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	29/12/2020
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 If '+' means '−', '−' means '÷', '×' means '+' and '÷' means '×', then what will be the value of the expression '13 + 6 ÷ 2 × 32 − 2'?

Ans ✘ 1. 20

✘ 2. 23

✔ 3. 17

✘ 4. 15

Question ID : **948911486**
Option 1 ID : **9489111942**
Option 2 ID : **9489111943**
Option 3 ID : **9489111941**
Option 4 ID : **9489111944**
Status : **Answered**
Chosen Option : **3**

Q.2 As of November 2020, what is the total number of High Courts in India?

Ans ✘ 1. 15

✘ 2. 29

✘ 3. 21

✔ 4. 25

Question ID : **948911128**
Option 1 ID : **948911512**
Option 2 ID : **948911510**
Option 3 ID : **948911511**
Option 4 ID : **948911509**
Status : **Not Answered**
Chosen Option : **--**

Q.3 The pH of lemon juice is around _____ .

Ans ✔ 1. 2
✘ 2. 9
✘ 3. 12
✘ 4. 7

Question ID : **948911113**
Option 1 ID : **948911449**
Option 2 ID : **948911451**
Option 3 ID : **948911452**
Option 4 ID : **948911450**
Status : **Answered**
Chosen Option : **1**

Q.4 India's longest highway tunnel is the:

Ans ✘ 1. Jawahar Tunnel
✘ 2. Aut tunnel
✘ 3. Rohtang Tunnel
✔ 4. Atal Tunnel

Question ID : **948911143**
Option 1 ID : **948911569**
Option 2 ID : **948911572**
Option 3 ID : **948911570**
Option 4 ID : **948911571**
Status : **Answered**
Chosen Option : **4**

Q.5 A shopkeeper loses 10% on selling an article for ₹360. To gain 30%, what should have been the selling price of the article?

Ans ✔ 1. ₹520
✘ 2. ₹480
✘ 3. ₹740
✘ 4. ₹600

Question ID : **948911360**
Option 1 ID : **9489111437**
Option 2 ID : **9489111438**
Option 3 ID : **9489111440**
Option 4 ID : **9489111439**
Status : **Answered**
Chosen Option : **1**

Q.6 Where is the headquarters of UNESCO?

Ans ✗ 1. New York

✗ 2. London

✗ 3. Washington DC

✔ 4. Paris

Question ID : **948911133**
Option 1 ID : **948911529**
Option 2 ID : **948911532**
Option 3 ID : **948911530**
Option 4 ID : **948911531**
Status : **Answered**
Chosen Option : **4**

Q.7 Find the median value of the following ungrouped data:

26, 12, 15, 42, 36, 16

Ans ✗ 1. 30

✗ 2. 42

✗ 3. 26

✔ 4. 21

Question ID : **948911368**
Option 1 ID : **9489111472**
Option 2 ID : **9489111469**
Option 3 ID : **9489111470**
Option 4 ID : **9489111471**
Status : **Answered**
Chosen Option : **4**

Q.8 Who presides over the joint sitting of the Lok Sabha and the Rajya Sabha?

Ans ✔ 1. The speaker of the Lok Sabha

✗ 2. A member nominated by the President of India

✗ 3. The senior most member of the Rajya Sabha

✗ 4. The President of India

Question ID : **948911129**
Option 1 ID : **948911516**
Option 2 ID : **948911514**
Option 3 ID : **948911515**
Option 4 ID : **948911513**
Status : **Answered**
Chosen Option : **1**

Q.9 Three pipes, A, B and C, can fill a tank in 15 hours, 12 hours and 18 hours, respectively. If both pipes A and C are opened simultaneously into the empty tank, then the time taken (in hours) to fill the tank will be:

Ans ✔ 1. $8\frac{2}{11}$

✘ 2. $6\frac{5}{9}$

✘ 3. $7\frac{2}{3}$

✘ 4. $9\frac{3}{5}$

Question ID : **948911362**
Option 1 ID : **9489111445**
Option 2 ID : **9489111448**
Option 3 ID : **9489111446**
Option 4 ID : **9489111447**
Status : **Answered**
Chosen Option : **1**

Q.10 Beriberi is a disease caused due to deficiency of _____.

Ans ✔ 1. vitamin B1

✘ 2. vitamin A

✘ 3. vitamin C

✘ 4. vitamin D

Question ID : **948911111**
Option 1 ID : **948911442**
Option 2 ID : **948911441**
Option 3 ID : **948911443**
Option 4 ID : **948911444**
Status : **Answered**
Chosen Option : **1**

Q.11 Which of the following rivers drain into the Arabian sea?

Ans ✘ 1. Godavari

✘ 2. Krishna

✔ 3. Tapi

✘ 4. Mahanadi

Question ID : **948911126**
Option 1 ID : **948911503**
Option 2 ID : **948911504**
Option 3 ID : **948911502**
Option 4 ID : **948911501**
Status : **Answered**
Chosen Option : **3**

Q.12 The following graph shows the production (in tonnes) of a product from 1980 to 1985. Answer the given question based on the graph.
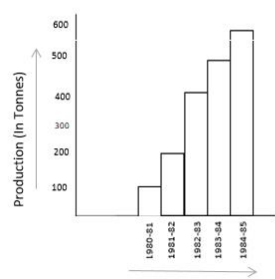
In which year was the absolute increase in production tonnage the highest as compared to the previous year?

Ans ✗ 1. 1980-81

✗ 2. 1983-84

✗ 3. 1981-82

✓ 4. 1982-83

Question ID : **948911489**
Option 1 ID : **9489111953**
Option 2 ID : **9489111956**
Option 3 ID : **9489111954**
Option 4 ID : **9489111955**
Status : **Answered**
Chosen Option : **4**

Q.13 Which of the following plants belongs to Bryophyta?

