रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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

Participant ID	Join YouTube Channel
Participant Name	Join YouTube Channel
Test Center Name	TCS Gito Bitan
Test Date	28/12/2020
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 For any natural number n, $6^n - 5^n$ always ends with :

Ans ✗ 1. 5

✗ 2. 3

✗ 3. 7

✔ 4. 1

Question ID : **948911852**
Option 1 ID : **9489113406**
Option 2 ID : **9489113407**
Option 3 ID : **9489113405**
Option 4 ID : **9489113408**
Status : **Answered**
Chosen Option : **4**

Q.2 A can complete a piece of work in 20 days and B alone can complete the work in 30 days. Due to some other work, A had to leave the work before completion and for the last 5 days B alone did the work. The total time taken to complete the work is:

Ans

✗ 1. 12 days

✗ 2. 18 days

✔ 3. 15 days

✗ 4. 20 days

Question ID : **948911861**
Option 1 ID : **9489113441**
Option 2 ID : **9489113443**
Option 3 ID : **9489113442**
Option 4 ID : **9489113444**
Status : **Answered**
Chosen Option : **3**

Q.3 The numerator of a fraction is 2 less than the denominator. If the numerator is multiplied by 2 and the denominator is multiplied by 3, then the fraction becomes $\frac{2}{9}$. The fraction is:

Ans

✗ 1. $\dfrac{5}{7}$

✗ 2. $\dfrac{3}{5}$

✗ 3. $\dfrac{7}{9}$

✔ 4. $\dfrac{1}{3}$

Question ID : **948911849**
Option 1 ID : **9489113394**
Option 2 ID : **9489113395**
Option 3 ID : **9489113393**
Option 4 ID : **9489113396**
Status : **Answered**
Chosen Option : **4**

Q.4 The sum of two numbers is 1500. Their LCM is 16379. Two numbers are:

Ans ✔ 1. 1489, 11

✘ 2. 1479, 21

✘ 3. 1453, 47

✘ 4. 1053, 447

Question ID : **948911853**
Option 1 ID : **9489113411**
Option 2 ID : **9489113412**
Option 3 ID : **9489113410**
Option 4 ID : **9489113409**
Status : **Answered**
Chosen Option : **1**

Q.5 Which of the following is NOT a part of the circulatory system?

Ans ✘ 1. Blood

✘ 2. Heart

✔ 3. Large intestine

✘ 4. Arteries

Question ID : **948911914**
Option 1 ID : **9489113655**
Option 2 ID : **9489113654**
Option 3 ID : **9489113653**
Option 4 ID : **9489113656**
Status : **Answered**
Chosen Option : **3**

Q.6 The Global Climate Change Alliance is an initiative of:

Ans ✔ 1. European Union

✘ 2. Continental Union

✘ 3. World Union

✘ 4. Greek Union

Question ID : **948911935**
Option 1 ID : **9489113737**
Option 2 ID : **9489113738**
Option 3 ID : **9489113739**
Option 4 ID : **9489113740**
Status : **Answered**
Chosen Option : **1**

Q.7 A number was increased by 40% and there after decreased by 40%. The net change in the number in percentage is:

Ans
   ✗ 1. no change

   ✗ 2. 16% increase

   ✓ 3. 16% decrease

   ✗ 4. 32% decrease

> Question ID : **948911857**
> Option 1 ID : **9489113427**
> Option 2 ID : **9489113425**
> Option 3 ID : **9489113426**
> Option 4 ID : **9489113428**
> Status : **Answered**
> Chosen Option : **3**

Q.8 Yen is the currency of:

Ans
   ✓ 1. Japan

   ✗ 2. Bali

   ✗ 3. Maldives

   ✗ 4. South Korea

> Question ID : **948911925**
> Option 1 ID : **9489113699**
> Option 2 ID : **9489113700**
> Option 3 ID : **9489113697**
> Option 4 ID : **9489113698**
> Status : **Answered**
> Chosen Option : **1**

Q.9 Who gave the idea of a constituent assembly of India for the first time?

Ans
   ✗ 1. Dr Rajendra Prasad

   ✓ 2. M N Roy

   ✗ 3. B N Rau

   ✗ 4. B R Ambedkar

> Question ID : **948911927**
> Option 1 ID : **9489113706**
> Option 2 ID : **9489113705**
> Option 3 ID : **9489113707**
> Option 4 ID : **9489113708**
> Status : **Answered**
> Chosen Option : **2**

Q.10 The capacity of working by A and B is in the ratio 3 : 4. If A takes 12 days to finish the work, the time taken by B to finish the same work is:

Ans ✔ 1. 9 days

✘ 2. 16 days

✘ 3. 18 days

✘ 4. 12 days

Question ID : **948911863**
Option 1 ID : **9489113452**
Option 2 ID : **9489113449**
Option 3 ID : **9489113450**
Option 4 ID : **9489113451**
Status : **Answered**
Chosen Option : **1**

Q.11 The region of planet Earth, where life exists is known as

Ans ✔ 1. Biosphere

✘ 2. Atmosphere

✘ 3. Cryosphere

✘ 4. Hemisphere

Question ID : **948911923**
Option 1 ID : **9489113691**
Option 2 ID : **9489113689**
Option 3 ID : **9489113690**
Option 4 ID : **9489113692**
Status : **Answered**
Chosen Option : **1**

Q.12 Which of the following Awards is associated with only Music?

Ans ✔ 1. Grammy

✘ 2. Tagore

✘ 3. Oscar

✘ 4. Cannes

Question ID : **948911907**
Option 1 ID : **9489113627**
Option 2 ID : **9489113626**
Option 3 ID : **9489113625**
Option 4 ID : **9489113628**
Status : **Answered**
Chosen Option : **1**

Q.13 If AMBER = 27 and BROWN = 14, then GREEN will be equal to:

Ans   ✗ 1. 28

      ✔ 2. 36

      ✗ 3. 39

      ✗ 4. 24

Question ID : **9489111179**
Option 1 ID : **9489114714**
Option 2 ID : **9489114715**
Option 3 ID : **9489114716**
Option 4 ID : **9489114713**
Status : **Not Answered**
Chosen Option : **--**

Q.14 The first attempt to calculate national income in India was made by:

Ans   ✗ 1. VKRV Rao

      ✗ 2. SD Tendulkar

      ✗ 3. PC Mahalanobis

      ✔ 4. Dadabhai Naoroji

Question ID : **948911939**
Option 1 ID : **9489113755**
Option 2 ID : **9489113754**
Option 3 ID : **9489113753**
Option 4 ID : **9489113756**
Status : **Answered**
Chosen Option : **4**

Q.15 According to which law, at constant temperature, the volume of a gas is inversely proportional to pressure?

