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	26/07/2021
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 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ACF, GIL, ?, SUX

Ans

✗ 1. MOS

✔ 2. MOR

✗ 3. NPS

✗ 4. NPR

Question ID : **94891115514**
Option 1 ID : **94891162053**
Option 2 ID : **94891162055**
Option 3 ID : **94891162054**
Option 4 ID : **94891162056**
Status : **Answered**
Chosen Option : **2**

Q.2 The Indian Space Research Organisation launched Polar Satellite Launch Vehicle - PSLV C51 that did NOT carry satellites of which of the following countries from Satish Dhawan Space Centre at Sriharikota, Andhra Pradesh?

Ans ✔ 1. Russia

✘ 2. India

✘ 3. The US

✘ 4. Brazil

Question ID : **94891115560**
Option 1 ID : **94891162237**
Option 2 ID : **94891162239**
Option 3 ID : **94891162240**
Option 4 ID : **94891162238**
Status : **Answered**
Chosen Option : **1**

Q.3 What is 1.5 percent of ₹36?

Ans ✘ 1. ₹3.40

✘ 2. ₹5.4

✘ 3. ₹3.75

✔ 4. ₹0.54

Question ID : **94891115584**
Option 1 ID : **94891162333**
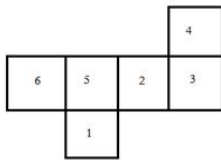Option 2 ID : **94891162335**
Option 3 ID : **94891162334**
Option 4 ID : **94891162336**
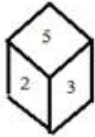Status : **Answered**
Chosen Option : **4**

Q.4 Which of the cubes given in the options will be formed when the following sheet is folded along the lines?

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.

Q.5 A man crosses a street 600 m long in 24 minutes. Find his speed in km/h.

Ans

✗ 1. 3 km/h

✗ 2. 2 km/h

✗ 3. 2.5 km/h

✔ 4. 1.5 km/h

Q.6 Solve the following :

$$\frac{\tan 73°}{\cot 17°} = ?$$

Ans

✗ 1. $\dfrac{\sqrt{3}}{3}$

✗ 2. 2

✔ 3. 1

✗ 4. $\sqrt{3}$

Question ID : **94891115601**
Option 1 ID : **94891162401**
Option 2 ID : **94891162403**
Option 3 ID : **94891162402**
Option 4 ID : **94891162404**
Status : **Answered**
Chosen Option : **3**

Q.7 Decomposition of calcium carbonate to calcium oxide and carbon dioxide on heating is an example of _____.

Ans

✗ 1. photo decomposition reaction

✗ 2. exothermic reaction

✗ 3. electrolytic decomposition reaction

✔ 4. thermal decomposition reaction

Question ID : **94891115544**
Option 1 ID : **94891162176**
Option 2 ID : **94891162174**
Option 3 ID : **94891162175**
Option 4 ID : **94891162173**
Status : **Not Answered**
Chosen Option : **--**

Q.8 The lengths of the two shorter sides of a right triangle are 7 cm and 24 cm. What is the length of the circumradius of this triangle?

Ans

✗ 1. 12 cm

✔ 2. 12.5 cm

✗ 3. 16 cm

✗ 4. 15.5 cm

Question ID : **94891115600**
Option 1 ID : **94891162397**
Option 2 ID : **94891162398**
Option 3 ID : **94891162400**
Option 4 ID : **94891162399**
Status : **Answered**
Chosen Option : **2**

Q.9 To which of the following dynasties did Queen Rudramadev of Warangal, a part of modern Andhra Pradesh, belong?

Ans

✗ 1. Chalukya dynasty

✗ 2. Chola dynasty

✔ 3. Kakatiya dynasty

✗ 4. Eastern Ganga dynasty

Question ID : **94891115547**
Option 1 ID : **94891162186**
Option 2 ID : **94891162188**
Option 3 ID : **94891162187**
Option 4 ID : **94891162185**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.10 Find the value of:

$$5[9 - 6\{3 - 2\,(-1 - 6)\}].$$

Ans

✗ 1. -85

✗ 2. 465

✔ 3. -465

✗ 4. -285

Question ID : **94891115576**
Option 1 ID : **94891162304**
Option 2 ID : **94891162302**
Option 3 ID : **94891162303**
Option 4 ID : **94891162301**
Status : **Answered**
Chosen Option : **3**

Q.11 The area of a square field is 10,000 m^2. Find the perimeter of the square whose side is equal to the diagonal of the field.

Ans

✔ 1. $400\sqrt{2}\,m$

✗ 2. 20,000 m

✗ 3. 10,000 m

✗ 4. 40,000 m

Question ID : **94891115579**
Option 1 ID : **94891162316**
Option 2 ID : **94891162314**
Option 3 ID : **94891162313**
Option 4 ID : **94891162315**
Status : **Answered**
Chosen Option : **1**

Q.12 Which of the following cricketer became the first Indian woman and the second in the world to score 10,000 runs in international women's cricket?

Ans

✘ 1. Poonam Yadav

✘ 2. Smriti Mandhana

✔ 3. Mithali Raj

✘ 4. Harmanpreet Kaur

Question ID : **94891115534**
Option 1 ID : **94891162135**
Option 2 ID : **94891162136**
Option 3 ID : **94891162134**
Option 4 ID : **94891162133**
Status : **Answered**
Chosen Option : **3**

Q.13 Which Indian para-athlete won a gold medal in the 2021 Para Shooting World Cup in 10 m air pistol event at Al Ain in the UAE?

