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	Gandhi Institute For Technological Advancement
Test Date	04/01/2021
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 24 mango trees, 56 apple trees and 72 orange trees have to be planted in rows such that each row contains the same number of trees of one variety only. Find the minimum number of rows in which the above mentioned trees may be planted.

Ans
✔ 1. 19
✘ 2. 17
✘ 3. 18
✘ 4. 15

Question ID : **948911748**
Option 1 ID : **9489112991**
Option 2 ID : **9489112990**
Option 3 ID : **9489112989**
Option 4 ID : **9489112992**
Status : **Answered**
Chosen Option : **1**

Q.2 Who founded the Muhammdan Anglo-Oriental college in 1875 which later became Aligarh Muslim University?

Ans

✔ 1. Syed Ahmed Khan

✘ 2. Zakir Hussain

✘ 3. Maulana Abul Kalam Azad

✘ 4. Mohammad Ali Jinna

Question ID : **948911521**
Option 1 ID : **9489112082**
Option 2 ID : **9489112083**
Option 3 ID : **9489112084**
Option 4 ID : **9489112081**
Status : **Answered**
Chosen Option : **1**

Q.3 The sum of two numbers is 288 and their HCF is 16. How many pairs of such numbers can be formed?

Ans

✔ 1. 3

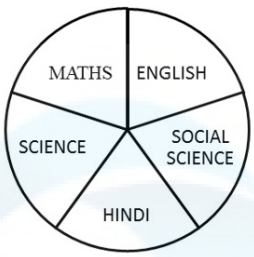
✘ 2. 5

✘ 3. 4

✘ 4. 2

Question ID : **948911749**
Option 1 ID : **9489112993**
Option 2 ID : **9489112995**
Option 3 ID : **9489112994**
Option 4 ID : **9489112996**
Status : **Answered**
Chosen Option : **1**

Q.4 Observe the figure given and answer the question below.



If the total number of students is 120, and the number of students is distributed equally across all the subjects, how many students study languages?

Ans

✗ 1. 36

✗ 2. 12

✗ 3. 24

✓ 4. 48

Question ID : **9489111089**
Option 1 ID : **9489114355**
Option 2 ID : **9489114353**
Option 3 ID : **9489114354**
Option 4 ID : **9489114356**
Status : **Answered**
Chosen Option : **4**

Q.5 Which of the following bodies recommends minimum support price for crops?

Ans

✗ 1. NITI Ayog

✗ 2. FCI

✗ 3. NABARD

✓ 4. CACP

Question ID : **948911542**
Option 1 ID : **9489112165**
Option 2 ID : **9489112167**
Option 3 ID : **9489112168**
Option 4 ID : **9489112166**
Status : **Answered**
Chosen Option : **4**

Q.6 What is the term of Non- permanent members of UN Security council?

Ans

✗ 1. 5 years

✓ 2. 2 years

✗ 3. 4 years

✗ 4. 3 years

Question ID : **948911534**
Option 1 ID : **9489112136**
Option 2 ID : **9489112135**
Option 3 ID : **9489112134**
Option 4 ID : **9489112133**
Status : **Answered**
Chosen Option : **2**

Q.7 Select the option that is related to the third term in the same way as the second term is related to the first term.

Virus : Disease :: Exercise : ?

Ans

✗ 1. Walking

✗ 2. Jogging

✗ 3. Cycling

✓ 4. Health

Question ID : **9489111074**
Option 1 ID : **9489114294**
Option 2 ID : **9489114293**
Option 3 ID : **9489114295**
Option 4 ID : **9489114296**
Status : **Answered**
Chosen Option : **4**

Q.8 When was Gandhi Smriti and Darshan Samiti (GSDS) formed?

Ans

✗ 1. September1985

✗ 2. September 1987

✓ 3. September 1984

✗ 4. September 1986

Question ID : **948911508**
Option 1 ID : **9489112031**
Option 2 ID : **9489112029**
Option 3 ID : **9489112030**
Option 4 ID : **9489112032**
Status : **Not Answered**
Chosen Option : **--**

Q.9 The Southern most tip of Indian territory is _____

Ans

✗ 1. Cape Comorin

✗ 2. Kanyakumari

✗ 3. Karondi

✓ 4. Indira Point

Question ID : **948911524**
Option 1 ID : **9489112094**
Option 2 ID : **9489112095**
Option 3 ID : **9489112093**
Option 4 ID : **9489112096**
Status : **Answered**
Chosen Option : **4**

Q.10 The English Language continued to be used for official purposes of the Union via section 3 of the Official Language Act which came into force in the year :

Ans

✗ 1. 1963

✓ 2. 1965

✗ 3. 1970

✗ 4. 1960

Question ID : **948911527**
Option 1 ID : **9489112107**
Option 2 ID : **9489112106**
Option 3 ID : **9489112108**
Option 4 ID : **9489112105**
Status : **Not Answered**
Chosen Option : **--**

Q.11 As of 2020, the only person who has received the Nobel prize for physics twice is:

Ans

✓ 1. John Bardeen

✗ 2. Lawrence Bragg

✗ 3. Arthur Ashkin

✗ 4. Marie Curie

Question ID : **948911504**
Option 1 ID : **9489112015**
Option 2 ID : **9489112016**
Option 3 ID : **9489112013**
Option 4 ID : **9489112014**
Status : **Answered**
Chosen Option : **2**

Q.12 Inventor of Bluetooth is _____.

Ans

✗ 1. Charles Simonyi

✗ 2. Bill gates

✗ 3. Paul Allen

✓ 4. Jaap Haartsen

Question ID : **948911538**
Option 1 ID : **9489112152**
Option 2 ID : **9489112149**
Option 3 ID : **9489112151**
Option 4 ID : **9489112150**
Status : **Answered**
Chosen Option : **4**

Q.13 Second Vande Bharat Express is running between _____

Ans

✗ 1. New Delhi to Lucknow

✗ 2. New Delhi to Kanpur

✗ 3. New Delhi to Mumbai

✓ 4. New Delhi to Katra

Question ID : **948911540**
Option 1 ID : **9489112158**
Option 2 ID : **9489112157**
Option 3 ID : **9489112160**
Option 4 ID : **9489112159**
Status : **Answered**
Chosen Option : **3**

Q.14 How many members are nominated by the President of India in the Lok Sabha from the Anglo-Indian community?