Ans   ✗ 1. Graham's Law

      ✗ 2. Charle's Law

      ✔ 3. Boyle's Law

      ✗ 4. Gay-Lussac's Law

Question ID : **948911913**
Option 1 ID : **9489113651**
Option 2 ID : **9489113649**
Option 3 ID : **9489113652**
Option 4 ID : **9489113650**
Status : **Answered**
Chosen Option : **3**

Q.16 Read the given statements and conclusions (options) carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide from the options given which conclusion logically follows from the statements.

Statements:

1. No pilots are amateurs.

2. A few amateurs are players.

Ans
✔ 1. Some amateurs are not players

✘ 2. Some pilots are players

✘ 3. Some players are pilots

✘ 4. Some pilots are not players

Question ID : **9489111180**
Option 1 ID : **9489114720**
Option 2 ID : **9489114717**
Option 3 ID : **9489114718**
Option 4 ID : **9489114719**
Status : **Answered**
Chosen Option : **1**

Q.17 Where is the headquarters of United Nations Security Council located?

Ans
✘ 1. New Jersey

✘ 2. Chicago

✔ 3. New York

✘ 4. Boston

Question ID : **948911933**
Option 1 ID : **9489113732**
Option 2 ID : **9489113731**
Option 3 ID : **9489113730**
Option 4 ID : **9489113729**
Status : **Answered**
Chosen Option : **3**

Q.18 Jan Shikshan Sansthan (JSS) operates under the aegis of:

Ans
✗ 1. Ministry of Home Affairs

✗ 2. Ministry of Defence

✔ 3. Ministry of Skill Development and Entrepreneurship

✗ 4. Ministry of Human Resource Development

Question ID : **948911942**
Option 1 ID : **9489113768**
Option 2 ID : **9489113766**
Option 3 ID : **9489113767**
Option 4 ID : **9489113765**
Status : **Answered**
Chosen Option : **4**

Q.19 If $x = a \sin t, y = b \tan t$, then $\dfrac{a^2}{x^2} - \dfrac{b^2}{y^2}$ is:

Ans
✗ 1. 0

✗ 2. 2

✗ 3. -1

✔ 4. 1

Question ID : **948911871**
Option 1 ID : **9489113482**
Option 2 ID : **9489113484**
Option 3 ID : **9489113483**
Option 4 ID : **9489113481**
Status : **Answered**
Chosen Option : **4**

Q.20 If $\cos 2\theta = \sin \theta$ and θ lies between 0 and 90°, then θ will be:

Ans
✗ 1. 45°

✗ 2. 90°

✔ 3. 30°

✗ 4. 60°

Question ID : **948911870**
Option 1 ID : **9489113479**
Option 2 ID : **9489113477**
Option 3 ID : **9489113480**
Option 4 ID : **9489113478**
Status : **Answered**
Chosen Option : **3**

Q.21 Who is called the father of taxonomy?

Ans ✗ 1. Engler

✗ 2. Eichler

✗ 3. Bentham and Hooker

✔ 4. Carl Linnaeus

Question ID : **948911916**
Option 1 ID : **9489113661**
Option 2 ID : **9489113664**
Option 3 ID : **9489113662**
Option 4 ID : **9489113663**
Status : **Answered**
Chosen Option : **4**

Q.22 Who among the following is a famous Santoor instrumentalist?

Ans ✔ 1. Shiv Kumar Sharma

✗ 2. Ustad Binda Khan

✗ 3. Sajjad Hussain

✗ 4. Nikhil Banerjee

Question ID : **948911908**
Option 1 ID : **9489113632**
Option 2 ID : **9489113630**
Option 3 ID : **9489113629**
Option 4 ID : **9489113631**
Status : **Answered**
Chosen Option : **1**

Q.23 ABC is an equilateral triangle. P, Q and R are the midpoints of sides AB, BC and AC respectively. The length of the side of the triangle is 4 cm. The area of triangle PQR is:

Ans ✗ 1. $\frac{\sqrt{3}}{9} cm^2$

✗ 2. $\frac{\sqrt{3}}{2} cm^2$

✔ 3. $\sqrt{3} cm^2$

✗ 4. $\frac{1}{4}\sqrt{3} cm^2$

Question ID : **948911873**
Option 1 ID : **9489113492**
Option 2 ID : **9489113491**
Option 3 ID : **9489113490**
Option 4 ID : **9489113489**
Status : **Answered**
Chosen Option : **3**

Q.24 Which of the following states has a Legislative Council?

Ans ✗ 1. Assam

✗ 2. Madhya Pradesh

✔ 3. Andhra Pradesh

✗ 4. Himachal Pradesh

Question ID : **948911929**
Option 1 ID : **9489113713**
Option 2 ID : **9489113714**
Option 3 ID : **9489113716**
Option 4 ID : **9489113715**
Status : **Answered**
Chosen Option : **3**

Q.25 Six friends are sitting around a round table. Mohan is sitting opposite Rohit who is sitting between Ram and Mohit. Mohit is sitting opposite Shyam. Who is sitting opposite Rohan?

