891118568**
Option 3 ID : **94891118566**
Option 4 ID : **94891118567**
Status : **Not Answered**
Chosen Option : **--**

Q.50 In which part of India does the Great Indian Desert lie?

Ans
1. Northern part ✘
2. Southern part ✘
3. Eastern part ✘
4. Western part ✔

Question ID : **9489114622**
Option 1 ID : **94891118486**
Option 2 ID : **94891118488**
Option 3 ID : **94891118485**
Option 4 ID : **94891118487**
Status : **Answered**
Chosen Option : **4**

Q.51 Four celestial bodies have been listed, out of which three are alike in some manner and one is different. Select the odd one.

Ans

✗ 1. Venus

✓ 2. Moon

✗ 3. Jupiter

✗ 4. Mercury

Question ID : **9489114599**
Option 1 ID : **94891118393**
Option 2 ID : **94891118394**
Option 3 ID : **94891118395**
Option 4 ID : **94891118396**
Status : **Answered**
Chosen Option : **2**

Q.52 The Tibetan Plateau is the best example of a/an _____.

Ans

✗ 1. Erosional Plateau

✗ 2. Volcanic Plateau

✗ 3. Doomed Plateau

✓ 4. Intermontane Plateau

Question ID : **9489114625**
Option 1 ID : **94891118497**
Option 2 ID : **94891118499**
Option 3 ID : **94891118500**
Option 4 ID : **94891118498**
Status : **Not Answered**
Chosen Option : **--**

Q.53 Who was the first Indian to join the Indian Civil Service?

Ans
✔ 1. Satyendranath Tagore
✘ 2. Lakshmi Kant Jha
✘ 3. Shyamji Krishna Varma
✘ 4. Haribhai Patel

Question ID : **9489114617**
Option 1 ID : **94891118465**
Option 2 ID : **94891118466**
Option 3 ID : **94891118468**
Option 4 ID : **94891118467**
Status : **Answered**
Chosen Option : **1**

Q.54 Pseudopodia are finger-like extensions on:

Ans
✘ 1. Earthworms
✘ 2. Paramecium
✘ 3. Hydra
✔ 4. Amoeba

Question ID : **9489114613**
Option 1 ID : **94891118452**
Option 2 ID : **94891118449**
Option 3 ID : **94891118451**
Option 4 ID : **94891118450**
Status : **Not Answered**
Chosen Option : **--**

Q.55 Who was the Viceroy of India when Indian National Congress was founded?

Ans
1. Lord Canning
2. Lord Dufferin
3. Lord Lawrence
4. Lord Ripon

Question ID : **9489114619**
Option 1 ID : **94891118475**
Option 2 ID : **94891118474**
Option 3 ID : **94891118473**
Option 4 ID : **94891118476**
Status : **Not Answered**
Chosen Option : **--**

Q.56 Find the value of x in the given equation.

$$\frac{\sqrt{2401}}{x} = \frac{x}{6.25}$$

Ans
1. 17.5
2. 7.5
3. 15.5
4. 27.5

Question ID : **9489113649**
Option 1 ID : **94891114593**
Option 2 ID : **94891114595**
Option 3 ID : **94891114594**
Option 4 ID : **94891114596**
Status : **Answered**
Chosen Option : **1**

Q.57 If 0 stands for the operation "Subtract and double the value", that is a0b = 2(a−b); and Ø stands for "Multiply and halve", that is aØb = ½ ab then, find the value of:

(8Ø6)0(6Ø4)

Ans

✔ 1. 24

✘ 2. 48

✘ 3. 36

✘ 4. 12

Question ID : **9489114588**
Option 1 ID : **94891118350**
Option 2 ID : **94891118352**
Option 3 ID : **94891118351**
Option 4 ID : **94891118349**
Status : **Answered**
Chosen Option : **1**

Q.58 If 'A' stands for '–', 'B' stands for '+', and 'C' stands for '×', then what will be the value of 9C5B10A5C12?

Ans

✔ 1. -5

✘ 2. $+6$

✘ 3. -6

✘ 4. $+5$

Question ID : **9489114594**
Option 1 ID : **94891118374**
Option 2 ID : **94891118376**
Option 3 ID : **94891118375**
Option 4 ID : **94891118373**
Status : **Answered**
Chosen Option : **1**

Q.59 Find the value of $\frac{(3.17 + 9.12)^2 + (3.17 - 9.12)^2}{3.17 \times 3.17 + 9.12 \times 9.12}$.