Ans

✘ 1. Sarabjot Singh

✘ 2. Abhishek Verma

✔ 3. Singhraj

✘ 4. Saurabh Chaudhary

Question ID : **94891115535**
Option 1 ID : **94891162140**
Option 2 ID : **94891162138**
Option 3 ID : **94891162137**
Option 4 ID : **94891162139**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans

✔ 1. 38, 54

✘ 2. 92, 18

✘ 3. 56, 45

✘ 4. 27, 14

Question ID : **94891115512**
Option 1 ID : **94891162045**
Option 2 ID : **94891162048**
Option 3 ID : **94891162047**
Option 4 ID : **94891162046**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Solve the following:

$$\frac{1}{2}\left[\frac{3}{4} - \left\{\frac{1}{4} - (-5 - 3)\right\}\right].$$

Ans

✔ 1. $-3\dfrac{3}{4}$

✘ 2. $3\dfrac{3}{4}$

✘ 3. $3\dfrac{1}{4}$

✘ 4. $-3\dfrac{1}{4}$

Question ID : **94891115581**
Option 1 ID : **94891162321**
Option 2 ID : **94891162322**
Option 3 ID : **94891162324**
Option 4 ID : **94891162323**
Status : **Answered**
Chosen Option : **1**

Q.16 Which of the following is INCORRECT about India's government-owned telecommunications provider, to deploy a satellite-based Internet of Things (IoT) network in India?

Ans

✘ 1. Connect millions of sensors and machines from space

✘ 2. World's first satellite-based narrowband-IoT network

✘ 3. Sklyo is partnering with BSNL

✔ 4. Introduced on 10 March 2021

Question ID : **94891115562**
Option 1 ID : **94891162245**
Option 2 ID : **94891162247**
Option 3 ID : **94891162248**
Option 4 ID : **94891162246**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Which of the following Amendments of the Constitution of India amended the Eighth Schedule of the Constitution to include Bodo, Dogri, Maithili and Santali languages as official languages?

Ans   ✗ 1. Ninety-third Amendment Act

   ✗ 2. Ninetieth Amendment Act

   ✔ 3. Ninety-second Amendment Act

   ✗ 4. Ninety-first Amendment Act

Question ID : **94891115558**
Option 1 ID : **94891162232**
Option 2 ID : **94891162229**
Option 3 ID : **94891162231**
Option 4 ID : **94891162230**
Status : **Answered**
Chosen Option : **3**

Q.18 Which of the following is the highest plateau in the world?

Ans   ✗ 1. The Deccan plateau

   ✔ 2. The Tibetan plateau

   ✗ 3. The East African plateau

   ✗ 4. The Western plateau

Question ID : **94891115553**
Option 1 ID : **94891162209**
Option 2 ID : **94891162212**
Option 3 ID : **94891162211**
Option 4 ID : **94891162210**
Status : **Answered**
Chosen Option : **2**

Q.19 From every perfect square NOT exceeding 101, Rahul subtracts 5. What is the average of the numbers Rahul obtained?

Ans   ✗ 1. 38

   ✗ 2. 37.5

   ✔ 3. 33.5

   ✗ 4. -11.5

Question ID : **94891115594**
Option 1 ID : **94891162375**
Option 2 ID : **94891162376**
Option 3 ID : **94891162374**
Option 4 ID : **94891162373**
Status : **Not Answered**
Chosen Option : **--**

Q.20 What is the approximate speed of a falcon?

Ans ✔ 1. 320 km/h

✘ 2. 105 km/h

✘ 3. 410 km/h

✘ 4. 215 km/h

Q.21 If $^n C_3 = {}^n C_8$, then find n.

Ans ✔ 1. 11

✘ 2. 14

✘ 3. 10

✘ 4. 12

Q.22 If $\frac{x}{a} + \frac{y}{b} + \frac{z}{c} = \sqrt{3}$ and $\frac{a}{x} + \frac{b}{y} + \frac{c}{z} = 0$, the find the value of $\frac{x^2}{a^2} + \frac{y^2}{b^2} + \frac{z^2}{c^2}$.

Ans ✔ 1. 3

✘ 2. $\sqrt{3}$

✘ 3. 0

✘ 4. 6

Q.23 At what rate of compound interest per annum will a sum of ₹1,250 become ₹1,488.77 in 3 years?

Ans ✗ 1. 7.5%

✓ 2. 6%

✗ 3. 7%

✗ 4. 6.5%

Question ID : **94891115587**
Option 1 ID : **94891162348**
Option 2 ID : **94891162345**
Option 3 ID : **94891162347**
Option 4 ID : **94891162346**
Status : **Answered**
Chosen Option : **2**

Q.24 Which of the following is a computer programming language?

Ans ✓ 1. Scratch

✗ 2. BOSS

✗ 3. Norton

✗ 4. UNIX

Question ID : **94891115567**
Option 1 ID : **94891162266**
Option 2 ID : **94891162267**
Option 3 ID : **94891162268**
Option 4 ID : **94891162265**
Status : **Answered**
Chosen Option : **2**

Q.25 Which of the following states of India won the Digital India Award 2020 (under Innovation in Pandemic category) for the initiatives undertaken by the state during the COVID-19 lockdown?

Ans ✗ 1. Tamil Nadu

✗ 2. Haryana

✗ 3. West Bengal

✓ 4. Bihar

Question ID : **94891115561**
Option 1 ID : **94891162243**
Option 2 ID : **94891162242**
Option 3 ID : **94891162244**
Option 4 ID : **94891162241**
Status : **Not Answered**
Chosen Option : **--**

Q.26 Find the value of:

$0.99 \times 0.999 \div 0.9999$.