Ans

✗ 1. 3

✗ 2. 6

✓ 3. 2

✗ 4. 4

Question ID : **948911543**
Option 1 ID : **9489112171**
Option 2 ID : **9489112172**
Option 3 ID : **9489112169**
Option 4 ID : **9489112170**
Status : **Answered**
Chosen Option : **3**

Q.15 Which of the following gases is a noble gas?

Ans
- ✗ 1. Fluorine
- ✗ 2. Nitrogen
- ✗ 3. Oxygen
- ✓ 4. Argon

Question ID : **948911512**
Option 1 ID : **9489112048**
Option 2 ID : **9489112047**
Option 3 ID : **9489112046**
Option 4 ID : **9489112045**
Status : **Answered**
Chosen Option : **4**

Q.16 By default, how many worksheets are present in work book of Excel MS Office- 2010?

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

Question ID : **948911537**
Option 1 ID : **9489112145**
Option 2 ID : **9489112148**
Option 3 ID : **9489112146**
Option 4 ID : **9489112147**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Currently, how many languages are listed in the eighth schedule of the Constitution?

Ans
- ✗ 1. 20
- ✓ 2. 22
- ✗ 3. 24
- ✗ 4. 21

Question ID : **948911528**
Option 1 ID : **9489112112**
Option 2 ID : **9489112110**
Option 3 ID : **9489112111**
Option 4 ID : **9489112109**
Status : **Answered**
Chosen Option : **2**

Q.18 Driving his car at the speed of 30 km/h Vinod reaches his office 5 min late. If his speed is 40 km/h, he reaches the office 3 min early. Find the distance he travels between his residence and his office.

Ans

✔ 1. 16 km

✘ 2. 20 km

✘ 3. 15 km

✘ 4. 18 km

Question ID : **948911762**
Option 1 ID : **9489113046**
Option 2 ID : **9489113047**
Option 3 ID : **9489113048**
Option 4 ID : **9489113045**
Status : **Answered**
Chosen Option : **1**

Q.19 ABC is a right-angled triangle. A circle is inscribed in it. The length of the two sides containing the right angle are 10 cm and 24 cm. Find the radius of the circle.

Ans

✘ 1. 5 cm

✘ 2. 3 cm

✘ 3. 2 cm

✔ 4. 4 cm

Question ID : **948911769**
Option 1 ID : **9489113076**
Option 2 ID : **9489113075**
Option 3 ID : **9489113074**
Option 4 ID : **9489113073**
Status : **Not Answered**
Chosen Option : **--**

Q.20 When was the Atomic Energy amendment bill passed by parliament to allow joint ventures between public sector undertakings in nuclear power generation?

Ans

✘ 1. 2014

✘ 2. 2012

✘ 3. 2010

✔ 4. 2015

Question ID : **948911532**
Option 1 ID : **9489112127**
Option 2 ID : **9489112126**
Option 3 ID : **9489112125**
Option 4 ID : **9489112128**
Status : **Answered**
Chosen Option : **4**

Q.21 Which is the fat-storing tissue in our body?

Ans

✗ 1. Areolar tissue

✓ 2. Adipose tissue

✗ 3. Vascular tissue

✗ 4. Epithelial tissue

Question ID : **948911513**
Option 1 ID : **9489112049**
Option 2 ID : **9489112050**
Option 3 ID : **9489112051**
Option 4 ID : **9489112052**
Status : **Answered**
Chosen Option : **2**

Q.22 Which acid is present in the ant sting?

Ans

✗ 1. Acetic acid

✓ 2. Methanoic acid

✗ 3. Tartaric acid

✗ 4. Lactic acid

Question ID : **948911511**
Option 1 ID : **9489112042**
Option 2 ID : **9489112044**
Option 3 ID : **9489112041**
Option 4 ID : **9489112043**
Status : **Answered**
Chosen Option : **2**

Q.23 A rhombus has one of its diagonal 65% of the other. A square is drawn using the longer diagonal as side. What will be the ratio of the area of the rhombus to that of the square?

Ans

✗ 1. 18 : 15

✓ 2. 13 : 40

✗ 3. 15 : 18

✗ 4. 40 : 13

Question ID : **948911765**
Option 1 ID : **9489113060**
Option 2 ID : **9489113057**
Option 3 ID : **9489113059**
Option 4 ID : **9489113058**
Status : **Answered**
Chosen Option : **2**

Q.24 In an isosceles triangle ABC, if AB = AC = 26 cm and BC = 20 cm, find the area of triangle ABC.

Ans

✗ 1. $260\ cm^2$

✓ 2. $240\ cm^2$

✗ 3. $220\ cm^2$

✗ 4. $180\ cm^2$

Question ID : **948911768**
Option 1 ID : **9489113072**
Option 2 ID : **9489113069**
Option 3 ID : **9489113070**
Option 4 ID : **9489113071**
Status : **Answered**
Chosen Option : **2**

Q.25 The average weight of P, Q and R is 58 kg. If the average weight of P and Q is 54 kg and that of Q and R is 48 kg, then the weight of Q is:

Ans

✗ 1. 26 kg

✗ 2. 32 kg

✓ 3. 30 kg

✗ 4. 28 kg

Question ID : **948911772**
Option 1 ID : **9489113088**
Option 2 ID : **9489113086**
Option 3 ID : **9489113085**
Option 4 ID : **9489113087**
Status : **Answered**
Chosen Option : **3**

Q.26 Find the smallest number by which 35280 must be divided so that the quotient is a perfect square.

Ans

✓ 1. 5

✗ 2. 7

✗ 3. 3

✗ 4. 4

Question ID : **948911750**
Option 1 ID : **9489113000**
Option 2 ID : **9489112997**
Option 3 ID : **9489112998**
Option 4 ID : **9489112999**
Status : **Answered**
Chosen Option : **1**

Q.27 Where was the first British presidency established in India?