Ans ✗ 1. Marsilea

✗ 2. Deodar

✗ 3. Cladophora

✓ 4. Marchantia

Question ID : **948911114**
Option 1 ID : **948911456**
Option 2 ID : **948911454**
Option 3 ID : **948911453**
Option 4 ID : **948911455**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Who among the following was NOT awarded the Bharat Ratna in 2019?

Ans ✔ 1. Shri Atal Bihari Vajpayee

✘ 2. Shri Nanaji Deshmukh

✘ 3. Shri Pranab Mukherjee

✘ 4. Dr. Bhupen Hazarika

Question ID : **948911107**
Option 1 ID : **948911428**
Option 2 ID : **948911425**
Option 3 ID : **948911426**
Option 4 ID : **948911427**
Status : **Answered**
Chosen Option : **1**

Q.15 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:

1. All lawyers are intelligent.

2. Some women are lawyers.

Conclusions:

I. Some women are intelligent.

II. All those intelligent are women.

Ans ✔ 1. Only conclusion I follows.

✘ 2. Only conclusion II follows.

✘ 3. Neither conclusion I nor II follows.

✘ 4. Either conclusion I or II follows.

Question ID : **948911481**
Option 1 ID : **9489111921**
Option 2 ID : **9489111922**
Option 3 ID : **9489111924**
Option 4 ID : **9489111923**
Status : **Answered**
Chosen Option : **1**

Q.16 In a mixture of liquid, $\frac{1}{5}$ part is acid, $\frac{3}{5}$ part is alcohol and the remaining part is water. If the total quantity of the mixture is 20 litres, then how much water (in litres) does the mixture contain?

Ans ✗ 1. 12

✗ 2. 8

✗ 3. 15

✔ 4. 4

Question ID : **948911351**
Option 1 ID : **9489111403**
Option 2 ID : **9489111402**
Option 3 ID : **9489111404**
Option 4 ID : **9489111401**
Status : **Answered**
Chosen Option : **4**

Q.17 Which of the following is a supersonic cruise missile?

Ans ✔ 1. Brahmos

✗ 2. Akash

✗ 3. Prithvi

✗ 4. Trishul

Question ID : **948911131**
Option 1 ID : **948911523**
Option 2 ID : **948911522**
Option 3 ID : **948911521**
Option 4 ID : **948911524**
Status : **Not Answered**
Chosen Option : **--**

Q.18 From 10 liters of a solution 2 liters of water evaporated. The remaining solution was found to have 6 % salt. What was the percentage of salt in the original solution?

Ans ✗ 1. 5.6%

✗ 2. 5%

✔ 3. 4.8%

✗ 4. 5.4%

Question ID : **948911357**
Option 1 ID : **9489111425**
Option 2 ID : **9489111427**
Option 3 ID : **9489111428**
Option 4 ID : **9489111426**
Status : **Answered**
Chosen Option : **3**

Q.19 Which type of lens is required for correcting the vision of a person with myopia?

Ans ✗ 1. Converging lens

✗ 2. Bifocal lens

✓ 3. Diverging lens

✗ 4. Cylindrical lens

Question ID : **948911112**
Option 1 ID : **948911447**
Option 2 ID : **948911448**
Option 3 ID : **948911446**
Option 4 ID : **948911445**
Status : **Answered**
Chosen Option : **3**

Q.20 The Cabinet Mission came to India in the year _____.

Ans ✗ 1. 1940

✗ 2. 1943

✓ 3. 1946

✗ 4. 1941

Question ID : **948911118**
Option 1 ID : **948911469**
Option 2 ID : **948911471**
Option 3 ID : **948911472**
Option 4 ID : **948911470**
Status : **Answered**
Chosen Option : **3**

Q.21 The Cauvery water dispute is between _____.

Ans ✗ 1. Karnataka and Goa

✗ 2. Karnataka and Andhra Pradesh

✗ 3. Karnataka and Telangana

✓ 4. Karnataka and Tamil Nadu

Question ID : **948911123**
Option 1 ID : **948911492**
Option 2 ID : **948911490**
Option 3 ID : **948911489**
Option 4 ID : **948911491**
Status : **Answered**
Chosen Option : **4**

Q.22 The maximum resistance which can be made using four resistors each of 1/4 Ω in series is _____.

Ans   ✗ 1. $1/8\Omega$

   ✗ 2. $1/4\ \Omega$

   ✔ 3. 1Ω

   ✗ 4. 4Ω

Question ID : **948911116**
Option 1 ID : **948911462**
Option 2 ID : **948911461**
Option 3 ID : **948911463**
Option 4 ID : **948911464**
Status : **Answered**
Chosen Option : **3**

Q.23 The value of $200 \div (5.23 + 4.77) \times \left(\frac{3}{5} - \frac{2}{10}\right) + (5 - 2)$ is:

Ans   ✗ 1. 8

   ✗ 2. 19

   ✗ 3. 18

   ✔ 4. 11

Question ID : **948911345**
Option 1 ID : **9489111377**
Option 2 ID : **9489111380**
Option 3 ID : **9489111379**
Option 4 ID : **9489111378**
Status : **Answered**
Chosen Option : **4**

Q.24 Jim Corbett National Park is located in _____.

Ans   ✗ 1. Gujarat

   ✔ 2. Uttarakhand

   ✗ 3. Karnataka

   ✗ 4. Rajasthan

Question ID : **948911122**
Option 1 ID : **948911488**
Option 2 ID : **948911487**
Option 3 ID : **948911486**
Option 4 ID : **948911485**
Status : **Answered**
Chosen Option : **2**

Q.25 Five children A, B, C, D and E are standing in a row facing south. D has B to his left. B and C are always together (next to each other) and C is at one end of the row. D cannot be at the fourth or fifth place. E is to the right of A. Who is standing in the middle of the row?