Ans ✗ 1. 0.9

✓ 2. 0.99

✗ 3. 10

✗ 4. 0.09

Q.27 Which of the following statements is related to United Nations Conference on Environment in the Stockholm Declaration?

Ans ✗ 1. Inequitable growth

✗ 2. Intellectual property rights

✓ 3. Creation of United Nations environment programme

✗ 4. World's cultural and natural heritage

Q.28 If 40% of 50 = x% of 80, what is the value of x?

Ans ✗ 1. 40

✓ 2. 25

✗ 3. 30

✗ 4. 20

Q.29 Which of the following pairs of rivers flow westwards and drain into the Arabian Sea?

Ans ✔ 1. Narmada and Tapti

✘ 2. Mahanadi and Krishna

✘ 3. Gandak and Kosi

✘ 4. Luni and Kaveri

Question ID : **94891115554**
Option 1 ID : **94891162216**
Option 2 ID : **94891162215**
Option 3 ID : **94891162213**
Option 4 ID : **94891162214**
Status : **Answered**
Chosen Option : **1**

Q.30 On 21st March and 23rd September the sun rays fall directly on the equator which makes days and nights equal on earth. This is known as _____.

Ans ✔ 1. equinox

✘ 2. winter solstice

✘ 3. rotation

✘ 4. summer solstice

Question ID : **94891115552**
Option 1 ID : **94891162205**
Option 2 ID : **94891162206**
Option 3 ID : **94891162208**
Option 4 ID : **94891162207**
Status : **Answered**
Chosen Option : **1**

Q.31 Technology giant Google has tied up with the Archaeological Survey of India (ASI) for 360 degree virtual tour of how many odd monuments across the country?

Ans ✘ 1. 290

✘ 2. 285

✘ 3. 295

✔ 4. 280

Question ID : **94891115538**
Option 1 ID : **94891162149**
Option 2 ID : **94891162150**
Option 3 ID : **94891162152**
Option 4 ID : **94891162151**
Status : **Not Answered**
Chosen Option : **--**

Q.32 A, B, C, D, E and F – each scored different marks in an exam. B scored the third highest marks. E scored more marks than only C. A scored more than D, but less than F. If F scored 94 marks, and the person who scored third highest scored 80 marks, which of the following can be the marks obtained by A?

Ans ✔ 1. 91

✘ 2. 60

✘ 3. 96

✘ 4. 75

Question ID : **94891115532**
Option 1 ID : **94891162126**
Option 2 ID : **94891162128**
Option 3 ID : **94891162125**
Option 4 ID : **94891162127**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.33 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

RAA, ?, PCB, ODB, NEC, MFC

Ans ✘ 1. QEC

✔ 2. QBA

✘ 3. PDB

✘ 4. PKL

Question ID : **94891115515**
Option 1 ID : **94891162059**
Option 2 ID : **94891162060**
Option 3 ID : **94891162058**
Option 4 ID : **94891162057**
Status : **Answered**
Chosen Option : **2**

Q.34 Who among the following constructed the garrison town Siri for his soldiers?

Ans ✘ 1. Mohammad Tughluq

✘ 2. Ghiyas-ud-din Tughlaq

✘ 3. Qutb-ud-din-Aibak

✔ 4. Alauddin Khilji

Question ID : **94891115549**
Option 1 ID : **94891162194**
Option 2 ID : **94891162196**
Option 3 ID : **94891162195**
Option 4 ID : **94891162193**
Status : **Not Answered**
Chosen Option : **--**

Q.35 A, B and C are three points on a circle such that the angles subtended by the chords AB and AC at the centre O are 90° and 110° respectively and $\angle BAC > \angle BAO$ then $\angle BAC$ =?

Ans ✗ 1. 55°

✔ 2. 80°

✗ 3. 45°

✗ 4. 100°

Q.36 Which of the following is the height of Mount Everest peak that was announced officially by Nepal and China jointly in a virtual ceremony in 2020?

Ans ✔ 1. 29,031.69 feet

✗ 2. 29,028.12 feet

✗ 3. 29,017.12 feet

✗ 4. 29,035.15 feet

Q.37 Which of the following states was NOT provided with the special status under Part XXI of the Constitution of India which consists of 371 Articles on temporary, transitional and special provision of some states?

Ans ✔ 1. Himachal Pradesh

✗ 2. Karnataka

✗ 3. Andhra Pradesh

✗ 4. Maharashtra

Q.38 Which of the following is NOT a Computer input device?

Ans ✔ 1. Plotter

✘ 2. Joystick

✘ 3. Optical mark recognition

✘ 4. Light pen

Question ID : **94891115566**
Option 1 ID : **94891162261**
Option 2 ID : **94891162264**
Option 3 ID : **94891162262**
Option 4 ID : **94891162263**
Status : **Answered**
Chosen Option : **1**

Q.39 15% of $x = 25\%$ of $y = 50\%$ of z. Find x : y : z.

Ans ✘ 1. $10 : 5 : 3$

✔ 2. $10 : 6 : 3$

✘ 3. $3 : 2 : 1$

✘ 4. $3 : 5 : 10$

Question ID : **94891115589**
Option 1 ID : **94891162354**
Option 2 ID : **94891162356**
Option 3 ID : **94891162353**
Option 4 ID : **94891162355**
Status : **Answered**
Chosen Option : **2**

Q.40 Which of the following is a Computer utility programme?

Ans ✘ 1. Inventory control system

✔ 2. Disk defragmenter

✘ 3. Shareware

✘ 4. Package software

Question ID : **94891115568**
Option 1 ID : **94891162270**
Option 2 ID : **94891162272**
Option 3 ID : **94891162269**
Option 4 ID : **94891162271**
Status : **Not Answered**
Chosen Option : **--**

Q.41 As per the Constitution of India, which of the following is NOT a fundamental duty?