Ans
✔ 1. 2
✘ 2. 1
✘ 3. 3
✘ 4. 4

Question ID : **9489113651**
Option 1 ID : **94891114603**
Option 2 ID : **94891114604**
Option 3 ID : **94891114602**
Option 4 ID : **94891114601**
Status : **Answered**
Chosen Option : **1**

Q.60 Which of the following mainly causes the depletion of the ozone layer?

Ans
✘ 1. Aviation fuels
✘ 2. Volcanic eruptions
✘ 3. Radioactive rays
✔ 4. Chlorofluorocarbons

Question ID : **9489114634**
Option 1 ID : **94891118534**
Option 2 ID : **94891118535**
Option 3 ID : **94891118533**
Option 4 ID : **94891118536**
Status : **Answered**
Chosen Option : **4**

Q.61 Who was the first female judge of the Supreme Court in India?

Ans
1. M Fathima Beevi
2. R Banumathi
3. Sujatha V Manohar
4. Indira Banerjee

Question ID : **9489114629**
Option 1 ID : **94891118515**
Option 2 ID : **94891118516**
Option 3 ID : **94891118513**
Option 4 ID : **94891118514**
Status : **Answered**
Chosen Option : **1**

Q.62 If $y = \frac{x}{(2+a)^z}$, then z = ?

Ans

1. $\frac{\log_e\left(\frac{y}{x}\right)}{\log_e(2+a)}$

2. $\frac{\log_e(x-y)}{\log_e(2+a)}$

3. $\frac{\log_e\left(\frac{x}{y}\right)}{\log_e(2-a)}$

4. $\frac{\log_e\left(\frac{x}{y}\right)}{\log_e(2+a)}$

Question ID : **9489113667**
Option 1 ID : **94891114666**
Option 2 ID : **94891114667**
Option 3 ID : **94891114665**
Option 4 ID : **94891114668**
Status : **Answered**
Chosen Option : **4**

Q.63 Keyboard, monitor and cabinet are components of:

Ans
1. control unit
2. storage unit
3. computer hardware
4. computer software

Question ID : **9489114636**
Option 1 ID : **94891118542**
Option 2 ID : **94891118544**
Option 3 ID : **94891118543**
Option 4 ID : **94891118541**
Status : **Answered**
Chosen Option : **3**

Q.64 After digestion, protein is converted into:

Ans
1. starch
2. carbohydrates
3. small globules
4. amino acids

Question ID : **9489114614**
Option 1 ID : **94891118455**
Option 2 ID : **94891118456**
Option 3 ID : **94891118453**
Option 4 ID : **94891118454**
Status : **Answered**
Chosen Option : **4**

Q.65 Kyoto Protocol is an international agreement that aims to reduce:

Ans
1. radioactive emissions
2. exhaust emissions
3. greenhouse gas emissions
4. electron emissions

Question ID : **9489114635**
Option 1 ID : **94891118540**
Option 2 ID : **94891118537**
Option 3 ID : **94891118538**
Option 4 ID : **94891118539**
Status : **Answered**
Chosen Option : **3**

Q.66 How many numbers between 1 and 700 are completely divisible by 17?

Ans
1. 46
2. 45
3. 42
4. 41

Question ID : **9489113644**
Option 1 ID : **94891114576**
Option 2 ID : **94891114575**
Option 3 ID : **94891114574**
Option 4 ID : **94891114573**
Status : **Answered**
Chosen Option : **4**

Q.67 The amount of radiation being emitted by a radioactive material is measured using the conventional unit _____.

Ans

✔ 1. curie

✘ 2. pascal

✘ 3. ampere

✘ 4. watt

Question ID : **9489114611**
Option 1 ID : **94891118441**
Option 2 ID : **94891118444**
Option 3 ID : **94891118443**
Option 4 ID : **94891118442**
Status : **Answered**
Chosen Option : **1**

Q.68 Who ignited the spark of freedom that led to the revolt of 1857?