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

Question ID : **948911503**
Option 1 ID : **9489112010**
Option 2 ID : **9489112009**
Option 3 ID : **9489112012**
Option 4 ID : **9489112011**
Status : **Answered**
Chosen Option : **4**

Q.26 How many triangles are there in the following figure?

Ans
- ✗ 1. 9
- ✗ 2. 6
- ✗ 3. 12
- ✔ 4. 10

Question ID : **948911497**
Option 1 ID : **9489111986**
Option 2 ID : **9489111985**
Option 3 ID : **9489111988**
Option 4 ID : **9489111987**
Status : **Answered**
Chosen Option : **4**

Q.27 How many numbers from 250 to 1000 are exactly divisible by 5, 6 and 7?

Ans
- ✗ 1. 7
- ✗ 2. 6
- ✗ 3. 5
- ✔ 4. 3

Question ID : **948911352**
Option 1 ID : **9489111408**
Option 2 ID : **9489111406**
Option 3 ID : **9489111405**
Option 4 ID : **9489111407**
Status : **Answered**
Chosen Option : **4**

Q.28 GST is an indirect tax imposed in India. The full form of GST is:

Ans   ✗ 1. Goods and Surcharge Tax

     ✔ 2. Goods and Services Tax

     ✗ 3. General Service Tax

     ✗ 4. General Structure of Tax

Question ID : **948911140**
Option 1 ID : **948911559**
Option 2 ID : **948911558**
Option 3 ID : **948911557**
Option 4 ID : **948911560**
Status : **Answered**
Chosen Option : **2**

Q.29 A number when decreased by $22\frac{1}{2}\%$ becomes 217. The number is:

Ans   ✗ 1. 420

     ✔ 2. 280

     ✗ 3. 315

     ✗ 4. 212

Question ID : **948911356**
Option 1 ID : **9489111424**
Option 2 ID : **9489111422**
Option 3 ID : **9489111423**
Option 4 ID : **9489111421**
Status : **Answered**
Chosen Option : **2**

Q.30 A cylindrical tank has a capacity of $6160 \, m^3$. If the diameter of the base of the tank is 28 m, then the depth of the tank (in m) is:

Ans   ✔ 1. 10

     ✗ 2. 12

     ✗ 3. 8

     ✗ 4. 14

Question ID : **948911365**
Option 1 ID : **9489111458**
Option 2 ID : **9489111459**
Option 3 ID : **9489111457**
Option 4 ID : **9489111460**
Status : **Answered**
Chosen Option : **1**

Q.31 The Central Drug Research Institute of India is located at:

Ans ✗ 1. Hyderabad

✔ 2. Lucknow

✗ 3. Delhi

✗ 4. Mumbai

Question ID : **948911139**
Option 1 ID : **948911554**
Option 2 ID : **948911555**
Option 3 ID : **948911553**
Option 4 ID : **948911556**
Status : **Answered**
Chosen Option : **1**

Q.32 A man has four silver articles, P, Q, R, and S, each having a different weight. P weighs thrice as much as Q. Q weighs two and a half times as much as S. R weighs half as much as S. Which of the following silver articles is the lightest in weight?

Ans ✗ 1. S

✗ 2. Q

✔ 3. R

✗ 4. P

Question ID : **948911490**
Option 1 ID : **9489111960**
Option 2 ID : **9489111958**
Option 3 ID : **9489111959**
Option 4 ID : **9489111957**
Status : **Answered**
Chosen Option : **3**

Q.33 The value of $\sqrt{72 \times 18} + \sqrt{0.04} + \sqrt{0.64}$ is:

Ans ✗ 1. 36

✗ 2. 24

✗ 3. 12

✔ 4. 37

Question ID : **948911349**
Option 1 ID : **9489111395**
Option 2 ID : **9489111394**
Option 3 ID : **9489111393**
Option 4 ID : **9489111396**
Status : **Answered**
Chosen Option : **4**

Q.34 Intel core i9 is a type of _____.

Ans ✔ 1. processor

✘ 2. hard disc

✘ 3. motherboard

✘ 4. antivirus

Question ID : **948911137**
Option 1 ID : **948911546**
Option 2 ID : **948911547**
Option 3 ID : **948911545**
Option 4 ID : **948911548**
Status : **Answered**
Chosen Option : **1**

Q.35 The area of a rectangle is 300 cm^2 and the length of its diagonal is 5 cm. The perimeter of the rectangle (in cm) is:

Ans ✘ 1. 121

✔ 2. 50

✘ 3. 25

✘ 4. 176

Question ID : **948911364**
Option 1 ID : **9489111453**
Option 2 ID : **9489111454**
Option 3 ID : **9489111455**
Option 4 ID : **9489111456**
Status : **Answered**
Chosen Option : **2**

Q.36 If $x + \left(\frac{1}{x}\right) = 12$ and $x^2 - \frac{1}{x^2} = 50$, then the value of $x^4 - \frac{1}{x^4}$ is:

Ans ✘ 1. 1800

✘ 2. 600

✘ 3. 7200

✔ 4. 7100

Question ID : **948911366**
Option 1 ID : **9489111464**
Option 2 ID : **9489111461**
Option 3 ID : **9489111462**
Option 4 ID : **9489111463**
Status : **Answered**
Chosen Option : **4**

Q.37 Python is a/an _____.

Ans
- ✔ 1. programming language
- ✘ 2. web browser
- ✘ 3. malware
- ✘ 4. operating system

Question ID : **948911136**
Option 1 ID : **948911541**
Option 2 ID : **948911542**
Option 3 ID : **948911544**
Option 4 ID : **948911543**
Status : **Answered**
Chosen Option : **1**

Q.38 Humayun-Nama was written by _____.