Ans ✔ 1. Prohibition of traffic of human beings and forced labour

✘ 2. To develop scientific temper

✘ 3. To promote the spirit of harmony and brotherhood

✘ 4. To preserve the rich heritage of the culture

Question ID : **94891115557**
Option 1 ID : **94891162228**
Option 2 ID : **94891162225**
Option 3 ID : **94891162227**
Option 4 ID : **94891162226**
Status : **Answered**
Chosen Option : **2**

Q.42 Three years ago, the average age of A and B was 28 years. With C joining them, their current average age becomes 42 years. How old is C now?

Ans ✘ 1. 77 years

✔ 2. 64 years

✘ 3. 68 years

✘ 4. 73 years

Question ID : **94891115595**
Option 1 ID : **94891162379**
Option 2 ID : **94891162377**
Option 3 ID : **94891162378**
Option 4 ID : **94891162380**
Status : **Answered**
Chosen Option : **2**

Q.43 Find the perimeter of a rectangle that has a length 5 m more than its width and a perimeter equal in value to one-third of its area.

Ans ✘ 1. 60 m

✔ 2. 50 m

✘ 3. 40 m

✘ 4. 45 m

Question ID : **94891115602**
Option 1 ID : **94891162405**
Option 2 ID : **94891162406**
Option 3 ID : **94891162408**
Option 4 ID : **94891162407**
Status : **Answered**
Chosen Option : **2**

Q.44 For which of the following novels was Professor Sharad Pagare selected for the prestigious Vyas Samman 2020?

Ans
- ✗ 1. Chandramukhi Ka Devdas
- ✗ 2. Gandharvsen
- ✔ 3. Patliputra ki Samragi
- ✗ 4. Begum Zainabadi

Question ID : **94891115540**
Option 1 ID : **94891162157**
Option 2 ID : **94891162160**
Option 3 ID : **94891162158**
Option 4 ID : **94891162159**
Status : **Answered**
Chosen Option : **3**

Q.45 The Ministry of Tribal Affairs launched the Shram Shakti portal to collect data related to _____ .

Ans
- ✔ 1. tribal migrant workers
- ✗ 2. tribal people
- ✗ 3. tribal bonded workers
- ✗ 4. workers

Question ID : **94891115573**
Option 1 ID : **94891162292**
Option 2 ID : **94891162290**
Option 3 ID : **94891162291**
Option 4 ID : **94891162289**
Status : **Not Answered**
Chosen Option : **--**

Q.46 Which of the following countries received the first consignment of red rice from Assam to give major boost to India's rice export potential in March 2021?

Ans
- ✔ 1. The US
- ✗ 2. China
- ✗ 3. Russia
- ✗ 4. France

Question ID : **94891115571**
Option 1 ID : **94891162281**
Option 2 ID : **94891162282**
Option 3 ID : **94891162283**
Option 4 ID : **94891162284**
Status : **Not Answered**
Chosen Option : **--**

Q.47 The number of factors of 4200 are:

Ans ✗ 1. 46

✔ 2. 48

✗ 3. 64

✗ 4. 56

Q.48 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).

37	468	13
41	680	17
43	?	19

Ans ✗ 1. 836

✔ 2. 798

✗ 3. 817

✗ 4. 731

Q.49 K, G, N, V, R and S are sitting in a row facing north, equidistant from each other. R and S are in the centre. G and K are at the extreme ends. N is to the immediate left of K. Who is to the immediate right of G?

Ans ✗ 1. R

✗ 2. N

✗ 3. S

✔ 4. V

Q.50 Who among the following was conferred with the Gandhi Peace Prize for the year 2020?

Ans ✗ 1. Yohei Sasakawa

✗ 2. Dr. Julius Nyerere

✔ 3. Sheikh Mujibur Rahman

✗ 4. Dr. Gerhard Fischer

Question ID : **94891115536**
Option 1 ID : **94891162141**
Option 2 ID : **94891162143**
Option 3 ID : **94891162144**
Option 4 ID : **94891162142**
Status : **Answered**
Chosen Option : **3**

Q.51 Who among the following noticed the deflection of the compass needle every time current was passed through the wire?

Ans ✗ 1. Thomas Alva Edison

✗ 2. C V Raman

✗ 3. William Sturgeon

✔ 4. Hans Christian Oersted

Question ID : **94891115545**
Option 1 ID : **94891162178**
Option 2 ID : **94891162177**
Option 3 ID : **94891162180**
Option 4 ID : **94891162179**
Status : **Answered**
Chosen Option : **4**

Q.52 Which of the following organelles is responsible for transporting, modifying and packaging proteins and lipids into vesicles?

Ans ✗ 1. Rough endoplasmic reticulum

✗ 2. Smooth endoplasmic reticulum

✗ 3. Ribosome

✔ 4. Golgi apparatus

Question ID : **94891115543**
Option 1 ID : **94891162171**
Option 2 ID : **94891162170**
Option 3 ID : **94891162169**
Option 4 ID : **94891162172**
Status : **Answered**
Chosen Option : **4**

Q.53 In a certain code language, if 'SOUP' is coded '1234' and 'WRONG' is coded as '65278', then how will 'PUNG' be coded as in that language?

Ans
- ✗ 1. 3473
- ✗ 2. 4377
- ✔ 3. 4378
- ✗ 4. 4734

Question ID : **94891115508**
Option 1 ID : **94891162031**
Option 2 ID : **94891162032**
Option 3 ID : **94891162030**
Option 4 ID : **94891162029**
Status : **Answered**
Chosen Option : **3**

Q.54 Clean development mechanism programme is used to reduce _____.