Ans

✘ 1. Bhagat Singh

✔ 2. Mangal Pandey

✘ 3. Subhash Chandra Bose

✘ 4. Jawaharlal Nehru

Question ID : **9489114620**
Option 1 ID : **94891118480**
Option 2 ID : **94891118479**
Option 3 ID : **94891118478**
Option 4 ID : **94891118477**
Status : **Answered**
Chosen Option : **2**

Q.69 The foundation day of the UN Charter was on:

Ans
1. 29^{th} October 1946
2. 20^{th} October 1932
3. 24^{th} October 1945
4. 21^{st} October 1950

Question ID : **9489114633**
Option 1 ID : **94891118532**
Option 2 ID : **94891118530**
Option 3 ID : **94891118531**
Option 4 ID : **94891118529**
Status : **Not Answered**
Chosen Option : **--**

Q.70 Banaras Hindu University was established in _____.

Ans
1. 1919
2. 1921
3. 1918
4. 1916

Question ID : **9489114606**
Option 1 ID : **94891118423**
Option 2 ID : **94891118424**
Option 3 ID : **94891118422**
Option 4 ID : **94891118421**
Status : **Not Answered**
Chosen Option : **--**

Q.71 Find the sum of the place value and the face value of 7 in the number 53736.

Ans
✔ 1. 707
✘ 2. 777
✘ 3. 770
✘ 4. 77

Question ID : **9489113646**
Option 1 ID : **94891114582**
Option 2 ID : **94891114584**
Option 3 ID : **94891114583**
Option 4 ID : **94891114581**
Status : **Answered**
Chosen Option : **1**

Q.72 Ram alone can finish a task in 20 days while Shyam alone can finish it in 30 days. How many days will they take to finish the task if they work together?

Ans
✘ 1. 18
✘ 2. 16
✔ 3. 12
✘ 4. 14

Question ID : **9489113661**
Option 1 ID : **94891114644**
Option 2 ID : **94891114643**
Option 3 ID : **94891114641**
Option 4 ID : **94891114642**
Status : **Answered**
Chosen Option : **3**

Q.73 Mr. Cook sold a book at a profit of 14%. If he had sold it for ₹5.40 more, then he would have made a profit of 20%. Find the cost price of the book.

Ans

✗ 1. ₹30

✗ 2. ₹60

✗ 3. ₹120

✓ 4. ₹90

Question ID : **9489113659**
Option 1 ID : **94891114633**
Option 2 ID : **94891114634**
Option 3 ID : **94891114636**
Option 4 ID : **94891114635**
Status : **Answered**
Chosen Option : **4**

Q.74 The smallest number that is divisible by 10, 14 and 28, and is a perfect square, is:

Ans

✗ 1. 140

✓ 2. 4900

✗ 3. 19600

✗ 4. 18600

Question ID : **9489113647**
Option 1 ID : **94891114585**
Option 2 ID : **94891114588**
Option 3 ID : **94891114586**
Option 4 ID : **94891114587**
Status : **Answered**
Chosen Option : **2**

Q.75 A alone can finish a task in 30 days. He works for 6 days on the same task and then B finishes it in 24 days. In how many days can A and B together finish the task?

Ans

✗ 1. 25

✓ 2. 15

✗ 3. 10

✗ 4. 20

Question ID : **9489113663**
Option 1 ID : **94891114652**
Option 2 ID : **94891114650**
Option 3 ID : **94891114649**
Option 4 ID : **94891114651**
Status : **Answered**
Chosen Option : **2**

Q.76 If the angles of a quadrilateral are in the ratio of 4 : 9 : 11 : 12, then the largest of these angles is:

Ans

✗ 1. 72°

✓ 2. 120°

✗ 3. 168°

✗ 4. 166°

Question ID : **9489113668**
Option 1 ID : **94891114669**
Option 2 ID : **94891114670**
Option 3 ID : **94891114672**
Option 4 ID : **94891114671**
Status : **Answered**
Chosen Option : **2**

Q.77 Planning Commission of India was set up in year:

Ans
✔ 1. 1950
✘ 2. 1948
✘ 3. 1949
✘ 4. 1951

Question ID : **9489114640**
Option 1 ID : **94891118557**
Option 2 ID : **94891118560**
Option 3 ID : **94891118559**
Option 4 ID : **94891118558**
Status : **Not Answered**
Chosen Option : **--**

Q.78 If K = 16 and ROW = 25, then NECK will be equal to:

Ans
✘ 1. 47
✘ 2. 33
✘ 3. 57
✔ 4. 75

Question ID : **9489114577**
Option 1 ID : **94891118306**
Option 2 ID : **94891118305**
Option 3 ID : **94891118307**
Option 4 ID : **94891118308**
Status : **Answered**
Chosen Option : **4**

Q.79 Find the arithmetic mean of the first 15 natural numbers.