Ans
✔ 1. Surat
✘ 2. Goa
✘ 3. Kolkata
✘ 4. Mumbai

Question ID : **948911518**
Option 1 ID : **9489112072**
Option 2 ID : **9489112071**
Option 3 ID : **9489112070**
Option 4 ID : **9489112069**
Status : **Answered**
Chosen Option : **1**

Q.28 A number is first decreased by 20% and then increased by 15%. The number so obtained is 64 less than the original number. The original number is:

Ans
✔ 1. 800
✘ 2. 850
✘ 3. 600
✘ 4. 700

Question ID : **948911757**
Option 1 ID : **9489113026**
Option 2 ID : **9489113025**
Option 3 ID : **9489113028**
Option 4 ID : **9489113027**
Status : **Answered**
Chosen Option : **1**

Q.29 Where is the Sambhar Lake situated?

Ans
✘ 1. Gujarat
✔ 2. Rajasthan
✘ 3. Madhya Pradesh
✘ 4. Uttar Pradesh

Question ID : **948911525**
Option 1 ID : **9489112097**
Option 2 ID : **9489112098**
Option 3 ID : **9489112099**
Option 4 ID : **9489112100**
Status : **Answered**
Chosen Option : **2**

Q.30 Who is considered the father of white revolution in India?

Ans

✗ 1. Arun Krishnan

✓ 2. Verghese Kurien

✗ 3. Indira Gandhi

✗ 4. MS Swaminathan

Question ID : **948911505**
Option 1 ID : **9489112018**
Option 2 ID : **9489112019**
Option 3 ID : **9489112017**
Option 4 ID : **9489112020**
Status : **Answered**
Chosen Option : **2**

Q.31 Select the assumption that can be drawn from the given statement.

'Doctors who charge high consultation fees are good'.

Ans

✗ 1. The doctor is a good practitioner.

✗ 2. A doctor who charges less consultation fee is unpopular.

✓ 3. A doctor's proficiency is directly related to consultation fees.

✗ 4. The doctor has many patients.

Question ID : **9489111082**
Option 1 ID : **9489114325**
Option 2 ID : **9489114328**
Option 3 ID : **9489114327**
Option 4 ID : **9489114326**
Status : **Answered**
Chosen Option : **1**

Q.32 If 'all philosophers are rationalists' and 'Socrates is a philosopher', then which of the given conclusions follow?

Ans

✗ 1. All rationalists are philosophers.

✗ 2. No philosophers are rationalists.

✗ 3. Socrates is not a rationalist.

✓ 4. Socrates is a rationalist.

Question ID : **9489111077**
Option 1 ID : **9489114305**
Option 2 ID : **9489114307**
Option 3 ID : **9489114308**
Option 4 ID : **9489114306**
Status : **Answered**
Chosen Option : **4**

Q.33 Taxol is extracted from which plant?

Ans
✗ 1. Chir
✗ 2. Neem
✗ 3. Pine
✓ 4. Yew

Question ID : **948911515**
Option 1 ID : **9489112059**
Option 2 ID : **9489112058**
Option 3 ID : **9489112060**
Option 4 ID : **9489112057**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.34 Find the value of $\tan 15^\circ + \cot 15^\circ$

Ans
✓ 1. 4
✗ 2. 6
✗ 3. 8
✗ 4. 2

Question ID : **948911771**
Option 1 ID : **9489113081**
Option 2 ID : **9489113084**
Option 3 ID : **9489113082**
Option 4 ID : **9489113083**
Status : **Answered**
Chosen Option : **1**

Q.35 When was the first Passenger train run in India?

Ans
✗ 1. 1856
✗ 2. 1857
✓ 3. 1853
✗ 4. 1854

Question ID : **948911523**
Option 1 ID : **9489112091**
Option 2 ID : **9489112092**
Option 3 ID : **9489112090**
Option 4 ID : **9489112089**
Status : **Answered**
Chosen Option : **3**

Q.36 The Buland Darwaza at Fatehpur Sikri was erected by Akbar to celebrate his conquest of _____.

Ans

✗ 1. Bengal

✗ 2. Mewar

✗ 3. Kashmir

✓ 4. Gujarat

Question ID : **948911509**
Option 1 ID : **9489112036**
Option 2 ID : **9489112035**
Option 3 ID : **9489112034**
Option 4 ID : **9489112033**
Status : **Answered**
Chosen Option : **4**

Q.37 As of November 2020, how many nuclear power reactors are operating in India?

Ans

✗ 1. 21

✗ 2. 23

✓ 3. 22

✗ 4. 20

Question ID : **948911531**
Option 1 ID : **9489112122**
Option 2 ID : **9489112124**
Option 3 ID : **9489112123**
Option 4 ID : **9489112121**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.38 In which year was the construction of Jama Masjid of Delhi completed?

Ans

✗ 1. 1652

✗ 2. 1653

✗ 3. 1655

✓ 4. 1656

Question ID : **948911520**
Option 1 ID : **9489112078**
Option 2 ID : **9489112077**
Option 3 ID : **9489112079**
Option 4 ID : **9489112080**
Status : **Not Answered**
Chosen Option : **--**

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

Hospital : Health :: School : ?

Ans

✗ 1. Economy

✗ 2. Society

✓ 3. Education

✗ 4. Books

Question ID : **9489111075**
Option 1 ID : **9489114298**
Option 2 ID : **9489114300**
Option 3 ID : **9489114299**
Option 4 ID : **9489114297**
Status : **Answered**
Chosen Option : **3**

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

156, 182, 210, ?

Ans

✓ 1. 240

✗ 2. 236

✗ 3. 202

✗ 4. 210

Question ID : **9489111086**
Option 1 ID : **9489114342**
Option 2 ID : **9489114341**
Option 3 ID : **9489114344**
Option 4 ID : **9489114343**
Status : **Answered**
Chosen Option : **1**

Q.41 20 men and 15 boys can do a piece of work in 10 days. 25 men and 10 boys can do it in 9 days. Find the ratio of the daily work done by a man to that of a boy.

Ans

✗ 1. 14 : 5

✗ 2. 5 : 12

✓ 3. 12 : 5

✗ 4. 5 : 14

Question ID : **948911761**
Option 1 ID : **9489113041**
Option 2 ID : **9489113044**
Option 3 ID : **9489113043**
Option 4 ID : **9489113042**
Status : **Answered**
Chosen Option : **3**

Q.42 E is older than C. D is older than C but younger than E. A is younger than B and C. C is older than B. Who is the youngest?