Ans
- ✗ 1. sound pollution
- ✗ 2. water scarcity
- ✔ 3. greenhouse gas emission
- ✗ 4. deforestation

Question ID : **94891115565**
Option 1 ID : **94891162259**
Option 2 ID : **94891162260**
Option 3 ID : **94891162257**
Option 4 ID : **94891162258**
Status : **Not Answered**
Chosen Option : **--**

Q.55 Ramesh is the father-in-law of Mohit's mother. Mohit is the only brother of Vishal. How is Mohit related to Ramesh?

Ans
- ✗ 1. Son
- ✔ 2. Son's son
- ✗ 3. Son-in-law
- ✗ 4. Daughter's son

Question ID : **94891115504**
Option 1 ID : **94891162013**
Option 2 ID : **94891162015**
Option 3 ID : **94891162014**
Option 4 ID : **94891162016**
Status : **Answered**
Chosen Option : **2**

Q.56

Find the value of $\sqrt{\dfrac{576}{625}}$.

Ans
- ✔ 1. 0.96
- ✗ 2. 0.9
- ✗ 3. 0.99
- ✗ 4. 10

Question ID : **94891115580**
Option 1 ID : **94891162319**
Option 2 ID : **94891162317**
Option 3 ID : **94891162318**
Option 4 ID : **94891162320**
Status : **Answered**
Chosen Option : **1**

Q.57 Who among the following was the Viceroy of India when the Jallianwala Bagh Massacre occurred?

Ans
- ✗ 1. Lord Minto
- ✗ 2. Lord Irwin
- ✔ 3. Lord Chelmsford
- ✗ 4. Lord Wavell

Question ID : **94891115550**
Option 1 ID : **94891162198**
Option 2 ID : **94891162199**
Option 3 ID : **94891162200**
Option 4 ID : **94891162197**
Status : **Answered**
Chosen Option : **3**

Q.58 Select the alphanumeric-cluster from among the given options that can replace the question mark (?) in the following series.

B8, H27, N64, T125, ?

Ans
- ✗ 1. Z215
- ✔ 2. Z216
- ✗ 3. Y215
- ✗ 4. Y216

Question ID : **94891115523**
Option 1 ID : **94891162091**
Option 2 ID : **94891162092**
Option 3 ID : **94891162089**
Option 4 ID : **94891162090**
Status : **Answered**
Chosen Option : **2**

Q.59 Select the number from among the given options that can replace the question mark (?) in the following series.

6, 16, 38, ?, 178

Ans ✔ 1. 84

✘ 2. 78

✘ 3. 56

✘ 4. 88

Q.60 Find the HCF of $\frac{6}{7}$ and $\frac{16}{210}$.

Ans ✔ 1. $\dfrac{1}{105}$

✘ 2. $\dfrac{16}{210}$

✘ 3. $\dfrac{7}{16}$

✘ 4. $\dfrac{16}{105}$

Q.61 If $\tan \theta = -\dfrac{4}{3}$, then $\sin \theta$ is:

Ans

✗ 1. $\dfrac{4}{5}$ but not $\dfrac{-4}{5}$

✗ 2. $\dfrac{5}{6}$ or $\dfrac{6}{5}$

✗ 3. $\dfrac{-4}{5}$ but not $\dfrac{4}{5}$

✓ 4. $\dfrac{-4}{5}$ or $\dfrac{4}{5}$

Question ID : **94891115603**
Option 1 ID : **94891162411**
Option 2 ID : **94891162412**
Option 3 ID : **94891162409**
Option 4 ID : **94891162410**
Status : **Answered**
Chosen Option : **4**

Q.62 Which of the following rivers flows in the Andaman and Nicobar Islands?

Ans

✓ 1. Kalpong

✗ 2. Simsang

✗ 3. Umkhrah

✗ 4. Someswari

Question ID : **94891115555**
Option 1 ID : **94891162220**
Option 2 ID : **94891162217**
Option 3 ID : **94891162219**
Option 4 ID : **94891162218**
Status : **Not Answered**
Chosen Option : **--**

Q.63 Which of the following Malayalam movies won the National award at 67th National Film Awards on 22 March 2021 for the best feature film?

Ans

✗ 1. Arabiyum Ottakavum P Madhavan Nairum

✓ 2. Marakkar: Arabikadalinte Simham

✗ 3. Kilichundan Mambazham

✗ 4. Aamayum Muyalum

Question ID : **94891115537**
Option 1 ID : **94891162148**
Option 2 ID : **94891162145**
Option 3 ID : **94891162147**
Option 4 ID : **94891162146**
Status : **Answered**
Chosen Option : **2**

Q.64 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All silk cloths are woollen cloths.

No woollen cloth is a nylon cloth.

Conclusions:

I.   No silk cloth is a nylon cloth.

II. All woollen cloths are silk cloths.

Ans ✔ 1. Only conclusion I follows.

✘ 2. Only conclusion II follows.

✘ 3. Neither conclusion I nor II follows.

✘ 4. Both conclusions I and II follow.

Q.65 In cockroaches, respiration occurs through the _____.

Ans ✘ 1. lungs

✔ 2. spiracles

✘ 3. gills

✘ 4. skin

Q.66 Find the LCM of two numbers, if their HCF is 2 and product is 120.

