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	New Lucknow Montessori School
Test Date	13/03/2021
Test Time	10:30 AM - 12:00 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 Six boys P, Q, R, S, T and W are compared on the basis of their age (not necessarily in the same order). Age of no two boys is same. Only four boys are younger than Q. S is elder to P and R. T is elder to W and S.
Who is the eldest amongst them?

Ans
✗ 1. Q
✔ 2. T
✗ 3. P
✗ 4. W

Question ID : **9489119801**
Option 1 ID : **94891139204**
Option 2 ID : **94891139201**
Option 3 ID : **94891139202**
Option 4 ID : **94891139203**
Status : **Answered**
Chosen Option : **2**

Q.2 Select the number that will come next in the following series.

8, 12, 20, 32, 48, ?

Ans   ✗ 1. 60

✓ 2. 68

✗ 3. 64

✗ 4. 58

Question ID : **9489119785**
Option 1 ID : **94891139138**
Option 2 ID : **94891139137**
Option 3 ID : **94891139139**
Option 4 ID : **94891139140**
Status : **Answered**
Chosen Option : **2**

Q.3 Select the option that is related to the third word in the same way as the second word is related to the first word:

Bank : Loan : : Court : ?

Ans   ✗ 1. Law

✗ 2. Lawyer

✗ 3. Fees

✓ 4. Judgement

Question ID : **9489119795**
Option 1 ID : **94891139177**
Option 2 ID : **94891139178**
Option 3 ID : **94891139179**
Option 4 ID : **94891139180**
Status : **Answered**
Chosen Option : **4**

Q.4 In the State Emblem of India there is a quote saying 'Satyameva Jayate,' which is inscribed in Devanagari script. This quote has been taken from:

Ans   ✓ 1. Mundaka Upanishad

✗ 2. Katha Upanishad

✗ 3. Mantrika Upanishad

✗ 4. Adhyatma Upanishad

Question ID : **9489119809**
Option 1 ID : **94891139233**
Option 2 ID : **94891139234**
Option 3 ID : **94891139235**
Option 4 ID : **94891139236**
Status : **Answered**
Chosen Option : **1**

Q.5 _____ won the Bal Shakti Puraskar 2019 in the field of social service for his/her contribution to the environment. She/He is the youngest among all the award recipients.

Ans

✘ 1. Adrika Goyal

✘ 2. Angel Vijay Deokule

✔ 3. Eiha Dixit

✘ 4. Truptraj Atul Pandya

Question ID : **9489119807**
Option 1 ID : **94891139226**
Option 2 ID : **94891139227**
Option 3 ID : **94891139225**
Option 4 ID : **94891139228**
Status : **Answered**
Chosen Option : **3**

Q.6 If $x : y = 3 : 5$, then the value of $\dfrac{5x - 3y}{10x + 6y}$ is:

Ans

✘ 1. 1

✘ 2. 2

✔ 3. 0

✘ 4. −1

Question ID : **9489119167**
Option 1 ID : **94891136666**
Option 2 ID : **94891136665**
Option 3 ID : **94891136667**
Option 4 ID : **94891136668**
Status : **Answered**
Chosen Option : **3**

Q.7 Read the given statements and conclusions carefully and decide which of the conclusions logically follow(s) from the statements.

Statements:
1. Aarohi is fond of river-rafting.
2. River-rafting is an adventurous sport.

Conclusions:
1. Aarohi loves all adventurous sports.
2. Aarohi is an adventurous person.

Ans

✘ 1. Neither conclusion 1 nor 2 follows.

✘ 2. Both conclusions 1 and 2 follow.

✘ 3. Only conclusion 1 follows.

✔ 4. Only conclusion 2 follows.

Question ID : **9489119782**
Option 1 ID : **94891139128**
Option 2 ID : **94891139127**
Option 3 ID : **94891139125**
Option 4 ID : **94891139126**
Status : **Answered**
Chosen Option : **4**

Q.8 In which of the following decades was India's population growth recorded as a negative growth rate?