Ans
1. 16 ✗
2. 8 ✓
3. 15 ✗
4. 9 ✗

Question ID : **9489113672**
Option 1 ID : **94891114687**
Option 2 ID : **94891114685**
Option 3 ID : **94891114686**
Option 4 ID : **94891114688**
Status : **Answered**
Chosen Option : **2**

Q.80 Which of the following temples was built by Raja Raja Chola?

Ans
1. Jagannath Temple ✗
2. Meenakshi Temple ✗
3. Lingaraj Temple ✗
4. Brihadisvara Temple ✓

Question ID : **9489114610**
Option 1 ID : **94891118438**
Option 2 ID : **94891118437**
Option 3 ID : **94891118439**
Option 4 ID : **94891118440**
Status : **Not Answered**
Chosen Option : **--**

Q.81 B is A's son. B is my son's only paternal uncle. Then from the following options, A is my:

Ans

✗ 1. uncle

✓ 2. father

✗ 3. brother

✗ 4. grandfather

Question ID : **9489114600**
Option 1 ID : **94891118397**
Option 2 ID : **94891118398**
Option 3 ID : **94891118399**
Option 4 ID : **94891118400**
Status : **Answered**
Chosen Option : **2**

Q.82 If the difference between the interior and exterior angles of a polygon is 36°, then find the number of sides in the polygon.

Ans

✗ 1. 6

✓ 2. 5

✗ 3. 8

✗ 4. 7

Question ID : **9489113673**
Option 1 ID : **94891114690**
Option 2 ID : **94891114689**
Option 3 ID : **94891114692**
Option 4 ID : **94891114691**
Status : **Answered**
Chosen Option : **2**

Q.83 Which of the following films was directed by Satyajit Ray?

Ans

✗ 1. Mahal

✓ 2. Pather Panchali

✗ 3. Pyaasa

✗ 4. Kora Kagaz

Question ID : **9489114604**
Option 1 ID : **94891118414**
Option 2 ID : **94891118413**
Option 3 ID : **94891118416**
Option 4 ID : **94891118415**
Status : **Answered**
Chosen Option : **2**

Q.84 If the side of a square is tripled, then the ratio of the area of the resulting square to that of original square is:

Ans

✓ 1. 9 : 1

✗ 2. 3 : 2

✗ 3. 3 : 1

✗ 4. 9 : 2

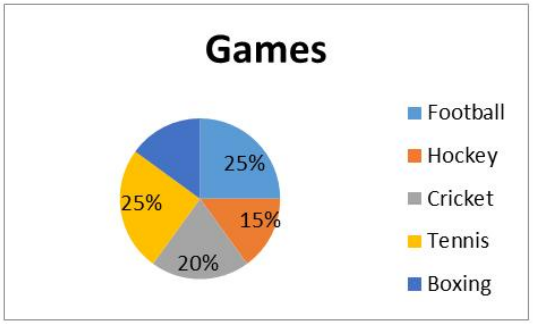
Question ID : **9489113664**
Option 1 ID : **94891114653**
Option 2 ID : **94891114656**
Option 3 ID : **94891114654**
Option 4 ID : **94891114655**
Status : **Answered**
Chosen Option : **1**

Q.85 If $\cot 35^\circ = 2 - \sqrt{3}$ then the value of $\tan 35^\circ \cot 55^\circ + \tan 55^\circ \cot 35^\circ$ is:

Ans
1. 14
2. 13
3. 15
4. 12

Question ID : **9489113671**
Option 1 ID : **94891114683**
Option 2 ID : **94891114682**
Option 3 ID : **94891114684**
Option 4 ID : **94891114681**
Status : **Answered**
Chosen Option : **1**

Q.86 In the given pie chart, if 300 players have taken up 5 different games, then how many players have taken up boxing?