Ans
- ✔ 1. Gulbadan Begum
- ✘ 2. Babur
- ✘ 3. Noor Jahan
- ✘ 4. Akbar

Question ID : **948911117**
Option 1 ID : **948911467**
Option 2 ID : **948911465**
Option 3 ID : **948911468**
Option 4 ID : **948911466**
Status : **Answered**
Chosen Option : **1**

Q.39 Which is the largest country of South America?

Ans
- ✔ 1. Brazil
- ✘ 2. Colombia
- ✘ 3. Argentina
- ✘ 4. Bolivia

Question ID : **948911124**
Option 1 ID : **948911494**
Option 2 ID : **948911496**
Option 3 ID : **948911493**
Option 4 ID : **948911495**
Status : **Answered**
Chosen Option : **1**

Q.40 ASCII is a code for representing English characters as numbers. It is the acronym for _____.

Ans
- ✔ 1. American Standard Code for Information Interchange
- ✘ 2. American Secure Code for Information Interchange
- ✘ 3. Australian Standard Code for Information Interchange
- ✘ 4. Australian Secure Code for Information Interchange

Question ID : **948911138**
Option 1 ID : **948911549**
Option 2 ID : **948911550**
Option 3 ID : **948911551**
Option 4 ID : **948911552**
Status : **Answered**
Chosen Option : **1**

Q.41 'Samagra Shiksha' is a scheme for school education, which extends from:

Ans
- ✔ 1. pre-nursery to class XII
- ✘ 2. class I to X only
- ✘ 3. class I to XII only
- ✘ 4. class I to VIII only

Question ID : **948911141**
Option 1 ID : **948911564**
Option 2 ID : **948911562**
Option 3 ID : **948911563**
Option 4 ID : **948911561**
Status : **Answered**
Chosen Option : **1**

Q.42 Mahatma Gandhi presided over the Indian National Congress session at _____.

Ans
- ✘ 1. Karachi
- ✔ 2. Belgaum
- ✘ 3. Kanpur
- ✘ 4. Madras

Question ID : **948911120**
Option 1 ID : **948911479**
Option 2 ID : **948911480**
Option 3 ID : **948911477**
Option 4 ID : **948911478**
Status : **Answered**
Chosen Option : **2**

Q.43 The value of $\frac{1}{0.24}$ of 1.44 is:

Ans
✗ 1. 140
✔ 2. 6
✗ 3. 166
✗ 4. 12

Question ID : **948911346**
Option 1 ID : **9489111383**
Option 2 ID : **9489111382**
Option 3 ID : **9489111384**
Option 4 ID : **9489111381**
Status : **Answered**
Chosen Option : **2**

Q.44 Jataka tales are related to _____.

Ans
✔ 1. Buddhism
✗ 2. Sikhism
✗ 3. Hinduism
✗ 4. Jainism

Question ID : **948911109**
Option 1 ID : **948911434**
Option 2 ID : **948911436**
Option 3 ID : **948911433**
Option 4 ID : **948911435**
Status : **Not Answered**
Chosen Option : **--**

Q.45 Who won the Indian Premier League (IPL), 2020?

Ans
✗ 1. Kolkata Knight Riders
✔ 2. Mumbai Indians
✗ 3. Chennai Super Kings
✗ 4. Royal Challengers Bangalore

Question ID : **948911104**
Option 1 ID : **948911416**
Option 2 ID : **948911414**
Option 3 ID : **948911413**
Option 4 ID : **948911415**
Status : **Answered**
Chosen Option : **3**

Q.46 'Neigh' is related to 'Horse' in the same way as 'Bleat' is related to '_____'.

Ans ✗ 1. Donkey

✗ 2. Bear

✔ 3. Goat

✗ 4. Dog

Question ID : **948911474**
Option 1 ID : **9489111893**
Option 2 ID : **9489111895**
Option 3 ID : **9489111894**
Option 4 ID : **9489111896**
Status : **Answered**
Chosen Option : **3**

Q.47 Ibn Battuta, a famous traveller, was a native of _____.

Ans ✗ 1. Italy

✗ 2. Greece

✗ 3. China

✔ 4. Morocco

Question ID : **948911119**
Option 1 ID : **948911476**
Option 2 ID : **948911474**
Option 3 ID : **948911473**
Option 4 ID : **948911475**
Status : **Answered**
Chosen Option : **4**

Q.48 The value of $\dfrac{\sin 27°.\cos 63°}{\cos^2 27°} - \dfrac{\sec 27°.\csc 63°}{\tan^2 45°}$ is:

Ans ✗ 1. 2

✗ 2. 1

✗ 3. 0

✔ 4. −1

Question ID : **948911373**
Option 1 ID : **9489111492**
Option 2 ID : **9489111489**
Option 3 ID : **9489111491**
Option 4 ID : **9489111490**
Status : **Answered**
Chosen Option : **4**

Q.49 Consider the given statement and decide which of the given assumptions is implicit in the statement.

Statement:

P advised Q, "Go to Mumbai via Jaipur — the shortest route."

Assumptions: I. P advises everybody.

II. Q wishes to go to Mumbai.

Ans   ✗ 1. Either assumption I or II is implicit.

    ✗ 2. Only assumption I is implicit.

    ✔ 3. Only assumption II is implicit.

    ✗ 4. Neither assumption I nor II is implicit.

Question ID : **948911482**
Option 1 ID : **9489111927**
Option 2 ID : **9489111925**
Option 3 ID : **9489111926**
Option 4 ID : **9489111928**
Status : **Answered**
Chosen Option : **3**

Q.50 ISRO created history by launching _____ in Feb,2017.

Ans   ✗ 1. 101 satellites in a single flight.

    ✔ 2. 104 satellites in a single flight.

    ✗ 3. 100 satellites in a single flight.

    ✗ 4. 103 satellites in a single flight.