Ans
- ✗ 1. 1931-1941
- ✔ 2. 1911-1921
- ✗ 3. 1901-1911
- ✗ 4. 1921-1931

Question ID : **9489119824**
Option 1 ID : **94891139296**
Option 2 ID : **94891139294**
Option 3 ID : **94891139293**
Option 4 ID : **94891139295**
Status : **Answered**
Chosen Option : **3**

Q.9 If the centroid of the triangle formed by the points (3, 5) (−7, 4) (10, −6) is at the point (k, 1), then the value of k is:

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

Question ID : **9489119168**
Option 1 ID : **94891136671**
Option 2 ID : **94891136669**
Option 3 ID : **94891136672**
Option 4 ID : **94891136670**
Status : **Answered**
Chosen Option : **1**

Q.10 Arrange the names of the following Indian presidents in the descending order of their tenure.

A. Fakhruddin Ali Ahmed

B. Neelam Sanjiva Reddy

C. Dr. Zakir Hussain

D. Giani Zail Singh

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

Question ID : **9489119829**
Option 1 ID : **94891139315**
Option 2 ID : **94891139314**
Option 3 ID : **94891139316**
Option 4 ID : **94891139313**
Status : **Answered**
Chosen Option : **3**

Q.11 The greatest number, which will divide 39 and 84 to leave remainder 3 in each case, is:

Ans ✔ 1. 9

✗ 2. 4

✗ 3. 2

✗ 4. 6

Question ID : **9489119146**
Option 1 ID : **94891136582**
Option 2 ID : **94891136581**
Option 3 ID : **94891136584**
Option 4 ID : **94891136583**
Status : **Answered**
Chosen Option : **1**

Q.12 Which of the following disease does NOT spread through the air?

Ans ✗ 1. Tuberculosis

✗ 2. Pneumonia

✔ 3. Cholera

✗ 4. Common cold

Question ID : **9489119812**
Option 1 ID : **94891139248**
Option 2 ID : **94891139247**
Option 3 ID : **94891139245**
Option 4 ID : **94891139246**
Status : **Answered**
Chosen Option : **2**

Q.13 The headquarter of the Archaeological Survey of India is located in:

Ans ✔ 1. New Delhi

✗ 2. Mumbai

✗ 3. Jodhpur

✗ 4. Jaipur

Question ID : **9489119817**
Option 1 ID : **94891139267**
Option 2 ID : **94891139265**
Option 3 ID : **94891139266**
Option 4 ID : **94891139268**
Status : **Answered**
Chosen Option : **2**

Q.14 When was India's first semi-high speed train Vande Bharat Express flagged off by Prime Minister Narendra Modi?

Ans
✗ 1. 15th December 2018

✓ 2. 15th February 2019

✗ 3. 15th January 2019

✗ 4. 15th March 2019

Question ID : **9489119842**
Option 1 ID : **94891139368**
Option 2 ID : **94891139365**
Option 3 ID : **94891139366**
Option 4 ID : **94891139367**
Status : **Answered**
Chosen Option : **4**

Q.15 A cistern 8 m long and 4 m wide contains water up to a depth of 1 m 22 cm. Then the total area of the wet surface is:

Ans
✗ 1. 71.28 m^2

✗ 2. 51.28 m^2

✓ 3. 61.28 m^2

✗ 4. 81.28 m^2

Question ID : **9489119165**
Option 1 ID : **94891136657**
Option 2 ID : **94891136659**
Option 3 ID : **94891136658**
Option 4 ID : **94891136660**
Status : **Answered**
Chosen Option : **3**

Q.16 Kamal can complete a work in 14 days. Vimal is 40% more efficient than Kamal. The number of days Vimal will take to complete the same piece of work is:

Ans
✗ 1. 12 days

✗ 2. 14 days

✗ 3. 15 days

✓ 4. 10 days

Question ID : **9489119161**
Option 1 ID : **94891136643**
Option 2 ID : **94891136644**
Option 3 ID : **94891136641**
Option 4 ID : **94891136642**
Status : **Answered**
Chosen Option : **4**