Ans

✔ 1. A

✘ 2. C

✘ 3. B

✘ 4. D

Question ID : **9489111099**
Option 1 ID : **9489114394**
Option 2 ID : **9489114393**
Option 3 ID : **9489114396**
Option 4 ID : **9489114395**
Status : **Answered**
Chosen Option : **1**

Q.43 Observe the table and answer the question below.

The table gives the pass percentage of class X students of five government schools in Delhi on the basis of gender.

School	Pass Percentage	Ratio of boys and girls
A	35	5:6
B	32	3:5
C	24	1:2
D	19	3:2
E	15	5:3

What is the ratio of the pass percentage of boys of school B to the pass percentage of boys of school C?

Ans

✔ 1. 3 : 2

✘ 2. 3 : 5

✘ 3. 2 : 3

✘ 4. 5 : 3

Question ID : **9489111092**
Option 1 ID : **9489114368**
Option 2 ID : **9489114366**
Option 3 ID : **9489114365**
Option 4 ID : **9489114367**
Status : **Answered**
Chosen Option : **1**

Q.44 By selling a car for ₹1,20,000, David makes a profit of 20%. What will be the selling price of the car if he sells it at 30% profit?

Ans

✗ 1. ₹1,35,000

✗ 2. ₹1,25,000

✗ 3. ₹1,40,000

✓ 4. ₹1,30,000

Question ID : **948911756**
Option 1 ID : **9489113023**
Option 2 ID : **9489113022**
Option 3 ID : **9489113024**
Option 4 ID : **9489113021**
Status : **Answered**
Chosen Option : **4**

Q.45 A few lead spheres of diameter 6 cm are dropped into a cylindrical beaker containing some water such that they are fully submerged. If the diameter of the beaker is 9 cm and the water level has risen by 32 cm, find the number of lead spheres dropped into the beaker.

Ans

✓ 1. 18

✗ 2. 15

✗ 3. 16

✗ 4. 14

Question ID : **948911764**
Option 1 ID : **9489113053**
Option 2 ID : **9489113054**
Option 3 ID : **9489113055**
Option 4 ID : **9489113056**
Status : **Not Answered**
Chosen Option : **--**

Q.46 GSAT-31 is an/a _____

Ans

✗ 1. Navigational Satellite

✗ 2. Polar Satellite

✓ 3. Telecommunication Satellite

✗ 4. Experimental Satellite

Question ID : **948911530**
Option 1 ID : **9489112120**
Option 2 ID : **9489112119**
Option 3 ID : **9489112118**
Option 4 ID : **9489112117**
Status : **Answered**
Chosen Option : **3**

Q.47 As on Nov, 2020, where is India's newest high court built?

Ans

✔ 1. Amravati

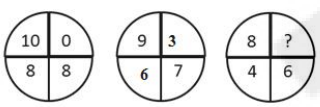
✘ 2. Warangal

✘ 3. Vishakhapatnam

✘ 4. Nellore

Question ID : **948911529**
Option 1 ID : **9489112114**
Option 2 ID : **9489112116**
Option 3 ID : **9489112113**
Option 4 ID : **9489112115**
Status : **Answered**
Chosen Option : **1**

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



Ans

✘ 1. 7

✘ 2. 9

✔ 3. 8

✘ 4. 5

Question ID : **9489111100**
Option 1 ID : **9489114397**
Option 2 ID : **9489114400**
Option 3 ID : **9489114398**
Option 4 ID : **9489114399**
Status : **Answered**
Chosen Option : **3**

Q.49 In Telecom field, ISP stands for:

Ans

✘ 1. Internet Speed Provider

✘ 2. Internet Speed Protocol

✘ 3. Internet Service Protocol

✔ 4. Internet Service Provider

Question ID : **948911536**
Option 1 ID : **9489112144**
Option 2 ID : **9489112142**
Option 3 ID : **9489112141**
Option 4 ID : **9489112143**
Status : **Answered**
Chosen Option : **4**

Q.50 Simplify.

$$15 - 6.3 \div 7 + 3 \times 1.3 - 2$$

Ans

✗ 1. 19

✗ 2. 17

✓ 3. 16

✗ 4. 18

Question ID : **948911744**
Option 1 ID : **9489112975**
Option 2 ID : **9489112976**
Option 3 ID : **9489112973**
Option 4 ID : **9489112974**
Status : **Answered**
Chosen Option : **3**

Q.51 When was Reserve Bank of India established?

Ans

✗ 1. April' 1936

✗ 2. April' 1948

✗ 3. April' 1945

✓ 4. April' 1935

Question ID : **948911535**
Option 1 ID : **9489112138**
Option 2 ID : **9489112140**
Option 3 ID : **9489112139**
Option 4 ID : **9489112137**
Status : **Answered**
Chosen Option : **4**

Q.52 Which city was the cleanest city of India (in category Cities>10 Lakh) as per Swachh Survekshan 2020?

Ans

✗ 1. Jaipur

✓ 2. Indore

✗ 3. Bhopal

✗ 4. Chandigarh

Question ID : **948911541**
Option 1 ID : **9489112164**
Option 2 ID : **9489112162**
Option 3 ID : **9489112163**
Option 4 ID : **9489112161**
Status : **Answered**
Chosen Option : **2**

Q.53 What is the other name of Newton's first law of motion?

Ans
✔ 1. Law of inertia
✘ 2. Law of movement
✘ 3. Law of momentum
✘ 4. Law of displacement

Question ID : **948911514**
Option 1 ID : **9489112054**
Option 2 ID : **9489112055**
Option 3 ID : **9489112053**
Option 4 ID : **9489112056**
Status : **Answered**
Chosen Option : **1**

Q.54 What was the sex ratio of India as per 2011 census?