Ans ✔ 1. Ram

✗ 2. Mohit

✗ 3. Shyam

✗ 4. Rohit

Question ID : **9489111202**
Option 1 ID : **9489114806**
Option 2 ID : **9489114808**
Option 3 ID : **9489114807**
Option 4 ID : **9489114805**
Status : **Answered**
Chosen Option : **1**

Q.26 If $P = 0.3 \times 0.3 + 0.03 \times 0.03 - 0.6 \times 0.03$ and $Q = 0.54$, then $\frac{P}{Q}$ is equal to:

Ans ✗ 1. 4.5

✗ 2. 0.45

✗ 3. 4.05

✔ 4. 0.135

Question ID : **948911851**
Option 1 ID : **9489113403**
Option 2 ID : **9489113404**
Option 3 ID : **9489113401**
Option 4 ID : **9489113402**
Status : **Not Answered**
Chosen Option : **--**

Q.27 A sum of money of ₹2600.00 was lent out in two parts in such a way that the simple interest on the first part at 10% per annum for 5 years is the same as the interest of the second part at 9% per annum for 6 years. The part lent out at 10% is -

Ans ✗ 1. ₹1150.00

✗ 2. ₹1250.00

✔ 3. ₹1350.00

✗ 4. ₹1450.00

Question ID : 948911859
Option 1 ID : 9489113433
Option 2 ID : 9489113434
Option 3 ID : 9489113435
Option 4 ID : 9489113436
Status : **Answered**
Chosen Option : 3

Q.28 The famous Gol Gumbaz is located in:

Ans ✔ 1. Karnataka

✗ 2. Rajasthan

✗ 3. Gujarat

✗ 4. Punjab

Question ID : 948911910
Option 1 ID : 9489113639
Option 2 ID : 9489113640
Option 3 ID : 9489113638
Option 4 ID : 9489113637
Status : **Answered**
Chosen Option : 1

Q.29 Choose the mirror image of the following A!B@C#D$E%

Ans ✗ 1. #ƎꙄ◊⵿C%B!A

✔ 2. ◊⵿ƎꙄ#D@B!A %

✗ 3. #ƎꙄ◊⵿C@B!A

✗ 4. A!B©C#DꙄE◊⵿

Question ID : 9489111184
Option 1 ID : 9489114734
Option 2 ID : 9489114735
Option 3 ID : 9489114736
Option 4 ID : 9489114733
Status : **Answered**
Chosen Option : 2

Q.30 Select the option that is related to the third term in the same way as the second term is related to the first term.

Dog : Guard :: Horse : ?

Ans
✗ 1. Stable

✗ 2. Cart

✔ 3. Ride

✗ 4. Saddle

Question ID : **9489111175**
Option 1 ID : **9489114700**
Option 2 ID : **9489114698**
Option 3 ID : **9489114697**
Option 4 ID : **9489114699**
Status : **Answered**
Chosen Option : **3**

Q.31 If $p^2 + q^2 - r^2 = 0,$ then the value of $p^6 + q^6 - r^6 \div p^2 q^2 r^2,$ is:

Ans
✗ 1. 3

✗ 2. $\dfrac{1}{3}$

✔ 3. -3

✗ 4. 3pqr

Question ID : **948911866**
Option 1 ID : **9489113464**
Option 2 ID : **9489113463**
Option 3 ID : **9489113462**
Option 4 ID : **9489113461**
Status : **Answered**
Chosen Option : **3**

Q.32 A man invested $\frac{1}{2}$ of his capital at 5% rate of interest per annum, $\frac{1}{3}$ of his capital at 8% per annum and the remaining at 10% rate of interest per annum. His total income from the three investments is ₹820.00 in a year. The total capital invested is:

Ans
✗ 1. ₹16000.00

✗ 2. ₹6400.00

✗ 3. ₹8000.00

✔ 4. ₹12000.00

Question ID : **948911858**
Option 1 ID : **9489113429**
Option 2 ID : **9489113430**
Option 3 ID : **9489113431**
Option 4 ID : **9489113432**
Status : **Answered**
Chosen Option : **4**

Q.33 Select the number from among the given options that can replace the question mark (?) in the following matrix.

14	12	10	8
10	8	6	4
8	6	4	2
?	14	12	10

Ans
✗ 1. 12
✗ 2. 8
✔ 3. 16
✗ 4. 0

Question ID : **9489111199**
Option 1 ID : **9489114794**
Option 2 ID : **9489114796**
Option 3 ID : **9489114793**
Option 4 ID : **9489114795**
Status : **Answered**
Chosen Option : **3**

Q.34 Out of the four number-pair listed, three are alike in some manner and one is different. Select the odd one.

Ans
✗ 1. 4 – 64
✔ 2. 7 – 27
✗ 3. 6 – 216
✗ 4. 9 – 729

Question ID : **9489111193**
Option 1 ID : **9489114770**
Option 2 ID : **9489114772**
Option 3 ID : **9489114771**
Option 4 ID : **9489114769**
Status : **Answered**
Chosen Option : **2**

Q.35 The Moplah Rebellion took place between the years:

Ans
✗ 1. 1914-1915
✗ 2. 1923-1924
✗ 3. 1917-1919
✔ 4. 1921-1922

Question ID : **948911919**
Option 1 ID : **9489113674**
Option 2 ID : **9489113676**
Option 3 ID : **9489113673**
Option 4 ID : **9489113675**
Status : **Answered**
Chosen Option : **4**

Q.36 Read the following information and answer the question that follows.

(i)   I, J, K, L, M and N are playing hockey.

(ii)   I and M are sisters and N is the brother of M.

(iii)   K is the only son of I's paternal uncle.

(iv)   J and L are the sons of a brother of K's father.

How K is related to M?

Ans ✔ 1. Cousin
     ✘ 2. Sister
     ✘ 3. Uncle
     ✘ 4. Brother

Question ID : **9489111201**
Option 1 ID : **9489114801**
Option 2 ID : **9489114802**
Option 3 ID : **9489114804**
Option 4 ID : **9489114803**
Status : **Answered**
Chosen Option : **1**

Q.37 The length of the longest pole, that could be placed in a room of dimensions 10 m, 8 m and 6 m, is:

Ans ✘ 1. 18 m
     ✘ 2. 14 m
     ✔ 3. $10 \times \sqrt{2}$ m
     ✘ 4. 15 m

Question ID : **948911865**
Option 1 ID : **9489113460**
Option 2 ID : **9489113458**
Option 3 ID : **9489113459**
Option 4 ID : **9489113457**
Status : **Answered**
Chosen Option : **3**

Q.38 Which of the following was given the Filmfare Award for Best Film in 2020?