Q.17 If we select 3 persons randomly from a group, consisting of 4 men, 3 women and 2 boys, then the probability that 2 men are selected is:

Ans

✔ 1. $\dfrac{5}{14}$

✘ 2. $\dfrac{7}{12}$

✘ 3. $\dfrac{3}{14}$

✘ 4. $\dfrac{5}{28}$

Question ID : **9489119173**
Option 1 ID : **94891136692**
Option 2 ID : **94891136690**
Option 3 ID : **94891136689**
Option 4 ID : **94891136691**
Status : **Answered**
Chosen Option : **3**

Q.18 Bengali writer, Rabindranath Tagore became the first Indian to win the Nobel Prize for Literature in the year _____ for his collection of poems called 'Gitanjali'.

Ans

✘ 1. 1917

✘ 2. 1953

✘ 3. 1910

✔ 4. 1913

Question ID : **9489119810**
Option 1 ID : **94891139240**
Option 2 ID : **94891139239**
Option 3 ID : **94891139237**
Option 4 ID : **94891139238**
Status : **Answered**
Chosen Option : **1**

Q.19 What will be the interest on the amount of ₹25,000 compounded annually at the rate of 4%, 5% and 6% per annum for the first, second and third year respectively?

Ans

✔ 1. ₹3938

✘ 2. ₹3939

✘ 3. ₹3838

✘ 4. ₹3839

Question ID : **9489119160**
Option 1 ID : **94891136638**
Option 2 ID : **94891136640**
Option 3 ID : **94891136637**
Option 4 ID : **94891136639**
Status : **Answered**
Chosen Option : **2**

Q.20 In March 2019, the Indian Open international snooker tournament, under the aegis of the World Professional Billiards and Snooker Association, was held at Kochi in Kerala. Who won the final of this tournament?

Ans ✔ 1. Matthew Selt

✘ 2. John Higgins

✘ 3. Lyu Haotian

✘ 4. Anthony Hamilton

Question ID : **9489119805**
Option 1 ID : **94891139220**
Option 2 ID : **94891139218**
Option 3 ID : **94891139217**
Option 4 ID : **94891139219**
Status : **Answered**
Chosen Option : **4**

Q.21 Where did President Ram Nath Kovind inaugurate the Festival of Innovation & Entrepreneurship (FINE) on 15 March 2019?

Ans ✘ 1. Lucknow, Uttar Pradesh

✔ 2. Gandhinagar, Gujarat

✘ 3. Vadodara, Gujarat

✘ 4. Surat, Gujarat

Question ID : **9489119804**
Option 1 ID : **94891139216**
Option 2 ID : **94891139214**
Option 3 ID : **94891139213**
Option 4 ID : **94891139215**
Status : **Answered**
Chosen Option : **1**

Q.22 Pick the odd one out.

Ans ✘ 1. Chocolate Milk

✔ 2. Milk Dairy

✘ 3. Milkshake

✘ 4. Milk Cake

Question ID : **9489119793**
Option 1 ID : **94891139169**
Option 2 ID : **94891139172**
Option 3 ID : **94891139171**
Option 4 ID : **94891139170**
Status : **Answered**
Chosen Option : **1**

Q.23 If $\frac{a}{b} = \frac{3}{2}$ and $\frac{b}{c} = \frac{3}{5}$, then the value of $\frac{a+b}{b+c}$ is:

Ans

✗ 1. $\frac{9}{11}$

✔ 2. $\frac{15}{16}$

✗ 3. $\frac{6}{11}$

✗ 4. $\frac{5}{16}$

Question ID : **9489119166**
Option 1 ID : **94891136661**
Option 2 ID : **94891136664**
Option 3 ID : **94891136663**
Option 4 ID : **94891136662**
Status : **Answered**
Chosen Option : **2**

Q.24 In which year did Jawaharlal Nehru lay the foundation stone of the National Museum in New Delhi?