Ans

✗ 1. 75

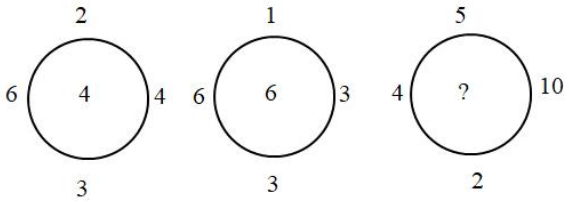
✗ 2. 55

✓ 3. 45

✗ 4. 60

Question ID : **9489114589**
Option 1 ID : **94891118354**
Option 2 ID : **94891118356**
Option 3 ID : **94891118355**
Option 4 ID : **94891118353**
Status : **Answered**
Chosen Option : **3**

Q.87 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).

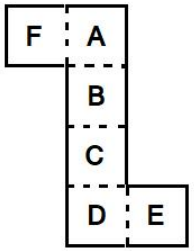


Ans

1. 2
2. 7
3. 4
4. 10

Question ID : **9489114590**
Option 1 ID : **94891118357**
Option 2 ID : **94891118359**
Option 3 ID : **94891118360**
Option 4 ID : **94891118358**
Status : **Answered**
Chosen Option : **3**

Q.88 A cube is made by folding the given sheet. In the cube so formed, what would be the letter on the opposite side of the letter A?



Ans

✗ 1. D

✓ 2. C

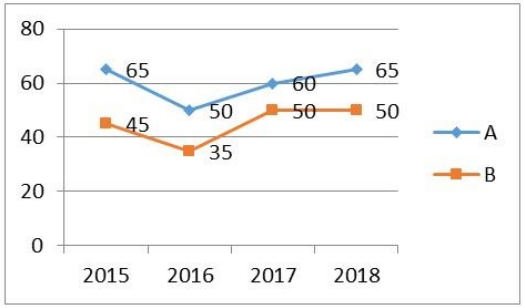
✗ 3. E

✗ 4. B

Question ID : **9489114591**
Option 1 ID : **94891118363**
Option 2 ID : **94891118362**
Option 3 ID : **94891118364**
Option 4 ID : **94891118361**
Status : **Answered**
Chosen Option : **2**

Q.89 The given graph shows the percentage of profit gained by two corporate bodies A and B from the year 2015 to 2018.

If the expenditure of A was ₹60 lakhs, then how much was the revenue (in ₹) of A in 2018?



Ans

✗ 1. 65 lakh

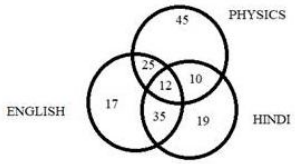
✗ 2. 50 lakh

✓ 3. 99 lakh

✗ 4. 100 lakh

Question ID : **9489114592**
Option 1 ID : **94891118366**
Option 2 ID : **94891118368**
Option 3 ID : **94891118365**
Option 4 ID : **94891118367**
Status : **Answered**
Chosen Option : **3**

Q.90 The given Venn diagram shows the number of students who got distinction in three subjects among 350 students. Find the percentage of students who got distinction in only two subjects.



Ans

✔ 1. 20%

✘ 2. 32%

✘ 3. 18.5%

✘ 4. 25%

Question ID : **9489114598**
Option 1 ID : **94891118391**
Option 2 ID : **94891118390**
Option 3 ID : **94891118389**
Option 4 ID : **94891118392**
Status : **Answered**
Chosen Option : **1**

Q.91 If $14 + 13 \times 3 = 81$, then $17 + 16 \times 2 = ?$

Ans

✗ 1. 49

✗ 2. 50

✓ 3. 66

✗ 4. 72

Question ID : **9489114583**
Option 1 ID : **94891118332**
Option 2 ID : **94891118331**
Option 3 ID : **94891118330**
Option 4 ID : **94891118329**
Status : **Answered**
Chosen Option : **3**

Q.92 In a code language, COPPER is written as FQTRJT then how will SILVER be written as in that code language?

Ans

✗ 1. VOPYTJ

✗ 2. WJNXTJ

✓ 3. VKPXJT

✗ 4. UJQMJT

Question ID : **9489114580**
Option 1 ID : **94891118318**
Option 2 ID : **94891118317**
Option 3 ID : **94891118320**
Option 4 ID : **94891118319**
Status : **Answered**
Chosen Option : **3**

Q.93 Four numbers have been listed, out of which three are alike in some manner and one is different. Select the odd one.