Ans
✗ 1. Article 15
✔ 2. Gully Boy
✗ 3. Andhadhun
✗ 4. Padman

Question ID : **948911904**
Option 1 ID : **9489113613**
Option 2 ID : **9489113615**
Option 3 ID : **9489113616**
Option 4 ID : **9489113614**
Status : **Answered**
Chosen Option : **2**

Q.39 Sita took an auto from her home in Andheri (A) to go to her college in Fatehpuri (F). Rather than continuing straight on the direct road to the college that had no turns, the auto driver took a diversion after 10 km and turned right at Bandra (B) crossing, then at Colaba T- point (C) after 8 km turned left, again after covering 12 km turned left at Dalhousi Building (D) and soon after 8 km turned right at Elphinston point (E) and after covering 4 km reached Fatehpuri (F). Had the auto driver taken the direct route how much less distance would Sita have actually travelled between the starting point and the destination?

Ans
✗ 1. 12 km
✗ 2. 10 km
✗ 3. 18 km
✔ 4. 16 km

Question ID : **9489111203**
Option 1 ID : **9489114811**
Option 2 ID : **9489114812**
Option 3 ID : **9489114810**
Option 4 ID : **9489114809**
Status : **Answered**
Chosen Option : **4**

Q.40 Jallianwala Bagh massacre took place during the term of Viceroy:

Ans
✗ 1. Lord Irwin
✔ 2. Lord Chelmsford
✗ 3. Lord Dalhousie
✗ 4. Lord Ripon

Question ID : **948911920**
Option 1 ID : **9489113679**
Option 2 ID : **9489113680**
Option 3 ID : **9489113678**
Option 4 ID : **9489113677**
Status : **Answered**
Chosen Option : **2**

Q.41 The smallest square number which is exactly divisible by 12, 15 and 18 is:

Ans ✗ 1. 625

✗ 2. 1225

✔ 3. 900

✗ 4. 400

Question ID : **948911850**
Option 1 ID : **9489113398**
Option 2 ID : **9489113400**
Option 3 ID : **9489113399**
Option 4 ID : **9489113397**
Status : **Answered**
Chosen Option : **3**

Q.42 On which date did Jallianwala Bagh massacre take place?

Ans ✔ 1. 13th April, 1919

✗ 2. 30th April, 1919

✗ 3. 30th April, 1920

✗ 4. 13th April, 1920

Question ID : **948911917**
Option 1 ID : **9489113666**
Option 2 ID : **9489113665**
Option 3 ID : **9489113667**
Option 4 ID : **9489113668**
Status : **Answered**
Chosen Option : **1**

Q.43 Which of the following projects is in Uttarakhand?

Ans ✗ 1. Chamera Hydroelectric Project

✔ 2. Tehri Hydro Power Complex

✗ 3. Koyna Hydroelectric Project

✗ 4. Sharavathi Hydroelectric Project

Question ID : **948911941**
Option 1 ID : **9489113764**
Option 2 ID : **9489113761**
Option 3 ID : **9489113762**
Option 4 ID : **9489113763**
Status : **Answered**
Chosen Option : **2**

Q.44 In a certain code language, MAHARAJA is written as ZNUNENWN. How will RAINDROP be coded as in that language?

Ans   ✔ 1. ENVAQEBC

        ✘ 2. ENVAEQBC

        ✘ 3. EVNAQEBC

        ✘ 4. ENAVQEBC

Question ID : **9489111176**
Option 1 ID : **9489114703**
Option 2 ID : **9489114704**
Option 3 ID : **9489114702**
Option 4 ID : **9489114701**
Status : **Answered**
Chosen Option : **1**

Q.45 The Theory of Relativity is associated with:

Ans   ✘ 1. Newton

        ✘ 2. Kelvin

   ✘ 3. WC Rontgen

        ✔ 4. Albert Einstein

Question ID : **948911912**
Option 1 ID : **9489113645**
Option 2 ID : **9489113646**
Option 3 ID : **9489113647**
Option 4 ID : **9489113648**
Status : **Answered**
Chosen Option : **4**

Q.46 What is Net National Product (NNP)?

Ans   ✔ 1. NNP = GNP − Depreciation

        ✘ 2. NNP = GDP + Income from abroad

        ✘ 3. NNP = GDP − Income from abroad

        ✘ 4. NNP = GNP + Depreciation

Question ID : **948911940**
Option 1 ID : **9489113757**
Option 2 ID : **9489113759**
Option 3 ID : **9489113760**
Option 4 ID : **9489113758**
Status : **Answered**
Chosen Option : **1**

Q.47 The revenue earned by Company A in 2001 is ₹6,300 crore, that earned in 2010 is ₹8,100 crore and that earned in 2015 is ₹10,800 crore. What is the ratio of the increase in revenue between 2001 to 2010 and between 2010 to 2015?

REVENUE in crores
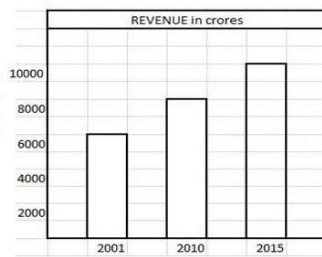
Ans
1. 2 : 3 ✔
2. 1 : 2 ✘
3. 1 : 1 ✘
4. 3 : 2 ✘

Question ID : **9489111192**
Option 1 ID : **9489114765**
Option 2 ID : **9489114768**
Option 3 ID : **9489114766**
Option 4 ID : **9489114767**
Status : **Answered**
Chosen Option : **1**

Q.48 Bhabha Atomic Research Centre (BARC) is located in:

Ans
1. Chennai ✘
2. Tarapur ✘
3. Hyderabad ✘
4. Mumbai ✔

Question ID : **948911930**
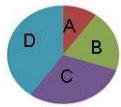Option 1 ID : **9489113718**
Option 2 ID : **9489113720**
Option 3 ID : **9489113719**
Option 4 ID : **9489113717**
Status : **Answered**
Chosen Option : **2**

Q.49 Of the 360 students who sat for Class X Board exams, 10% students scored A grade, 20% students scored B grade, 30% students scored C grade and 40% scored D grade. From the given pie chart, find the total number of students who scored Grade A and Grade B.