Question ID : **948911130**
Option 1 ID : **948911518**
Option 2 ID : **948911520**
Option 3 ID : **948911517**
Option 4 ID : **948911519**
Status : **Not Answered**
Chosen Option : **--**

Q.51 In a circle with a radius of 10 cm, XY and PQ are two parallel chords 12 cm and 16 cm in length, respectively. The two chords are situated on the opposite sides of the centre. The distance between the chords is:

Ans   ✔ 1. 14 cm

    ✗ 2. 18 cm

    ✗ 3. 12.80 cm

    ✗ 4. 12 cm

Question ID : **948911369**
Option 1 ID : **9489111474**
Option 2 ID : **9489111473**
Option 3 ID : **9489111475**
Option 4 ID : **9489111476**
Status : **Answered**
Chosen Option : **1**

Q.52 In the given figure consisting of multiple shapes, which number is present only in one shape?
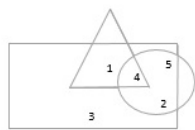
Ans

✖ 1. 4

✖ 2. 1

✖ 3. 2

✔ 4. 3

Question ID : **948911496**
Option 1 ID : **9489111984**
Option 2 ID : **9489111981**
Option 3 ID : **9489111982**
Option 4 ID : **9489111983**
Status : **Answered**
Chosen Option : **4**

Q.53 The LCM of two numbers is 156 and their HCF is 26. If the difference between the two numbers is also 26, then the sum of the numbers is:

Ans

✖ 1. 52

✔ 2. 130

✖ 3. 78

✖ 4. 104

Question ID : **948911347**
Option 1 ID : **9489111388**
Option 2 ID : **9489111385**
Option 3 ID : **9489111386**
Option 4 ID : **9489111387**
Status : **Answered**
Chosen Option : **2**

Q.54 Introducing a person to her husband, a lady said, "His brother's father is the only son of my paternal grandfather". How is the lady related to that person?

Ans

✖ 1. Daughter

✖ 2. Mother

✔ 3. Sister

✖ 4. Aunt

Question ID : **948911502**
Option 1 ID : **9489112008**
Option 2 ID : **9489112005**
Option 3 ID : **9489112006**
Option 4 ID : **9489112007**
Status : **Answered**
Chosen Option : **3**

Q.55 The product of three numbers is 10290 and the numbers are in the ratio of 3 : 5 : 2. The greatest number among the three numbers is:

Ans
✗ 1. 75

✗ 2. 60

✗ 3. 21

✔ 4. 35

Question ID : **948911355**
Option 1 ID : **9489111417**
Option 2 ID : **9489111418**
Option 3 ID : **9489111419**
Option 4 ID : **9489111420**
Status : **Answered**
Chosen Option : **4**

Q.56 A row of girls are standing facing north. Rama is fifteenth from the left and Shalu is eighth from the right. If Shalu is shifted to the left by five places, then she moves to the immediate left of Rama. How many girls are standing in the row?

Ans
✗ 1. 27

✗ 2. 28

✔ 3. 26

✗ 4. 25

Question ID : **948911501**
Option 1 ID : **9489112003**
Option 2 ID : **9489112004**
Option 3 ID : **9489112002**
Option 4 ID : **9489112001**
Status : **Answered**
Chosen Option : **3**

Q.57 In his career, a tennis player won 5 matches, lost 12 matches and had 3 matches as draw. The fraction of the matches he lost in his career is:

Ans
✗ 1. $\dfrac{12}{5}$

✔ 2. $\dfrac{3}{5}$

✗ 3. $\dfrac{1}{5}$

✗ 4. $\dfrac{2}{5}$

Question ID : **948911350**
Option 1 ID : **9489111400**
Option 2 ID : **9489111397**
Option 3 ID : **9489111398**
Option 4 ID : **9489111399**
Status : **Answered**
Chosen Option : **2**

Q.58 The value of $4\sin^2 30° + 3\cot^2 60° - 2\tan^2 45°$ is:

Ans ✗ 1. 5

✗ 2. 1

✔ 3. 0

✗ 4. 9

Question ID : **948911372**
Option 1 ID : **9489111488**
Option 2 ID : **9489111486**
Option 3 ID : **9489111487**
Option 4 ID : **9489111485**
Status : **Answered**
Chosen Option : **3**

Q.59 A group of 463 people were asked to vote for their favourite season among four seasons (rainy, summer, spring and winter). Rainy season got 130 votes, whereas summer season got 100 votes. Winter season got 53 more votes than summer season. Spring season got 80 votes. Which season is liked by most people?

Ans ✗ 1. Spring

✗ 2. Summer

✗ 3. Rainy

✔ 4. Winter

Question ID : **948911491**
Option 1 ID : **9489111961**
Option 2 ID : **9489111962**
Option 3 ID : **9489111964**
Option 4 ID : **9489111963**
Status : **Answered**
Chosen Option : **4**

Q.60 A train running at a speed of 60 km/h crossed a pole in 1.5 min. The length of the train (in m) is:

Ans ✗ 1. 1200

✗ 2. 800

✔ 3. 1500

✗ 4. 600

Question ID : **948911363**
Option 1 ID : **9489111452**
Option 2 ID : **9489111449**
Option 3 ID : **9489111450**
Option 4 ID : **9489111451**
Status : **Answered**
Chosen Option : **3**

Q.61 The least number that when divided by 144, 108 and 72 leaves the remainder 3 in each case is:

Ans ✔ 1. 435

✘ 2. 429

✘ 3. 432

✘ 4. 72

Question ID : **948911348**
Option 1 ID : **9489111390**
Option 2 ID : **9489111391**
Option 3 ID : **9489111389**
Option 4 ID : **9489111392**
Status : **Answered**
Chosen Option : **1**

Q.62 A mixture contains acid and alcohol in the ratio of 3 : 2. On adding 10 litres alcohol to this mixture, the ratio of acid to alcohol becomes 3 : 5. The quantity of acid (in litres) in the original mixture was:

Ans ✘ 1. 5

✘ 2. 4.5

✘ 3. 5.5

✔ 4. 10

Question ID : **948911354**
Option 1 ID : **9489111415**
Option 2 ID : **9489111413**
Option 3 ID : **9489111416**
Option 4 ID : **9489111414**
Status : **Answered**
Chosen Option : **4**

Q.63 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:

1. All Lions are Cats.
2. Some Cats are Pets.
3. All Pets are Animals.

Conclusions:

I. Some Cats are Animals.

II. All Lions are Animals.

Ans ✔ 1. Only conclusion I follows.