Ans

✔ 1. 413

✘ 2. 342

✘ 3. 348

✘ 4. 435

Question ID : **9489114586**
Option 1 ID : **94891118341**
Option 2 ID : **94891118343**
Option 3 ID : **94891118344**
Option 4 ID : **94891118342**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.94 If EGA = 25491, then CAD = ?

Ans

✘ 1. 2216

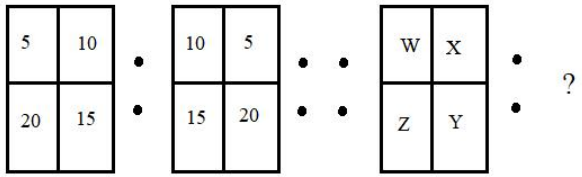
✘ 2. 52122

✘ 3. 25166

✔ 4. 9116

Question ID : **9489114601**
Option 1 ID : **94891118402**
Option 2 ID : **94891118403**
Option 3 ID : **94891118404**
Option 4 ID : **94891118401**
Status : **Answered**
Chosen Option : **4**

Q.95 Select the option that is related to the third pattern in the same way as the second pattern is related to the first pattern.

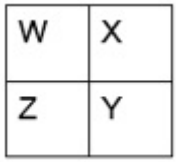


Ans

1.

2.

3.

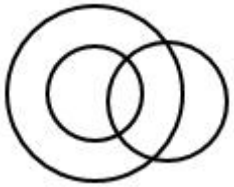
4. 

Question ID : **9489114593**
Option 1 ID : **94891118369**
Option 2 ID : **94891118372**
Option 3 ID : **94891118370**
Option 4 ID : **94891118371**
Status : **Answered**
Chosen Option : **2**

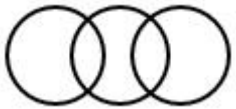
Q.96 Select the Venn diagram that best represents the relationship between the given set of classes.

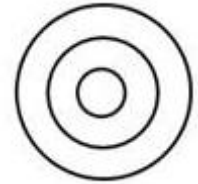
Gold, Metal, Silver

Ans

1. 

2.

3. 

4. 

Question ID : **9489114596**
Option 1 ID : **94891118384**
Option 2 ID : **94891118381**
Option 3 ID : **94891118383**
Option 4 ID : **94891118382**
Status : **Answered**
Chosen Option : **2**

Q.97 Select the number that can replace the question mark (?) in the following analogy.

18 : 324 : 5832 :: 36 : 1296 : ?

Ans

✔ 1. 46656

✘ 2. 2592

✘ 3. 5833

✘ 4. 23328

Question ID : **9489114574**
Option 1 ID : **94891118295**
Option 2 ID : **94891118293**
Option 3 ID : **94891118294**
Option 4 ID : **94891118296**
Status : **Answered**
Chosen Option : **1**

Q.98 Out of the four sports listed, three are alike in some manner and one is different. Select the odd one.

Ans

✘ 1. Hammer Throw

✔ 2. Badminton

✘ 3. Discuss Throw

✘ 4. Shot Put

Question ID : **9489114595**
Option 1 ID : **94891118377**
Option 2 ID : **94891118378**
Option 3 ID : **94891118379**
Option 4 ID : **94891118380**
Status : **Answered**
Chosen Option : **2**

Q.99 Identify the number from among the given options that does NOT belong to the following series.

1, 3, 7, 15, 33

Ans

✔ 1. 33

✘ 2. 1

✘ 3. 15

✘ 4. 7

Question ID : **9489114584**
Option 1 ID : **94891118336**
Option 2 ID : **94891118333**
Option 3 ID : **94891118335**
Option 4 ID : **94891118334**
Status : **Answered**
Chosen Option : **1**

Q.100 Select the option that is related to the third term in the same way as the second term is related to the first term.

Boxing : Round : : Badminton : ?

Ans

✔ 1. Game

✘ 2. Match

✘ 3. Point

✘ 4. Tournament

Question ID : **9489114602**
Option 1 ID : **94891118407**
Option 2 ID : **94891118406**
Option 3 ID : **94891118408**
Option 4 ID : **94891118405**
Status : **Answered**
Chosen Option : **1**