Ans
✔ 1. 940
✘ 2. 930
✘ 3. 960
✘ 4. 925

Question ID : **948911522**
Option 1 ID : **9489112087**
Option 2 ID : **9489112086**
Option 3 ID : **9489112088**
Option 4 ID : **9489112085**
Status : **Answered**
Chosen Option : **4**

Q.55 If x and y are two positive numbers such that

$\sqrt{x} = 8$ and $x^2 + y = 4112$, then find the value of $\sqrt{y}$.

Ans
✘ 1. 6
✘ 2. 16
✘ 3. 2
✔ 4. 4

Question ID : **948911751**
Option 1 ID : **9489113004**
Option 2 ID : **9489113001**
Option 3 ID : **9489113003**
Option 4 ID : **9489113002**
Status : **Answered**
Chosen Option : **4**

Q.56 Simplify.

$$17 - 4 \times (5.4 \div 9) + 6 \times 1.9$$

Ans

✗ 1. 28

✗ 2. 22

✓ 3. 26

✗ 4. 24

Question ID : **948911745**
Option 1 ID : **9489112979**
Option 2 ID : **9489112980**
Option 3 ID : **9489112978**
Option 4 ID : **9489112977**
Status : **Answered**
Chosen Option : **3**

Q.57 Simplify.

$$25 \div 10 - \left\{\frac{7}{4} \times \frac{1}{3}\right\} \times \frac{6}{5} + \frac{14}{3} \times \frac{9}{10} - \left\{\frac{1}{5} \div \frac{1}{25}\right\}$$

Ans

✓ 1. 1

✗ 2. 10

✗ 3. 5

✗ 4. 11

Question ID : **948911746**
Option 1 ID : **9489112983**
Option 2 ID : **9489112984**
Option 3 ID : **9489112981**
Option 4 ID : **9489112982**
Status : **Answered**
Chosen Option : **1**

Q.58 Eight people are sitting at a square table. Tina is sitting opposite Urmila, who is sitting between Sharda and Nita. Sharda is diagonally opposite Priya, who is sitting to the right of Vijaya. Vijaya is facing Madhu, who is to the right of Rita. Who is sitting diagonally opposite Nita?

Ans

✗ 1. Priya

✓ 2. Rita

✗ 3. Madhu

✗ 4. Sharda

Question ID : **9489111103**
Option 1 ID : **9489114412**
Option 2 ID : **9489114411**
Option 3 ID : **9489114409**
Option 4 ID : **9489114410**
Status : **Answered**
Chosen Option : **2**

Q.59 Eminent Social reformer and Women's education activist Pandita Ramabai Sarasvati was a great scholar of _____.

Ans

✗ 1. English

✗ 2. Marathi

✗ 3. Hindi

✓ 4. Sanskrit

Question ID : **948911517**
Option 1 ID : **9489112068**
Option 2 ID : **9489112066**
Option 3 ID : **9489112065**
Option 4 ID : **9489112067**
Status : **Answered**
Chosen Option : **4**

Q.60 Where is the headquarters of UNICEF situated?

Ans

✗ 1. Zurich

✓ 2. New York

✗ 3. Paris

✗ 4. Washington DC

Question ID : **948911533**
Option 1 ID : **9489112131**
Option 2 ID : **9489112129**
Option 3 ID : **9489112132**
Option 4 ID : **9489112130**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.61 When the integer n is divided by 9, the remainder is 4. What is the remainder if 12n is divided by 9?

Ans

✗ 1. 5

✓ 2. 3

✗ 3. 4

✗ 4. 2

Question ID : **948911753**
Option 1 ID : **9489113009**
Option 2 ID : **9489113010**
Option 3 ID : **9489113011**
Option 4 ID : **9489113012**
Status : **Answered**
Chosen Option : **2**

Q.62 The ratio of the incomes of Amar and Komal is 5 : 4 and the ratio of their expenditure is 2 : 1. If each of them saves ₹6,000 per month, find Amar's income.

Ans

✔ 1. ₹10,000

✘ 2. ₹6,000

✘ 3. ₹12,000

✘ 4. ₹8,000

Question ID : **948911754**
Option 1 ID : **9489113013**
Option 2 ID : **9489113015**
Option 3 ID : **9489113016**
Option 4 ID : **9489113014**
Status : **Answered**
Chosen Option : **1**

Q.63 If $\sec\theta = 5x$ and $\tan\theta = \frac{5}{x}$, then the value of $10\left(x^2 - \frac{1}{x^2}\right)$ is:

Ans

✘ 1. 2

✔ 2. $\frac{2}{5}$

✘ 3. $\frac{1}{5}$

✘ 4. $\frac{3}{5}$

Question ID : **948911770**
Option 1 ID : **9489113078**
Option 2 ID : **9489113077**
Option 3 ID : **9489113079**
Option 4 ID : **9489113080**
Status : **Answered**
Chosen Option : **2**

Q.64 Select the alphanumeric cluster from among the given options that can replace the question mark (?) in the following series.

D4C3B2A1, H8G7F6E5, L12K11J10I9, ?

Ans

✘ 1. Q17P16O15N14

✘ 2. M15N16O17P18

✔ 3. P16O15N14M13

✘ 4. P16R15S14T13

Question ID : **9489111085**
Option 1 ID : **9489114339**
Option 2 ID : **9489114337**
Option 3 ID : **9489114340**
Option 4 ID : **9489114338**
Status : **Answered**
Chosen Option : **3**

Q.65 Find the sum of the numbers between 400 and 500 such that when 8, 12, and 16 divide them, it leaves 5 as remainder in each case.

Ans

✗ 1. 932

✓ 2. 922

✗ 3. 942

✗ 4. 912

Question ID : **948911747**
Option 1 ID : **9489112986**
Option 2 ID : **9489112988**
Option 3 ID : **9489112985**
Option 4 ID : **9489112987**
Status : **Answered**
Chosen Option : **2**

Q.66 Who has written the narrative history 'India after Gandhi'?

Ans

✗ 1. Rupa Bajwa

✗ 2. Malathi Rao

✗ 3. Arundhati Roy

✓ 4. Ramachandra Guha

Question ID : **948911510**
Option 1 ID : **9489112040**
Option 2 ID : **9489112037**
Option 3 ID : **9489112039**
Option 4 ID : **9489112038**
Status : **Answered**
Chosen Option : **4**

Q.67 For every 18 eggs that Noori buys, three eggs turn out to be rotten. At the same rate, how many good eggs will Noori have if she buys 690 eggs?