✘ 2. Neither conclusion I nor II follows.

✘ 3. Only conclusion II follows.

✘ 4. Both conclusion I and II follow.

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:

1. All plumbers are men.

2. Some men are electricians.

3. No electrician is a cook.

Conclusions:

1. Some plumbers are cooks.

2. Some plumbers are not cooks.

3. Some men are not cooks.

Ans ✘ 1. None of the conclusions follows.

✘ 2. Only conclusions 2 and 3 follow.

✔ 3. Only conclusion 3 follows.

✘ 4. Only conclusions 1 and 2 follow.

Q.65 Which of the following countries is a member of SAARC?

Ans ✔ 1. Afghanistan

✘ 2. Myanmar

✘ 3. China

✘ 4. Mauritius

Question ID : **948911134**
Option 1 ID : **948911533**
Option 2 ID : **948911536**
Option 3 ID : **948911535**
Option 4 ID : **948911534**
Status : **Answered**
Chosen Option : **3**

Q.66 The value of $\frac{11}{5} - \left(\frac{2}{3} \text{ of } \frac{3}{5} - \frac{1}{5}\right) + \left(\frac{6}{5} \div \frac{4}{5}\right)$ is:

Ans ✘ 1. $\frac{1}{5}$

✘ 2. $\frac{3}{5}$

✘ 3. $\frac{2}{3}$

✔ 4. $\frac{7}{2}$

Question ID : **948911344**
Option 1 ID : **9489111374**
Option 2 ID : **9489111373**
Option 3 ID : **9489111375**
Option 4 ID : **9489111376**
Status : **Answered**
Chosen Option : **4**

Q.67 If interest is compounded annually, a sum of ₹25,000 becomes ₹36,000 after 2 years. The rate of interest is:

Ans ✘ 1. 5 %

✘ 2. 22 %

✔ 3. 20 %

✘ 4. 15 %

Question ID : **948911359**
Option 1 ID : **9489111433**
Option 2 ID : **9489111435**
Option 3 ID : **9489111436**
Option 4 ID : **9489111434**
Status : **Answered**
Chosen Option : **3**

Q.68 Which of the following countries was the host for UN Environment Event – 'World Environment Day, 2020'?

Ans ✗ 1. France

✗ 2. India

✔ 3. Columbia

✗ 4. Japan

Q.69 A sum of ₹5,000 is invested at 10 % simple interest per annum. In how many years will the amount of interest become ₹1,500?

Ans ✗ 1. 6

✔ 2. 3

✗ 3. 5

✗ 4. 8

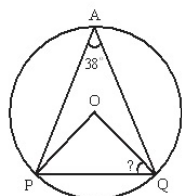**Q.70** If $\dfrac{x}{y} = \dfrac{4}{5}$, then $\dfrac{5x+7y}{5x-7y} + \dfrac{6x+4y}{7x-8y}$ is equal to:

Ans ✔ 1. $-\dfrac{22}{3}$

✗ 2. $-\dfrac{5}{4}$

✗ 3. $\dfrac{11}{3}$

✗ 4. $\dfrac{3}{2}$

Q.71 In the given figure, PO and OQ are the radius of the circumcircle of △ APQ. If ∠PAQ = 38°, then ∠PQO will be:

Ans   ✗ 1. 76°

     ✔ 2. 52°

     ✗ 3. 112°

     ✗ 4. 104°

Q.72 If $3 \cos \theta = \sqrt{3}$, then the value of $cosec\theta . tan\theta$ is:

Ans   ✗ 1. $\sqrt{2}$

     ✔ 2. $\sqrt{3}$

     ✗ 3. $\dfrac{\sqrt{3}}{2}$

     ✗ 4. $\dfrac{2\sqrt{2}}{3}$

Q.73 Which one of the following is NOT a UNESCO World Heritage site?

Ans ✗ 1. Rani-ki-vav, Patan

✗ 2. Sun temple, Konark

✗ 3. Ajanta caves, Aurangabad

✔ 4. Jantar Mantar, New Delhi

Question ID : **948911110**
Option 1 ID : **948911438**
Option 2 ID : **948911439**
Option 3 ID : **948911437**
Option 4 ID : **948911440**
Status : **Not Answered**
Chosen Option : **--**

Q.74 Who is known as the 'Father of Indian Constitution'?

Ans ✗ 1. Dr. K.M.Munshi

✗ 2. Shri Sachchidanand Sinha

✔ 3. Dr. Bheem Rao Ambedkar

✗ 4. Dr. Rajendra Prasad

Question ID : **948911127**
Option 1 ID : **948911508**
Option 2 ID : **948911506**
Option 3 ID : **948911507**
Option 4 ID : **948911505**
Status : **Answered**
Chosen Option : **3**

Q.75 Which of the following places is famous for mining of uranium?