Ans ✗ 1. 30

✗ 2. 120

✗ 3. 90

✔ 4. 60

Question ID : **94891115578**
Option 1 ID : **94891162310**
Option 2 ID : **94891162311**
Option 3 ID : **94891162312**
Option 4 ID : **94891162309**
Status : **Answered**
Chosen Option : **4**

Q.67 If a is 7.5% of b, b is 1.50% of c and d is 5% of c, then find a : d.

Ans ✔ 1. 9 : 400

✗ 2. 8 : 300

✗ 3. 9 : 100

✗ 4. 8 : 100

Question ID : **94891115586**
Option 1 ID : **94891162342**
Option 2 ID : **94891162343**
Option 3 ID : **94891162341**
Option 4 ID : **94891162344**
Status : **Not Answered**
Chosen Option : **--**

Q.68 Which of the following schemes was launched by Prime Minister Modi for the physical distribution of property cards which will be used for taking loans and other benefits in 2020?

Ans ✔ 1. SVAMITVA

✗ 2. Atmanirbhar Bharat Scheme

✗ 3. Production Linked Incentive Scheme

✗ 4. Garib Kalyan Rojgar Abhiyaan

Question ID : **94891115572**
Option 1 ID : **94891162286**
Option 2 ID : **94891162288**
Option 3 ID : **94891162285**
Option 4 ID : **94891162287**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.69 The two sides containing the right angle in a right-angled triangle are 8 cm and 15 cm respectively. What is the length of the hypotenuse?

Ans

✗ 1. $\sqrt{161}$ cm

✗ 2. 23 cm

✗ 3. 25 cm

✓ 4. 17 cm

Question ID : **94891115597**
Option 1 ID : **94891162387**
Option 2 ID : **94891162385**
Option 3 ID : **94891162386**
Option 4 ID : **94891162388**
Status : **Answered**
Chosen Option : **4**

Q.70 Which of the following was the immediate reason for the revolt of 1857?

Ans

✗ 1. Allocation of land to rich people

✓ 2. Greased cartridges

✗ 3. Boycott of British goods

✗ 4. Defeat of Tipu Sultan

Question ID : **94891115551**
Option 1 ID : **94891162204**
Option 2 ID : **94891162202**
Option 3 ID : **94891162201**
Option 4 ID : **94891162203**
Status : **Answered**
Chosen Option : **2**

Q.71 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

AAB, BDE, CIJ, DPQ, ?

Ans

✓ 1. EYZ

✗ 2. EZA

✗ 3. EXY

✗ 4. EST

Question ID : **94891115518**
Option 1 ID : **94891162071**
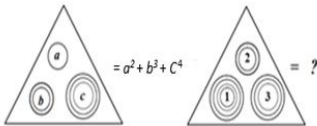Option 2 ID : **94891162072**
Option 3 ID : **94891162070**
Option 4 ID : **94891162069**
Status : **Answered**
Chosen Option : **2**

Q.72 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

$= a^2 + b^3 + C^4$ $= ?$

Ans

✔ 1. 90

✘ 2. 746

✘ 3. 231

✘ 4. 100

Q.73 The number of non-congruent acute isosceles triangles in which one angle is 4 times another angle is:

Ans

✔ 1. 1

✘ 2. 3

✘ 3. 2

✘ 4. 4

Q.74 Anupama sold a book at a profit of 10%. Had she sold it for ₹20 more, 15% would have been gained, find the cost price of the book.

Ans

✘ 1. ₹450

✘ 2. ₹500

✘ 3. ₹375

✔ 4. ₹400

Q.75 The value of 0.9% of 10 is:

Ans
✗ 1. $\dfrac{90}{100}$

✓ 2. $\dfrac{9}{100}$

✗ 3. $\dfrac{9}{10}$

✗ 4. $\dfrac{9}{1000}$

Q.76 How much grant assistance is provided by the Government of India to Nepal for strengthening road infrastructure in the Terai region in Nepal in March 2021?

Ans
✗ 1. 750 crores

✗ 2. 875 crores

✗ 3. 850 crores

✓ 4. 800 crores

Q.77 The lowest whole number, which when subtracted from both the terms of the ratio 12 : 17 gives a ratio less than $\frac{11}{20}$, is:

Ans
✗ 1. 2

✓ 2. 6

✗ 3. 3

✗ 4. 4

Q.78 What is the process of removing the fleece of the sheep along with a thin layer of skin called?

Ans
✔ 1. Shearing
✘ 2. Rolling
✘ 3. Sorting
✘ 4. Scouring

Question ID : **94891115541**
Option 1 ID : **94891162164**
Option 2 ID : **94891162161**
Option 3 ID : **94891162163**
Option 4 ID : **94891162162**
Status : **Not Answered**
Chosen Option : **--**

Q.79 The speed of a boat in still water is 30 km/h and the rate of current is 6 km/h. Find the distances travelled downstream and upstream in 5 minutes each way.

Ans
✔ 1. 3 km downstream; 2 km upstream
✘ 2. 3 km downstream; 3 km upstream
✘ 3. 3 km downstream; 4 km upstream
✘ 4. 2 km downstream; 2 km upstream

Question ID : **94891115593**
Option 1 ID : **94891162370**
Option 2 ID : **94891162371**
Option 3 ID : **94891162369**
Option 4 ID : **94891162372**
Status : **Answered**
Chosen Option : **1**

Q.80 A can complete $\frac{1}{3}$ of a piece of work in 5 days and B can do $\frac{2}{5}$ of the work in 10 days. In how many days can both A and B together do the work?

Ans
✘ 1. $8\frac{31}{8}$ days
✔ 2. $9\frac{3}{8}$ days
✘ 3. $4\frac{1}{4}$ days
✘ 4. $7\frac{1}{8}$ days

Question ID : **94891115591**
Option 1 ID : **94891162363**
Option 2 ID : **94891162364**
Option 3 ID : **94891162361**
Option 4 ID : **94891162362**
Status : **Answered**
Chosen Option : **2**

Q.81 Which of the following is NOT related to sustainable development goals to transform our world?