Ans
✓ 1. 108
✗ 2. 144
✗ 3. 72
✗ 4. 36

Question ID : **9489111189**
Option 1 ID : **9489114755**
Option 2 ID : **9489114753**
Option 3 ID : **9489114754**
Option 4 ID : **9489114756**
Status : **Answered**
Chosen Option : **1**

Q.50 Choose the mirror image of CHIVALRY

Ans
✗ 1. YRALIVHC
✓ 2. YRLAVIHC
✗ 3. YRLVAIHC
✗ 4. CIHAVTRY

Question ID : **9489111183**
Option 1 ID : **9489114730**
Option 2 ID : **9489114729**
Option 3 ID : **9489114731**
Option 4 ID : **9489114732**
Status : **Answered**
Chosen Option : **2**

Q.51 The process of taking out stored results out of physical memory of Computers is known as:

Ans
✗ 1. input process
✗ 2. processing
✗ 3. programming
✓ 4. output process

Question ID : **948911936**
Option 1 ID : **9489113741**
Option 2 ID : **9489113742**
Option 3 ID : **9489113744**
Option 4 ID : **9489113743**
Status : **Answered**
Chosen Option : **4**

Q.52 Who fought the Battle of Plassey against the East India Company?

Ans
✗ 1. Alivardi Khan

✗ 2. Tipu Sultan

✗ 3. Mir Jafar

✔ 4. Sirajuddaulah

Question ID : **948911918**
Option 1 ID : **9489113669**
Option 2 ID : **9489113671**
Option 3 ID : **9489113670**
Option 4 ID : **9489113672**
Status : **Answered**
Chosen Option : **4**

Q.53 Given below is the marks obtained by 20 students in mathematics out of 30 marks.

7, 9, 12, 12, 13, 12, 14, 14, 14, 14, 15, 16, 17, 18, 18, 19, 20, 18, 20, 13. Then $(2 \times \text{median} - \text{mode})$ of the data is equal to:

Ans
✔ 1. 14

✗ 2. 0

✗ 3. 12

✗ 4. 18

Question ID : **948911868**
Option 1 ID : **9489113469**
Option 2 ID : **9489113471**
Option 3 ID : **9489113472**
Option 4 ID : **9489113470**
Status : **Answered**
Chosen Option : **1**

Q.54 The radius of the circumcircle of an equilateral triangle of $\sqrt{3}$ unit side, is:

Ans
✗ 1. $\frac{1}{4}$ unit

✗ 2. $\frac{2}{3}$ unit

✗ 3. $\frac{1}{2}$ unit

✔ 4. 1 unit

Question ID : **948911864**
Option 1 ID : **9489113455**
Option 2 ID : **9489113456**
Option 3 ID : **9489113454**
Option 4 ID : **9489113453**
Status : **Answered**
Chosen Option : **3**

Q.55 Glowing surface of the sun is known as:

Ans ✔ 1. photosphere

✘ 2. atmosphere

✘ 3. lithosphere

✘ 4. chromosphere

Question ID : **948911922**
Option 1 ID : **9489113686**
Option 2 ID : **9489113688**
Option 3 ID : **9489113687**
Option 4 ID : **9489113685**
Status : **Not Answered**
Chosen Option : **--**

Q.56 The Tri-Color which was hoisted in Stuttgart by Madam Cama was smuggled into British India by:

Ans ✘ 1. Kishan Singh

✘ 2. Veer Savarkar

✘ 3. Bhikaji Cama

✔ 4. Indulal Yagnik

Question ID : **948911921**
Option 1 ID : **9489113684**
Option 2 ID : **9489113681**
Option 3 ID : **9489113683**
Option 4 ID : **9489113682**
Status : **Not Answered**
Chosen Option : **--**

Q.57 The smallest number which should be subtracted from the smallest number of four digits to make it a perfect square is:

Ans ✘ 1. 120

✔ 2. 39

✘ 3. 159

✘ 4. 24

Question ID : **948911844**
Option 1 ID : **9489113376**
Option 2 ID : **9489113373**
Option 3 ID : **9489113374**
Option 4 ID : **9489113375**
Status : **Answered**
Chosen Option : **2**

Q.58 If x satisfies the equation $x^2 - 2x + 1 = 0$, then the value of $x^3 - \frac{1}{x^3}$ is:

Ans

✗ 1. 1

✗ 2. -1

✗ 3. $\frac{1}{3}$

✔ 4. 0

Q.59 Which Nation has hosted the Commonwealth Games five times?

Ans

✔ 1. Australia

✗ 2. England

✗ 3. Canada

✗ 4. New Zealand

Q.60 Which of the following is NOT a part of auxiliary memories in a Computer system?

Ans

✗ 1. Floppy

✗ 2. Magnetic tapes

✔ 3. PROM

✗ 4. CD-ROM

Q.61 The first Indian Communication satellite is:

Ans
 ✗ 1. Aryabhata
 ✗ 2. Rohini
 ✗ 3. MOM
 ✔ 4. APPLE

Question ID : **948911931**
Option 1 ID : **9489113721**
Option 2 ID : **9489113724**
Option 3 ID : **9489113723**
Option 4 ID : **9489113722**
Status : **Answered**
Chosen Option : **1**

Q.62 Which of the following is a scalar quantity?