Ans

✗ 1. 585

✗ 2. 475

✓ 3. 575

✗ 4. 565

Question ID : **948911755**
Option 1 ID : **9489113020**
Option 2 ID : **9489113019**
Option 3 ID : **9489113018**
Option 4 ID : **9489113017**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.68 If $x + x^{-1} = 7$, then find the value of $x^3 + x^{-3}$.

Ans

✗ 1. 312

✗ 2. 332

✓ 3. 322

✗ 4. 342

Question ID : **948911767**
Option 1 ID : **9489113065**
Option 2 ID : **9489113067**
Option 3 ID : **9489113066**
Option 4 ID : **9489113068**
Status : **Answered**
Chosen Option : **3**

Q.69 Find the rate of interest for a sum that becomes $\frac{14641}{10000}$ times of itself in 4 years compounded annually.

Ans

✗ 1. 15%

✗ 2. 12%

✗ 3. 20%

✓ 4. 10%

Question ID : **948911759**
Option 1 ID : **9489113034**
Option 2 ID : **9489113035**
Option 3 ID : **9489113036**
Option 4 ID : **9489113033**
Status : **Answered**
Chosen Option : **4**

Q.70 Who has won the Nine Dots Prize Award 2019?

Ans

✓ 1. Annie Zaidi

✗ 2. Chetan Bhagat

✗ 3. Sandeep Maheshwari

✗ 4. James Williams

Question ID : **948911507**
Option 1 ID : **9489112028**
Option 2 ID : **9489112025**
Option 3 ID : **9489112026**
Option 4 ID : **9489112027**
Status : **Not Answered**
Chosen Option : **--**

Q.71 As per Inland Waterways Authority of India, what is the approximate total length of navigable Inland waterways of India?

Ans

✗ 1. 12400 km

✗ 2. 15600 km

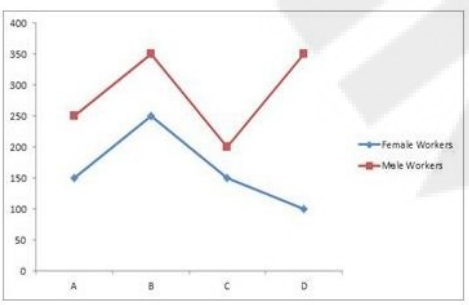
✗ 3. 13600 km

✓ 4. 14500 km

Question ID : **948911526**
Option 1 ID : **9489112104**
Option 2 ID : **9489112101**
Option 3 ID : **9489112102**
Option 4 ID : **9489112103**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.72 Observe the graph and answer the question below.

The graph represents the number of male and female workers in four different companies.



Which company has the maximum difference in the number of male and female employees?

Ans

✓ 1. D

✗ 2. C

✗ 3. A

✗ 4. B

Question ID : **9489111090**
Option 1 ID : **9489114357**
Option 2 ID : **9489114358**
Option 3 ID : **9489114359**
Option 4 ID : **9489114360**
Status : **Answered**
Chosen Option : **1**

Q.73 If 'A' represents 'subtraction', 'B' represents 'multiplication', 'C' represents 'division' and 'D' represents 'addition', then what is the value of (3 B 4 D 5 A 6) C 1?

Ans

✗ 1. 1

✗ 2. 0

✓ 3. 11

✗ 4. 10

Question ID : **9489111088**
Option 1 ID : **9489114349**
Option 2 ID : **9489114350**
Option 3 ID : **9489114351**
Option 4 ID : **9489114352**
Status : **Answered**
Chosen Option : **3**

Q.74 Ram Kumar bought two LED TV sets for ₹41,000. By selling one at a profit of 20% and the other at a loss of 15%, he found that the selling prices of both the TV sets are the same. Find his overall gain or loss.

Ans

✓ 1. ₹200 loss

✗ 2. ₹400 gain

✗ 3. ₹400 loss

✗ 4. ₹200 gain

Question ID : **948911760**
Option 1 ID : **9489113037**
Option 2 ID : **9489113040**
Option 3 ID : **9489113039**
Option 4 ID : **9489113038**
Status : **Not Answered**
Chosen Option : **--**

Q.75 If $a + b + c = 14, ab + bc + ca = 47$ and $abc = 15$ then find the value of $a^3 + b^3 + c^3$.

Ans

✗ 1. 845

✗ 2. 825

✗ 3. 835

✓ 4. 815

Question ID : **948911766**
Option 1 ID : **9489113064**
Option 2 ID : **9489113062**
Option 3 ID : **9489113063**
Option 4 ID : **9489113061**
Status : **Not Answered**
Chosen Option : **--**

Q.76 The Right to Free and Compulsory Education Act was passed by Parliament in the year _____

Ans

✗ 1. 2010

✗ 2. 2006

✓ 3. 2009

✗ 4. 2011

Question ID : **948911539**
Option 1 ID : **9489112155**
Option 2 ID : **9489112153**
Option 3 ID : **9489112154**
Option 4 ID : **9489112156**
Status : **Answered**
Chosen Option : **2**

Q.77 The law that permitted widows to remarry (Hindu Widows' Remarriage Act) was passed in the year:

Ans

✗ 1. 1854

✓ 2. 1856

✗ 3. 1855

✗ 4. 1858

Question ID : **948911519**
Option 1 ID : **9489112073**
Option 2 ID : **9489112074**
Option 3 ID : **9489112076**
Option 4 ID : **9489112075**
Status : **Answered**
Chosen Option : **4**

Q.78 Sushil Kumar won the Olympic medal for:

Ans

✓ 1. Wrestling

✗ 2. Boxing

✗ 3. Shooting

✗ 4. Weightlifting

Question ID : **948911506**
Option 1 ID : **9489112023**
Option 2 ID : **9489112022**
Option 3 ID : **9489112021**
Option 4 ID : **9489112024**
Status : **Not Answered**
Chosen Option : **--**

Q.79 Anil lent ₹7,200 to Dubey for 3 years and ₹8,400 to Raghav for 4 years on simple interest at the same rate of interest and received ₹4,968 in total from them as interest. Find the rate of interest p.a.