Ans
✘ 1. No poverty
✘ 2. Good health and well being
✘ 3. Clean water and sanitation
✔ 4. Reduce mortality

Question ID : **94891115564**
Option 1 ID : **94891162256**
Option 2 ID : **94891162254**
Option 3 ID : **94891162253**
Option 4 ID : **94891162255**
Status : **Answered**
Chosen Option : **4**

Q.82 What is the rank of India in the International Intellectual Property Index 2021 released by the US Chamber of Commerce Global Innovation Policy Centre?

Ans
✘ 1. 39th
✔ 2. 40th
✘ 3. 38th
✘ 4. 41st

Question ID : **94891115570**
Option 1 ID : **94891162278**
Option 2 ID : **94891162279**
Option 3 ID : **94891162277**
Option 4 ID : **94891162280**
Status : **Answered**
Chosen Option : **2**

Q.83 In a group of people in a party, 18 people can speak in English, 20 can speak in Hindi, and 10 can speak in Bengali. 11 people in the group can speak in English and Hindi, 6 can speak in Bengali and Hindi, and 7 can speak in Bengali and English. 5 people can speak in all three languages.

How many people are there in the group?

Ans
✘ 1. 33
✔ 2. 29
✘ 3. 60
✘ 4. 48

Question ID : **94891115526**
Option 1 ID : **94891162104**
Option 2 ID : **94891162103**
Option 3 ID : **94891162101**
Option 4 ID : **94891162102**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.84 The land for the maintenance of a school mentioned in the Chola inscription was known as _____.

Ans

✗ 1. Vellanvagai

✗ 2. Brahmadeya

✔ 3. Shalabhoga

✗ 4. Pallichchhandam

Question ID : **94891115548**
Option 1 ID : **94891162190**
Option 2 ID : **94891162189**
Option 3 ID : **94891162191**
Option 4 ID : **94891162192**
Status : **Not Answered**
Chosen Option : **--**

Q.85 Which of the following colonial structures was rededicated to Kolkata by the Prime Minister in January 2020, in which the Reserve Bank of India operated till 1937?

Ans

✗ 1. Victoria Memorial Hall

✗ 2. Belvedere House

✗ 3. Metcalfe House

✔ 4. The Currency Building

Question ID : **94891115539**
Option 1 ID : **94891162156**
Option 2 ID : **94891162155**
Option 3 ID : **94891162154**
Option 4 ID : **94891162153**
Status : **Not Answered**
Chosen Option : **--**

Q.86 The distribution of employees in a factory is shown in the following table. Study the table carefully and answer the question that follows.

Year	Manager		Supervisor		Technician	
	Male	Female	Male	Female	Male	Female
2015	17	18	26	34	234	121
2016	18	20	32	36	241	153
2017	20	20	24	41	232	238
2018	24	22	31	38	249	236
2019	31	20	37	51	244	252

For all the given years taken together, what is the ratio of the number of female supervisors to that of female managers?

Ans
✗ 1. $11 : 20$
✗ 2. $5 : 3$
✔ 3. $2 : 1$
✗ 4. $15 : 11$

Question ID : **94891115519**
Option 1 ID : **94891162076**
Option 2 ID : **94891162075**
Option 3 ID : **94891162073**
Option 4 ID : **94891162074**
Status : **Answered**
Chosen Option : **3**

Q.87 The distribution of employees in a factory is shown in the following table. Study the table carefully and answer the question that follows.

Year	Manager		Supervisor		Technician	
	Male	Female	Male	Female	Male	Female
2015	17	18	26	34	234	121
2016	18	20	32	36	241	153
2017	20	20	24	41	232	238
2018	24	22	31	38	249	236
2019	31	20	37	51	244	252

What was the percentage increase in the total number of employees from the year 2016 to 2018?

Ans
✗ 1. 15%
✔ 2. 20%
✗ 3. 30%
✗ 4. 25%

Question ID : **94891115520**
Option 1 ID : **94891162080**
Option 2 ID : **94891162079**
Option 3 ID : **94891162078**
Option 4 ID : **94891162077**
Status : **Answered**
Chosen Option : **2**

Q.88 The distribution of employees in a factory is shown in the following table. Study the table carefully and answer the question that follows.

Year	Manager		Supervisor		Technician	
	Male	Female	Male	Female	Male	Female
2015	17	18	26	34	234	121
2016	18	20	32	36	241	153
2017	20	20	24	41	232	238
2018	24	22	31	38	249	236
2019	31	20	37	51	244	252

In which 2 years was the total number of female employees more than that of the male employees?

Ans ✗ 1. 2015 and 2018

✔ 2. 2017 and 2019

✗ 3. 2015 and 2016

✗ 4. 2016 and 2018

Question ID : **94891115521**
Option 1 ID : **94891162084**
Option 2 ID : **94891162082**
Option 3 ID : **94891162083**
Option 4 ID : **94891162081**
Status : **Not Attempted and Marked For Review**
Chosen Option : --

Q.89 The distribution of employees in a factory is shown in the following table. Study the table carefully and answer the question that follows.

Year	Manager		Supervisor		Technician	
	Male	Female	Male	Female	Male	Female
2015	17	18	26	34	234	121
2016	18	20	32	36	241	153
2017	20	20	24	41	232	238
2018	24	22	31	38	249	236
2019	31	20	37	51	244	252

In which of the following years was the percentage increase in the total number of employees the maximum as compared to the year preceding it?