Ans
 ✗ 1. Momentum
 ✗ 2. Force
 ✔ 3. Mass
 ✗ 4. Velocity

Question ID : **948911911**
Option 1 ID : **9489113644**
Option 2 ID : **9489113642**
Option 3 ID : **9489113641**
Option 4 ID : **9489113643**
Status : **Answered**
Chosen Option : **3**

Q.63 Three persons invested an amount of money in a business in the ratio $\frac{1}{2} : \frac{1}{3} : \frac{1}{4}$. At the end of a year, the total profit was ₹15600. The largest share received in profit will be:

Ans
 ✔ 1. ₹7200
 ✗ 2. ₹8000
 ✗ 3. ₹7500
 ✗ 4. ₹7000

Question ID : **948911855**
Option 1 ID : **9489113417**
Option 2 ID : **9489113419**
Option 3 ID : **9489113420**
Option 4 ID : **9489113418**
Status : **Answered**
Chosen Option : **1**

Q.64 Solve the following:

$$\frac{1}{2} \times \frac{2}{3} - \frac{3}{4}\left(\frac{1}{2} \times \frac{1}{3} + \frac{5}{6}\right) \times \frac{4}{21} = ?$$

Ans ✗ 1. 2

✗ 2. $\dfrac{1}{3}$

✗ 3. $\dfrac{1}{2}$

✔ 4. $\dfrac{4}{21}$

Question ID : **948911848**
Option 1 ID : **9489113392**
Option 2 ID : **9489113391**
Option 3 ID : **9489113390**
Option 4 ID : **9489113389**
Status : **Answered**
Chosen Option : **4**

Q.65 If $\dfrac{\sqrt{19 - x\sqrt{12}}}{1} = \sqrt{4} - \sqrt{3},$ then the value of x is equal to:

Ans ✗ 1. $\sqrt{3} + 2$

✔ 2. $2 + 2\sqrt{3}$

✗ 3. $\sqrt{3} - 2$

✗ 4. $2 + 4\sqrt{3}$

Question ID : **948911845**
Option 1 ID : **9489113379**
Option 2 ID : **9489113377**
Option 3 ID : **9489113380**
Option 4 ID : **9489113378**
Status : **Answered**
Chosen Option : **2**

Q.66 49th parallel is a boundary between:

Ans
- ✗ 1. India and Pakistan
- ✗ 2. France and Germany
- ✗ 3. North Korea and South Korea
- ✔ 4. USA and Canada

Question ID : **948911926**
Option 1 ID : **9489113701**
Option 2 ID : **9489113702**
Option 3 ID : **9489113704**
Option 4 ID : **9489113703**
Status : **Answered**
Chosen Option : **4**

Q.67 The difference between the mean of the first eight composite natural numbers and the mean of the first eight prime numbers, is:

Ans
- ✗ 1. $\dfrac{3}{20}$
- ✗ 2. $\dfrac{1}{5}$
- ✔ 3. $\dfrac{1}{8}$
- ✗ 4. $\dfrac{1}{4}$

Question ID : **948911872**
Option 1 ID : **9489113486**
Option 2 ID : **9489113487**
Option 3 ID : **9489113485**
Option 4 ID : **9489113488**
Status : **Answered**
Chosen Option : **3**

Q.68 Which colour is associated with the revolution in fertilisers?

Ans
- ✔ 1. Grey
- ✗ 2. Black
- ✗ 3. Golden
- ✗ 4. Pink

Question ID : **948911924**
Option 1 ID : **9489113695**
Option 2 ID : **9489113696**
Option 3 ID : **9489113693**
Option 4 ID : **9489113694**
Status : **Answered**
Chosen Option : **1**

Q.69 In a school, the average age of boys and girls together is 16.8 years, the average age of boys is 15.4 years, and the average age of girls is 18.2 years. The ratio of number of boys to girls in the school is:

Ans ✗ 1. 2 : 3

✔ 2. 1 : 1

✗ 3. 3 : 2

✗ 4. 3 : 5

Question ID : 948911854
Option 1 ID : 9489113415
Option 2 ID : 9489113416
Option 3 ID : 9489113413
Option 4 ID : 9489113414
Status : Answered
Chosen Option : 2

Q.70 The Sahitya Academy is head quartered at: _____.

Ans ✗ 1. Mumbai

✗ 2. Bangalore

✗ 3. Hyderabad

✔ 4. New Delhi

Question ID : 948911909
Option 1 ID : 9489113633
Option 2 ID : 9489113636
Option 3 ID : 9489113635
Option 4 ID : 9489113634
Status : Answered
Chosen Option : 4

Q.71 If $P = 2 + 0.2 \div (0.2 \times 2) - 1 \times 2$

$Q = 2 - 0.2 \div (0.2 \times 2) - \frac{1}{2} \times 2$, then $\frac{P}{Q}$ is the equal to:

Ans ✔ 1. 1.0

✗ 2. 1.5

✗ 3. -0.5

✗ 4. 0.5

Question ID : 948911847
Option 1 ID : 9489113387
Option 2 ID : 9489113386
Option 3 ID : 9489113388
Option 4 ID : 9489113385
Status : Answered
Chosen Option : 1

Q.72 The "Indradhanush" framework, an Indian government initiative, is for:

Ans
✗ 1. resource mobilisation

✗ 2. capacity building in Private Sector Banks

✔ 3. revamping of Public Sector Banks

✗ 4. revamping of Private Sector Banks

Question ID : **948911943**
Option 1 ID : **9489113772**
Option 2 ID : **9489113771**
Option 3 ID : **9489113769**
Option 4 ID : **9489113770**
Status : **Not Answered**
Chosen Option : **--**

Q.73 If 'A' means '+', 'S' means '−', 'M' means '×', 'D' means '÷', 'B' means '(' and 'F' means ')', then solve the following expression:

B700A110S90FDB9M10S10F

Ans
✔ 1. 9

✗ 2. 7

✗ 3. 10

✗ 4. 90

Question ID : **9489111188**
Option 1 ID : **9489114749**
Option 2 ID : **9489114752**
Option 3 ID : **9489114751**
Option 4 ID : **9489114750**
Status : **Answered**
Chosen Option : **1**

Q.74 Lichen is an organism which monitors:

Ans
✗ 1. water pollution

✗ 2. gas pollution

✔ 3. air pollution

✗ 4. soil pollution

Question ID : **948911934**
Option 1 ID : **9489113733**
Option 2 ID : **9489113736**
Option 3 ID : **9489113734**
Option 4 ID : **9489113735**
Status : **Answered**
Chosen Option : **3**

Q.75 By which of the following Amendments of the Constitution, Fundamental Duties of the citizens were added to the Constitution of India?