Ans

✗ 1. 8%

✗ 2. 12%

✓ 3. 9%

✗ 4. 10%

Question ID : **948911758**
Option 1 ID : **9489113030**
Option 2 ID : **9489113032**
Option 3 ID : **9489113029**
Option 4 ID : **9489113031**
Status : **Answered**
Chosen Option : **3**

Q.80 Find the greatest number of five digits, which is exactly divisible by 468.

Ans

✗ 1. 99486

✗ 2. 99468

✓ 3. 99684

✗ 4. 99864

Question ID : **948911752**
Option 1 ID : **9489113008**
Option 2 ID : **9489113007**
Option 3 ID : **9489113005**
Option 4 ID : **9489113006**
Status : **Answered**
Chosen Option : **3**

Q.81 Two cars start from Ahmadabad and run in opposite directions with one car's speed being 200 km/h more than the other. If they are 4500 km apart after 9 h, then the sum of the speeds of both the cars is:

Ans

✓ 1. 500 km/h

✗ 2. 350 km/h

✗ 3. 250 km/h

✗ 4. 150 km/h

Question ID : **948911763**
Option 1 ID : **9489113052**
Option 2 ID : **9489113049**
Option 3 ID : **9489113051**
Option 4 ID : **9489113050**
Status : **Answered**
Chosen Option : **1**

Q.82 If A is the father of B and B is the father of C, then how is C related to A?

Ans

✗ 1. Granddaughter

✗ 2. Grandson

✗ 3. Grandfather

✓ 4. Grandchild

Question ID : **9489111078**
Option 1 ID : **9489114312**
Option 2 ID : **9489114310**
Option 3 ID : **9489114309**
Option 4 ID : **9489114311**
Status : **Answered**
Chosen Option : **2**

Q.83 The captain of a cricket team of 11 members is 35 years old and the wicket keeper is 5 years older than the captain. If the ages of these two are excluded, the average age of the remaining players is three years less than the average age of the whole team. What is the average age of the whole team?

Ans

✓ 1. 24 years

✗ 2. 28 years

✗ 3. 26 years

✗ 4. 25 years

Question ID : **948911773**
Option 1 ID : **9489113090**
Option 2 ID : **9489113092**
Option 3 ID : **9489113091**
Option 4 ID : **9489113089**
Status : **Answered**
Chosen Option : **1**

Q.84 In a certain code language, DESTINY is written as YNITSED. How will DIGNITY be written as in that language?

Ans

✗ 1. YGITNID

✗ 2. YIGTIND

✓ 3. YTINGID

✗ 4. YINGTID

Question ID : **9489111080**
Option 1 ID : **9489114317**
Option 2 ID : **9489114319**
Option 3 ID : **9489114320**
Option 4 ID : **9489114318**
Status : **Answered**
Chosen Option : **3**

Q.85 When was Project Tiger launched in India?

Ans
1. 1970 ✗
2. 1973 ✓
3. 1980 ✗
4. 1975 ✗

Question ID : **948911516**
Option 1 ID : **9489112061**
Option 2 ID : **9489112062**
Option 3 ID : **9489112064**
Option 4 ID : **9489112063**
Status : **Answered**
Chosen Option : **2**

Q.86 A question and three statements labelled (I), (II) and (III) are given. You have to decide which statement(s) is/are sufficient to answer the question.

Question: Who is the shortest among A, B, C, D and E?

Statements:

I. A is taller than E but shorter than D.

II. B is shorter than C but taller than E.

III. D is taller than C and A is taller than B.

Ans
1. Statements I and II together are sufficient. ✗
2. Statements I and III together are sufficient. ✗
3. Statements I, II and III are insufficient. ✗
4. Statements I, II and III are sufficient. ✓

Question ID : **9489111081**
Option 1 ID : **9489114321**
Option 2 ID : **9489114323**
Option 3 ID : **9489114324**
Option 4 ID : **9489114322**
Status : **Answered**
Chosen Option : **4**

Q.87 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ACDF, GIJL, MOPR, ?

Ans
1. SUVX ✓
2. SVTX ✗
3. STVX ✗
4. SVUX ✗

Question ID : **9489111083**
Option 1 ID : **9489114329**
Option 2 ID : **9489114331**
Option 3 ID : **9489114330**
Option 4 ID : **9489114332**
Status : **Answered**
Chosen Option : **1**

Q.88 Select the number from among the given options that can replace the question mark (?) in the following series.

5, 12, 26, 54, ?, 222, 446

Ans

✗ 1. 112

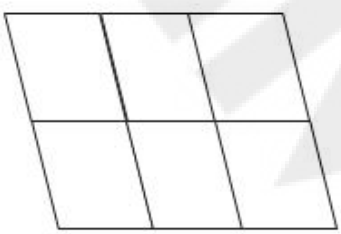
✗ 2. 108

✗ 3. 116

✓ 4. 110

Question ID : **9489111087**
Option 1 ID : **9489114348**
Option 2 ID : **9489114345**
Option 3 ID : **9489114347**
Option 4 ID : **9489114346**
Status : **Answered**
Chosen Option : **4**

Q.89 Count the number of parallelograms in the following figure.



Ans

✗ 1. 16

✓ 2. 18

✗ 3. 14

✗ 4. 20

Question ID : **9489111097**
Option 1 ID : **9489114387**
Option 2 ID : **9489114386**
Option 3 ID : **9489114385**
Option 4 ID : **9489114388**
Status : **Answered**
Chosen Option : **4**

Q.90 Select the number from among the given options that can replace the question mark (?) in the following series.

214, 197, 179, 160, ?

Ans

✗ 1. 159

✗ 2. 149

✓ 3. 140

✗ 4. 147

Question ID : **9489111084**
Option 1 ID : **9489114333**
Option 2 ID : **9489114334**
Option 3 ID : **9489114335**
Option 4 ID : **9489114336**
Status : **Answered**
Chosen Option : **3**

Q.91 Out of the four materials listed, three are alike in some manner and one is different. Select the odd one.