Ans ✔ 1. Jaduguda

✗ 2. Panna

✗ 3. Raniganj

✗ 4. Corba

Question ID : **948911125**
Option 1 ID : **948911500**
Option 2 ID : **948911498**
Option 3 ID : **948911499**
Option 4 ID : **948911497**
Status : **Not Answered**
Chosen Option : **--**

Q.76 30 workers can build a bridge in 40 days. If 75 workers are to be assigned to complete the same work, then the number of days required will be:

Ans ✔ 1. 16

✘ 2. 56

✘ 3. 12

✘ 4. 10

Question ID : **948911361**
Option 1 ID : **9489111441**
Option 2 ID : **9489111443**
Option 3 ID : **9489111444**
Option 4 ID : **9489111442**
Status : **Answered**
Chosen Option : **1**

Q.77 Who was the Governor of the Reserve Bank of India when demonetisation was announced, on 8 November, 2016?

Ans ✔ 1. Urjit Patel

✘ 2. D.Subbarao

✘ 3. Shaktikanta Das

✘ 4. Raghuram Rajan

Question ID : **948911142**
Option 1 ID : **948911566**
Option 2 ID : **948911567**
Option 3 ID : **948911568**
Option 4 ID : **948911565**
Status : **Answered**
Chosen Option : **1**

Q.78 If $a + b = 8$ and $a^2 + b^2 = 12$, then the value of $a^3 + b^3$ is:

Ans ✘ 1. −211

✘ 2. 716

✔ 3. −112

✘ 4. 1136

Question ID : **948911367**
Option 1 ID : **9489111465**
Option 2 ID : **9489111466**
Option 3 ID : **9489111468**
Option 4 ID : **9489111467**
Status : **Answered**
Chosen Option : **3**

Q.79 As of November 2020, who is the Education minister of India?

Ans ✗ 1. Mahendra Nath Pandey

✗ 2. Prakash Javadekar

✓ 3. Dr. Ramesh Pokhriyal 'Nishank'

✗ 4. Smriti Zubin Irani

Question ID : **948911106**
Option 1 ID : **948911424**
Option 2 ID : **948911421**
Option 3 ID : **948911422**
Option 4 ID : **948911423**
Status : **Answered**
Chosen Option : **4**

Q.80 'Antrix Corporation Limited, Bengaluru' is a:

Ans ✗ 1. power distribution company

✗ 2. film production company

✗ 3. mobile handset manufacturer

✓ 4. marketing arm of ISRO

Question ID : **948911132**
Option 1 ID : **948911525**
Option 2 ID : **948911527**
Option 3 ID : **948911528**
Option 4 ID : **948911526**
Status : **Not Answered**
Chosen Option : **--**

Q.81 Select the number from among the given options that can replace the question mark (?) in the following series.

1, 27, 125, 343, ?

Ans ✗ 1. 216

✗ 2. 625

✓ 3. 729

✗ 4. 999

Question ID : **948911485**
Option 1 ID : **9489111937**
Option 2 ID : **9489111938**
Option 3 ID : **9489111939**
Option 4 ID : **9489111940**
Status : **Answered**
Chosen Option : **3**

Q.82 Who wrote Gita Govinda?

Ans ✗ 1. Surdas

✔ 2. Jayadeva

✗ 3. Raskhan

✗ 4. Meerabai

Question ID : **948911108**
Option 1 ID : **948911430**
Option 2 ID : **948911432**
Option 3 ID : **948911431**
Option 4 ID : **948911429**
Status : **Answered**
Chosen Option : **2**

Q.83 The Communal Electorate system in India was first introduced by the _____.

Ans ✗ 1. Rowlatt Act, 1919

✔ 2. Morley-Minto Reforms, 1909

✗ 3. Wavel Plan, 1945

✗ 4. Cripps Mission, 1942

Question ID : **948911121**
Option 1 ID : **948911483**
Option 2 ID : **948911481**
Option 3 ID : **948911482**
Option 4 ID : **948911484**
Status : **Answered**
Chosen Option : **2**

Q.84 Which of the following human diseases is caused by bacteria?

Ans ✗ 1. Hepatitis A

✔ 2. Typhoid

✗ 3. Measles

✗ 4. Polio

Question ID : **948911115**
Option 1 ID : **948911459**
Option 2 ID : **948911460**
Option 3 ID : **948911457**
Option 4 ID : **948911458**
Status : **Answered**
Chosen Option : **2**

Q.85 Who was the chief guest at the Republic Day celebrations of India in 2020?

Ans
- ✗ 1. The President of the USA
- ✗ 2. The King of Saudi Arabia
- ✔ 3. The President of Brazil
- ✗ 4. The Sultan of Brunei

Question ID : **948911105**
Option 1 ID : **948911418**
Option 2 ID : **948911420**
Option 3 ID : **948911417**
Option 4 ID : **948911419**
Status : **Answered**
Chosen Option : **3**

Q.86 In certain code language, LEADER is written as ELDARE. How will FOUNTAIN be written as in that code language?

Ans
- ✗ 1. FONUATIN
- ✗ 2. OFUNATIN
- ✔ 3. OFNUATNI
- ✗ 4. FOUNTANI

Question ID : **948911477**
Option 1 ID : **9489111905**
Option 2 ID : **9489111908**
Option 3 ID : **9489111906**
Option 4 ID : **9489111907**
Status : **Answered**
Chosen Option : **3**

Q.87 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans
- ✗ 1. HGST
- ✗ 2. FEUV
- ✗ 3. BAYZ
- ✔ 4. DCWV

Question ID : **948911483**
Option 1 ID : **9489111932**
Option 2 ID : **9489111931**
Option 3 ID : **9489111930**
Option 4 ID : **9489111929**
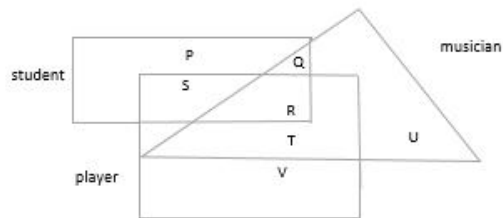Status : **Answered**
Chosen Option : **4**

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

4, 11, 30, 67, 128, ?