Ans
- ✔ 1. 42nd Constitutional Amendment Act
- ✘ 2. 35th Constitutional Amendment Act
- ✘ 3. 44th Constitutional Amendment Act
- ✘ 4. 36th Constitutional Amendment Act

Question ID : **948911928**
Option 1 ID : **9489113711**
Option 2 ID : **9489113709**
Option 3 ID : **9489113712**
Option 4 ID : **9489113710**
Status : **Answered**
Chosen Option : **1**

Q.76 ABCD is a parallelogram. Side BC is produced to E such that BC = CE. Join AE which intersects side CD at P. The area of triangle ABE is:

Ans
- ✘ 1. = to $\frac{1}{3}$ of the area of parallelogram ABCD
- ✘ 2. less than the area of parallelogram ABCD
- ✔ 3. = to the area of parallelogram ABCD
- ✘ 4. = to $\frac{1}{2}$ of the area of parallelogram ABCD

Question ID : **948911869**
Option 1 ID : **9489113475**
Option 2 ID : **9489113476**
Option 3 ID : **9489113473**
Option 4 ID : **9489113474**
Status : **Not Answered**
Chosen Option : **--**

Q.77 An article was sold at a gain of 12%. Had it been sold for ₹33 more, the gain would have been 14%.

The cost price of the article is:

Ans
- ✘ 1. ₹1800.00
- ✘ 2. ₹1850.00
- ✘ 3. ₹1750.00
- ✔ 4. ₹1650.00

Question ID : **948911860**
Option 1 ID : **9489113440**
Option 2 ID : **9489113438**
Option 3 ID : **9489113439**
Option 4 ID : **9489113437**
Status : **Answered**
Chosen Option : **4**

Q.78 The disease related with apple is known as:

Ans
   ✗ 1. green ear disease

   ✗ 2. red rust disease

   ✔ 3. fire blight

   ✗ 4. tikka disease

<div align="right">

Question ID : **948911915**
Option 1 ID : **9489113660**
Option 2 ID : **9489113658**
Option 3 ID : **9489113659**
Option 4 ID : **9489113657**
Status : **Not Answered**
Chosen Option : **--**

</div>

Q.79 What does NIU stand for in information technology?

Ans
   ✔ 1. Network Interface Unit

   ✗ 2. Networking Internal Unit

   ✗ 3. National Information Usage

   ✗ 4. Nominal Internal Unit

<div align="right">

Question ID : **948911938**
Option 1 ID : **9489113750**
Option 2 ID : **9489113752**
Option 3 ID : **9489113751**
Option 4 ID : **9489113749**
Status : **Not Answered**
Chosen Option : **--**

</div>

Q.80 Who received the Nobel Prize for Economic Sciences in 2020?

Ans
   ✗ 1. Dennis Mukherjee

   ✗ 2. George Smith

   ✗ 3. James P. Allison

   ✔ 4. Robert B. Wilson

<div align="right">

Question ID : **948911906**
Option 1 ID : **9489113622**
Option 2 ID : **9489113621**
Option 3 ID : **9489113623**
Option 4 ID : **9489113624**
Status : **Answered**
Chosen Option : **4**

</div>

Q.81 If $\sqrt{2} + \sqrt{x} = \sqrt{3},$ then the value of x is equal to:

Ans

✗ 1. $-2\sqrt{6} - 5$

✗ 2. $2\sqrt{6} - 5$

✗ 3. $5 + 2\sqrt{6}$

✓ 4. $5 - 2\sqrt{6}$

Question ID : **948911846**
Option 1 ID : **9489113384**
Option 2 ID : **9489113383**
Option 3 ID : **9489113382**
Option 4 ID : **9489113381**
Status : **Answered**
Chosen Option : **4**

Q.82 India's 1st atomic power station was commissioned in:

Ans

✗ 1. 1967

✓ 2. 1969

✗ 3. 1968

✗ 4. 1966

Question ID : **948911932**
Option 1 ID : **9489113727**
Option 2 ID : **9489113725**
Option 3 ID : **9489113726**
Option 4 ID : **9489113728**
Status : **Not Answered**
Chosen Option : **--**

Q.83 The following table shows the Air Quality Index (AQI) (PM2.5) for the four weeks of February 2018. What is the difference in the average of AQI in Kolkata and Delhi in the month of February?

Toxic Trend Air Quality Index		
Period	Kolkata	Delhi
February 1st-7th	306	248
February 8th-14th	288	246
February 15th-21st	274	246
February 22nd-28th	172	236

Ans
✗ 1. 14
✗ 2. 18
✗ 3. 12
✔ 4. 16

Question ID : **9489111190**
Option 1 ID : **9489114759**
Option 2 ID : **9489114760**
Option 3 ID : **9489114758**
Option 4 ID : **9489114757**
Status : **Answered**
Chosen Option : **4**

Q.84 In an election, there were only two candidates. The winning candidate got 48% of the total votes. His opponent got 6800 votes which was 34% of the total votes. Some of the votes were invalid. The winning margin of the candidate who won the election and the number of invalid votes respectively are:

Ans
✗ 1. 3200 votes, 3600 votes
✔ 2. 2800 votes, 3600 votes
✗ 3. 3600 votes, 2800 votes
✗ 4. 3000 votes, 3600 votes

Question ID : **948911856**
Option 1 ID : **9489113422**
Option 2 ID : **9489113421**
Option 3 ID : **9489113423**
Option 4 ID : **9489113424**
Status : **Answered**
Chosen Option : **2**

Q.85 A can complete a piece of work in 12 days. B is 20% less efficient than A. The number of days it will take for B to complete the work is:

Ans
  ✗ 1. 16 days
  ✗ 2. 20 days
  ✔ 3. 15 days
  ✗ 4. 18 days

Question ID : **948911862**
Option 1 ID : **9489113448**
Option 2 ID : **9489113447**
Option 3 ID : **9489113446**
Option 4 ID : **9489113445**
Status : **Answered**
Chosen Option : **3**

Q.86 In a certain code language, ACCESS is written as 13351919. How will EXCELLENCE be coded as in that language?