Ans

✗ 1. Iron

✗ 2. Gold

✓ 3. Steel

✗ 4. Silver

Question ID : **9489111094**
Option 1 ID : **9489114374**
Option 2 ID : **9489114376**
Option 3 ID : **9489114373**
Option 4 ID : **9489114375**
Status : **Answered**
Chosen Option : **3**

Q.92 How many straight lines does a cuboid have?

Ans

✗ 1. 10

✓ 2. 12

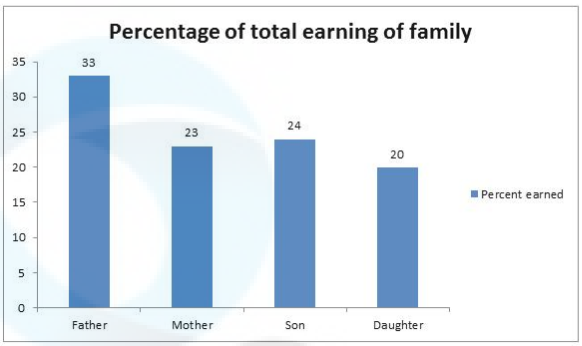
✗ 3. 16

✗ 4. 24

Question ID : **9489111098**
Option 1 ID : **9489114389**
Option 2 ID : **9489114390**
Option 3 ID : **9489114391**
Option 4 ID : **9489114392**
Status : **Answered**
Chosen Option : **2**

Q.93 Observe the bar graph and answer the question below.

The total annual earnings of a family of four members is ₹12 lakhs. The bar graph shows the percentage of contribution of each family member.



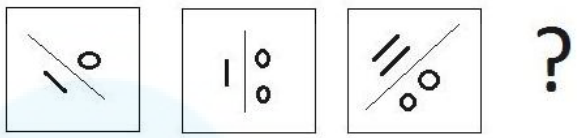
What is the difference in the salary of the highest and the lowest earning members?

Ans

1. ₹1,560
2. ₹15,600
3. ₹11,60,000
4. ₹1,56,000

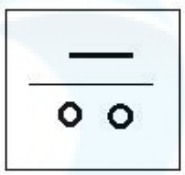
Question ID : **9489111091**
Option 1 ID : **9489114364**
Option 2 ID : **9489114361**
Option 3 ID : **9489114363**
Option 4 ID : **9489114362**
Status : **Answered**
Chosen Option : **4**

Q.94 Select the pattern from among the given options that will come next in the following series.

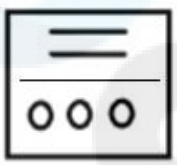


Ans

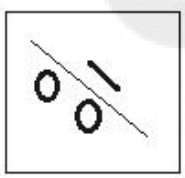
✗ 1.



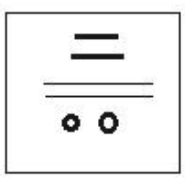
✓ 2.



✗ 3.



✗ 4.



Question ID : **9489111102**
Option 1 ID : **9489114406**
Option 2 ID : **9489114407**
Option 3 ID : **9489114408**
Option 4 ID : **9489114405**
Status : **Answered**
Chosen Option : **2**

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

9	8
17	8
25	16
?	8
49	8
57	16

Ans

✗ 1. 33

✗ 2. 32

✗ 3. 49

✓ 4. 41

Question ID : **9489111101**
Option 1 ID : **9489114403**
Option 2 ID : **9489114401**
Option 3 ID : **9489114402**
Option 4 ID : **9489114404**
Status : **Answered**
Chosen Option : **4**

Q.96 In a certain code language, VAGABOND is written as NDVABOGA. How will PRACTICE be written as in that language?

Ans

✓ 1. CEPRTIAC

✗ 2. CEACTIPR

✗ 3. PRCETIAC

✗ 4. CERPTIAC

Question ID : **9489111079**
Option 1 ID : **9489114314**
Option 2 ID : **9489114315**
Option 3 ID : **9489114313**
Option 4 ID : **9489114316**
Status : **Answered**
Chosen Option : **1**

Q.97 Select the option that is closest to the given shapes?

Square, Rhombus, Rectangle, Parallelogram

Ans

✗ 1. Equilateral

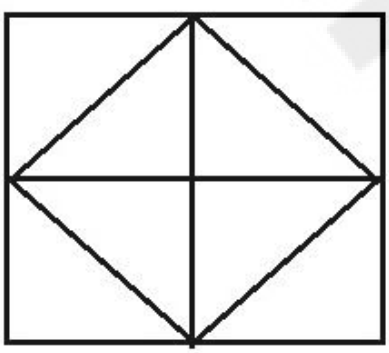
✗ 2. Scalene

✓ 3. Quadrilateral

✗ 4. Equiangular

Question ID : **9489111095**
Option 1 ID : **9489114379**
Option 2 ID : **9489114377**
Option 3 ID : **9489114380**
Option 4 ID : **9489114378**
Status : **Answered**
Chosen Option : **3**

Q.98 Count the number of triangles in the following figure.



Ans

✗ 1. 10

✓ 2. 12

✗ 3. 16

✗ 4. 9

Question ID : **9489111096**
Option 1 ID : **9489114384**
Option 2 ID : **9489114382**
Option 3 ID : **9489114381**
Option 4 ID : **9489114383**
Status : **Answered**
Chosen Option : **2**

Q.99 If 'some artists are celebrities' and 'all celebrities are millionaires', then which of the given conclusions follow?

Ans

✗ 1. No celebrities are millionaires.

✓ 2. Some artists are millionaires.

✗ 3. No millionaires are celebrities.

✗ 4. All artists are millionaires.

Question ID : **9489111076**
Option 1 ID : **9489114303**
Option 2 ID : **9489114302**
Option 3 ID : **9489114304**
Option 4 ID : **9489114301**
Status : **Answered**
Chosen Option : **2**

Q.100 Select the option that best describes the given units?

Dollar, Rupee, Yen, Taka

Ans

✗ 1. Wealth

✗ 2. Finance

✗ 3. Economy

✓ 4. Currency

Question ID : **9489111093**
Option 1 ID : **9489114369**
Option 2 ID : **9489114372**
Option 3 ID : **9489114370**
Option 4 ID : **9489114371**
Status : **Answered**
Chosen Option : **4**

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