Ans ✗ 1. 346

✗ 2. 195

✗ 3. 182

✔ 4. 219

Q.89 Study the following figure and answer the given question.

Which region represents students who are musicians but NOT players?

Ans ✗ 1. U

✗ 2. S

✗ 3. R

✔ 4. Q

Q.90 Four numbers have been given, out of which three are alike in some manner and one is different. Select the number that is different from the rest.

Ans
1. 41
2. 35
3. 39
4. 37

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Question ID : **948911484**
Option 1 ID : **9489111936**
Option 2 ID : **9489111933**
Option 3 ID : **9489111935**
Option 4 ID : **9489111934**
Status : **Answered**
Chosen Option : **1**

Q.91 In a certain code language, FIVE is coded as 5137 and RAT is coded as 924. How will FEAR be coded as in that code language?

Ans
✔ 1. 5729
✘ 2. 5192
✘ 3. 5972
✘ 4. 5392

Question ID : **948911478**
Option 1 ID : **9489111911**
Option 2 ID : **9489111912**
Option 3 ID : **9489111910**
Option 4 ID : **9489111909**
Status : **Answered**
Chosen Option : **1**

Q.92 'India' is related to 'New Delhi' in the same way as 'China' is related to '_____'.

Ans
✔ 1. Beijing
✘ 2. Seoul
✘ 3. Pyongyang
✘ 4. Tokyo

Question ID : **948911475**
Option 1 ID : **9489111897**
Option 2 ID : **9489111899**
Option 3 ID : **9489111900**
Option 4 ID : **9489111898**
Status : **Answered**
Chosen Option : **1**

Q.93 Pointing to a photograph, a person said, "She is the daughter of the woman who is the mother of the husband of my mother". How is the lady in the photograph related to this person?

Ans ✗ 1. Sister-in-law

✗ 2. Daughter

✔ 3. Aunt

✗ 4. Sister

Question ID : **948911479**
Option 1 ID : **9489111915**
Option 2 ID : **9489111914**
Option 3 ID : **9489111916**
Option 4 ID : **9489111913**
Status : **Answered**
Chosen Option : **3**

Q.94 Six girls, P, Q, R, U, V and W, are sitting on a school ground. P and Q are from the Matri House while the rest are from the Gargi House. U and W are short while the other girls are tall. P, R and U are wearing caps while the others are not. Which tall girl from the Gargi House is NOT wearing a cap?

Ans ✗ 1. W

✗ 2. Q

✔ 3. V

✗ 4. P

Question ID : **948911492**
Option 1 ID : **9489111967**
Option 2 ID : **9489111968**
Option 3 ID : **9489111966**
Option 4 ID : **9489111965**
Status : **Answered**
Chosen Option : **1**

Q.95 P is taller than T, Q is taller than S, U is taller than R, S is taller than P and T is taller than U. Who is the shortest among them?

Ans ✗ 1. S

✔ 2. R

✗ 3. U

✗ 4. P

Question ID : **948911499**
Option 1 ID : **9489111995**
Option 2 ID : **9489111994**
Option 3 ID : **9489111996**
Option 4 ID : **9489111993**
Status : **Answered**
Chosen Option : **2**

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

KOPT : AEFJ :: QUVZ : ?

Ans
✗ 1. NRSW
✔ 2. GKLP
✗ 3. PTUY
✗ 4. OSTX

Question ID : **948911476**
Option 1 ID : **9489111901**
Option 2 ID : **9489111904**
Option 3 ID : **9489111903**
Option 4 ID : **9489111902**
Status : **Answered**
Chosen Option : **2**

Q.97 Read the given statement and conclusions carefully and decide which of the given conclusions logically follows from the statement.

Statement: Chanchal is prettier than Lila but not as pretty as Bhoomi.

Conclusions:

I. Lila is not as pretty as Chanchal.

II. Lila is prettier than Bhoomi.

III. Bhoomi is not as pretty as Chanchal.

IV. Chanchal is prettier than Bhoomi.

Ans
✔ 1. Only conclusion I follows.
✗ 2. Only conclusion III follows.
✗ 3. Only conclusion II follows.
✗ 4. Only conclusion IV follows.

Question ID : **948911480**
Option 1 ID : **9489111917**
Option 2 ID : **9489111919**
Option 3 ID : **9489111918**
Option 4 ID : **9489111920**
Status : **Answered**
Chosen Option : **1**

Q.98 In a class of 50 students, Aryan ranks 17th from the top. What is his rank from the bottom?

Ans
- ✗ 1. 18th
- ✗ 2. 33rd
- ✗ 3. 32nd
- ✓ 4. 34th

Question ID : **948911500**
Option 1 ID : **9489111997**
Option 2 ID : **9489111999**
Option 3 ID : **9489111998**
Option 4 ID : **9489112000**
Status : **Answered**
Chosen Option : **4**

Q.99 If $8 + 5 = 1340$ is true, then $4 + 6 = ?$

Ans
- ✗ 1. 1012
- ✓ 2. 1024
- ✗ 3. 1414
- ✗ 4. 1304

Question ID : **948911487**
Option 1 ID : **9489111946**
Option 2 ID : **9489111947**
Option 3 ID : **9489111945**
Option 4 ID : **9489111948**
Status : **Answered**
Chosen Option : **2**

Q.100 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans
- ✗ 1. Leopard
- ✓ 2. Fox
- ✗ 3. Wildcat
- ✗ 4. Tiger

Question ID : **948911493**
Option 1 ID : **9489111971**
Option 2 ID : **9489111970**
Option 3 ID : **9489111972**
Option 4 ID : **9489111969**
Status : **Answered**
Chosen Option : **2**