Ans
  ✗ 1. 53351414123435
  ✗ 2. 52345121414335
  ✗ 3. 524351414355
  ✔ 4. 52435121251435

Question ID : **9489111177**
Option 1 ID : **9489114708**
Option 2 ID : **9489114707**
Option 3 ID : **9489114705**
Option 4 ID : **9489114706**
Status : **Answered**
Chosen Option : **4**

Q.87 Shanti's daughter Chandini is married to Abhi. Anchal is married to Sandy, the grandson of Shanti. Abhi's grandson is Karan. Rashmi is the mother of Karan. Shaurya is Anchal's son. How is Shaurya related to Karan?

Ans
  ✗ 1. Son
  ✗ 2. Brother
  ✗ 3. Nephew
  ✔ 4. Cousin

Question ID : **9489111178**
Option 1 ID : **9489114710**
Option 2 ID : **9489114711**
Option 3 ID : **9489114709**
Option 4 ID : **9489114712**
Status : **Answered**
Chosen Option : **4**

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

ZaF, YbE, XcD, WdC, VeB, ?

Ans ✗ 1. UcD

✗ 2. UeA

✗ 3. UaB

✔ 4. UfA

Q.89 Select the figure that can replace the question mark (?) in the following series.
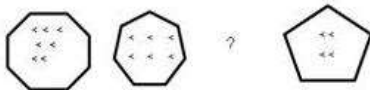
Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Q.90 Which of the following conclusions can be derived from the given statement?

Students have to pay fine for late payment of exam fees.

Ans ✗ 1. Students follow deadline only if penalised.

✔ 2. All fees are to be paid timely, else they must pay penalty.

✗ 3. Many students do not pay exam fee in time.

✗ 4.

Fines for late payment of exam fees is a large source of revenue.

Question ID : **9489111181**
Option 1 ID : **9489114722**
Option 2 ID : **9489114723**
Option 3 ID : **9489114721**
Option 4 ID : **9489114724**
Status : **Answered**
Chosen Option : **2**

Q.91 Select the option that is related to the third term in the same way as the second term is related to the first term.

Grasshopper : Insect :: Hyena : ?

Ans ✔ 1. Mammal

✗ 2. Reptile

✗ 3. Amphibian

✗ 4. Herbivore

Question ID : **9489111174**
Option 1 ID : **9489114696**
Option 2 ID : **9489114695**
Option 3 ID : **9489114694**
Option 4 ID : **9489114693**
Status : **Answered**
Chosen Option : **1**

Q.92 Out of the four sports listed, three are alike in some manner and one is different. Select the odd one.

Discus throw, Golf, Shot-put, Hammer throw

Ans ✗ 1. Hammer throw

✔ 2. Golf

✗ 3. Shot-put

✗ 4. Discus throw

Question ID : **9489111194**
Option 1 ID : **9489114776**
Option 2 ID : **9489114775**
Option 3 ID : **9489114774**
Option 4 ID : **9489114773**
Status : **Answered**
Chosen Option : **2**

Q.93 Which of the given options best classifies the following items:

Spear, Catapult, Pistol, Rifle

Ans ✗ 1. Cannon

✗ 2. Battle

✔ 3. Weapons

✗ 4. Guns

Q.94 There are four friends Sharayu, Pinky, Tanisha and Mamta. Two study in J college, one each in X college and A college. Each one is definitely good at one subject and one is good at all the subjects. The subjects are English, Science, Maths and Computers. Of those studying in J college, one is good at Maths and the other in all subjects. Tanisha is studying in A college. Pinky is good at Maths. Sharayu is not good at Science.

Find who is good at all the subjects.

Ans ✗ 1. Pinky

✗ 2. Tanisha

✗ 3. Sharayu

✔ 4. Mamta

Q.95 Select the figure from among the given options that when placed in the blank block with question marks (?) will complete the pattern.

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
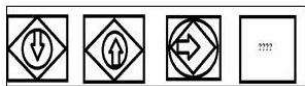
Question ID : **9489111196**
Option 1 ID : **9489114783**
Option 2 ID : **9489114784**
Option 3 ID : **9489114782**
Option 4 ID : **9489114781**
Status : **Answered**
Chosen Option : **2**

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

8, 18, 32, 50, ?

Ans
✔ 1. 72
✗ 2. 70
✗ 3. 62
✗ 4. 68

Question ID : **9489111186**
Option 1 ID : **9489114742**
Option 2 ID : **9489114744**
Option 3 ID : **9489114741**
Option 4 ID : **9489114743**
Status : **Answered**
Chosen Option : **1**

Q.97 Select the number from among the given options that can replace the question mark (?) in the following series.

19, 29, 59, 79, ?

Ans ✗ 1. 99

✔ 2. 89

✗ 3. 119

✗ 4. 109

Question ID : **9489111187**
Option 1 ID : **9489114746**
Option 2 ID : **9489114747**
Option 3 ID : **9489114748**
Option 4 ID : **9489114745**
Status : **Not Answered**
Chosen Option : **--**

Q.98 Which of the following conclusions can be derived from the given statement?

For applying for the post of lecturer, passing NET is mandatory.

Ans ✗ 1. NET helps to make people better teachers.

✗ 2. NET is a desirable qualification for college teaching.

✔ 3. Only those who pass NET qualify for college teaching.

✗ 4. NET gives one an advantage in teaching.

Question ID : **9489111182**
Option 1 ID : **9489114725**
Option 2 ID : **9489114727**
Option 3 ID : **9489114726**
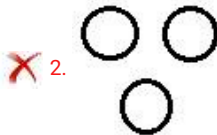Option 4 ID : **9489114728**
Status : **Answered**
Chosen Option : **3**

Q.99 Select the Venn diagram that best represents the relationship between the following classes.

Communication, Telephone, Letter

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Q.100 The table below gives the number of students passing an exam in a particular town.

Year	Girls	Boys
2016	128734	115526
2017	130567	124313
2018	129209	122131

Find the approximate average pass percentage in all three years, if the number of students appearing for the exam in any given year is 354000.

Ans ✘ 1. 74%

✘ 2. 68%

✔ 3. 71%

✘ 4. 73%