Ans ✗ 1. 2019

✗ 2. 2018

✗ 3. 2016

✔ 4. 2017

Question ID : **94891115522**
Option 1 ID : **94891162086**
Option 2 ID : **94891162085**
Option 3 ID : **94891162087**
Option 4 ID : **94891162088**
Status : **Not Attempted and Marked For Review**
Chosen Option : --

Q.90 Two students, A and B, are returning home from their school. They start walking from the same point P. A walks 2 km north, turns to his left and then walks 9 km to reach his home. From point P, B walks 7 km east, turns south and walks 6 km, and then turns to his left and walks 2 km to reach his house. In which direction is B's house situated with respect to A's house?

Ans ✗ 1. North-west

✔ 2. South-east

✗ 3. South-west

✗ 4. North-east

Question ID : **94891115524**
Option 1 ID : **94891162093**
Option 2 ID : **94891162095**
Option 3 ID : **94891162094**
Option 4 ID : **94891162096**
Status : **Answered**
Chosen Option : **2**

Q.91 'A ÷ B' means 'A is the daughter of B'.

'A × B' means 'A is the husband of B'.

'A − B' means 'A is the mother of B'.

'A + B' means 'A is the brother of B'.

If 'U − V ÷ W + Y × Z', then how is Z related to V?

Ans ✗ 1. Mother's brother's wife

✔ 2. Father's brother's wife

✗ 3. Mother's sister

✗ 4. Daughter

Question ID : **94891115505**
Option 1 ID : **94891162017**
Option 2 ID : **94891162019**
Option 3 ID : **94891162020**
Option 4 ID : **94891162018**
Status : **Answered**
Chosen Option : **2**

Q.92 Select the option in which the two words share a different relationship from that shared by the two words in the rest of the options.

Ans

✗ 1. Shoreline : Sea

✗ 2. Wall : Room

✔ 3. Bridge : Steel

✗ 4. Border : Country

Question ID : **94891115530**
Option 1 ID : **94891162120**
Option 2 ID : **94891162119**
Option 3 ID : **94891162118**
Option 4 ID : **94891162117**
Status : **Answered**
Chosen Option : **3**

Q.93 Which two signs should be interchanged to make the following equation correct?

$17 \div 65 \times 13 + 11 - 10 = 86$

Ans

✔ 1. ÷ and ×

✗ 2. + and −

✗ 3. − and ÷

✗ 4. × and +

Question ID : **94891115506**
Option 1 ID : **94891162022**
Option 2 ID : **94891162023**
Option 3 ID : **94891162024**
Option 4 ID : **94891162021**
Status : **Answered**
Chosen Option : **1**

Q.94 Six friends – Mansi, Manish, Shreya, Pankaj, Shagun and Sakshi – are sitting around a circular table facing the centre. Mansi is to the immediate left of Manish. Sakshi is between Shagun and Shreya.

Only two people sit between Manish and Shagun.

Who is to the immediate right of Manish?

Ans

✔ 1. Shreya

✗ 2. Sakshi

✗ 3. Pankaj

✗ 4. Shagun

Question ID : **94891115529**
Option 1 ID : **94891162113**
Option 2 ID : **94891162116**
Option 3 ID : **94891162115**
Option 4 ID : **94891162114**
Status : **Answered**
Chosen Option : **1**

Q.95 If 'P' means '×', 'Q' means '÷', 'R' means '+' and 'S' means '−', then what will be the value of the following expression?

32R16Q8S3P2

Ans ✗ 1. 24

✗ 2. 0

✗ 3. 6

✔ 4. 28

Question ID : **94891115525**
Option 1 ID : **94891162100**
Option 2 ID : **94891162097**
Option 3 ID : **94891162099**
Option 4 ID : **94891162098**
Status : **Answered**
Chosen Option : **4**

Q.96 Select the number from among the given options that can replace the question mark (?) in the following series.

789, 267, 93, ?

Ans ✗ 1. 39

✔ 2. 35

✗ 3. 27

✗ 4. 31

Question ID : **94891115511**
Option 1 ID : **94891162044**
Option 2 ID : **94891162043**
Option 3 ID : **94891162041**
Option 4 ID : **94891162042**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.97 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follows from the statements.

Statements:

Some toffees are candies.

All candies are lollipops.

Conclusions:

I. No lollipop is a toffee.

II. Some lollipops are candies.

Ans   ✗ 1. Either conclusion I or II follows.

✗ 2. Only conclusion I follows.

✗ 3. Neither conclusion I nor II follows.

✔ 4. Only conclusion II follows.

Q.98 In a certain code language, if ARCHITECT is coded as 32051011227522, then how will MANAGER be coded as in the same language?

Ans   ✔ 1. 1531639720

✗ 2. 1531537918

✗ 3. 1311473718

✗ 4. 1311963720

Q.99 In the following number pairs, the first number is related to the second number by a certain logic.

11 : 131

17 : 305

23 : 551

Which of the given options follows the same logic?

Ans   ✗ 1. 31 : 961

      ✗ 2. 33 : 1099

      ✗ 3. 27 : 756

      ✔ 4. 29 : 869

Q.100 Study the given diagram and answer the question that follows. The numbers in the diagram represent the counts in that particular category.
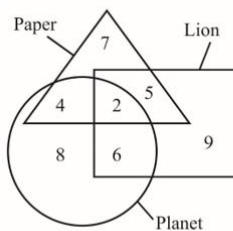
How many planets are both papers and lions?

Ans   ✗ 1. 5

      ✗ 2. 4

      ✗ 3. 7

      ✔ 4. 2