Ans

✗ 1. 1965

✔ 2. 1955

✗ 3. 1960

✗ 4. 1950

Question ID : **9489119819**
Option 1 ID : **94891139274**
Option 2 ID : **94891139275**
Option 3 ID : **94891139276**
Option 4 ID : **94891139273**
Status : **Answered**
Chosen Option : **3**

Q.25 Which Article of the Constitution of India provides that there shall be a Council of Ministers with the Prime Minister as its head to aid and advice the President, who shall exercise his/her functions in accordance to the advice?

Ans

✗ 1. Article 72 (1)

✗ 2. Article 73 (1)

✔ 3. Article 74 (1)

✗ 4. Article 79 (1)

Question ID : **9489119828**
Option 1 ID : **94891139311**
Option 2 ID : **94891139310**
Option 3 ID : **94891139309**
Option 4 ID : **94891139312**
Status : **Answered**
Chosen Option : **3**

Q.26 Select the letters that will come next in the following series.

AF, BG, CH, DI, ?

Ans
- ✗ 1. FE
- ✗ 2. EF
- ✔ 3. EJ
- ✗ 4. FK

Q.27 An urn contains 10 black and 5 white balls. Two balls are drawn from the urn one after the other without replacement.
What is the probability that both drawn balls are black?

Ans
- ✗ 1. $\dfrac{2}{7}$
- ✔ 2. $\dfrac{3}{7}$
- ✗ 3. $\dfrac{4}{7}$
- ✗ 4. $\dfrac{5}{7}$

Q.28 Which of the following Civic body has been declared best performing Municipal Corporation in India under PM Awas Yojna in December 2020?

Ans
✗ 1. Chennai
✗ 2. Hyderabad
✓ 3. Vishakhapatnam
✗ 4. Indore

Question ID : **9489119820**
Option 1 ID : **94891139280**
Option 2 ID : **94891139279**
Option 3 ID : **94891139278**
Option 4 ID : **94891139277**
Status : **Answered**
Chosen Option : **4**

Q.29 If 35% of A's income is equal to 40% of B's income. Then the ratio of the incomes of A and B is:

Ans
✓ 1. 8 : 7
✗ 2. 7 : 8
✗ 3. 4 : 5
✗ 4. 5 : 4

Question ID : **9489119156**
Option 1 ID : **94891136623**
Option 2 ID : **94891136621**
Option 3 ID : **94891136624**
Option 4 ID : **94891136622**
Status : **Answered**
Chosen Option : **1**

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

Chair : 4921019 :: Mobile : ?

Ans
✗ 1. 512921513
✓ 2. 1416310136
✗ 3. 491529125
✗ 4. 131529125

Question ID : **9489119776**
Option 1 ID : **94891139103**
Option 2 ID : **94891139102**
Option 3 ID : **94891139104**
Option 4 ID : **94891139101**
Status : **Answered**
Chosen Option : **2**

Q.31 The elements that have intermediate properties between those of metals and non-metals are called metalloids. Which among the following is known as a metalloid?

Ans

✗ 1. Carbon

✗ 2. Copper

✔ 3. Germanium

✗ 4. Iodine

Question ID : **9489119815**
Option 1 ID : **94891139257**
Option 2 ID : **94891139259**
Option 3 ID : **94891139260**
Option 4 ID : **94891139258**
Status : **Answered**
Chosen Option : **3**

Q.32 Under the Clean India Mission, the Air Quality Index is a major initiative. When was it launched by the Ministry of Environment, Forest and Climate Change?

Ans

✔ 1. October 2014

✗ 2. September 2014

✗ 3. October 2015

✗ 4. September 2015

Question ID : **9489119835**
Option 1 ID : **94891139337**
Option 2 ID : **94891139338**
Option 3 ID : **94891139339**
Option 4 ID : **94891139340**
Status : **Answered**
Chosen Option : **3**

Q.33 Sangeet Natak Akademi, the national academy for music, dance and drama, was the first national academy of the arts set up by the Republic of India. This academy is located in:

Ans

✗ 1. Bengaluru

✔ 2. New Delhi

✗ 3. Mumbai

✗ 4. Bhopal

Question ID : **9489119808**
Option 1 ID : **94891139232**
Option 2 ID : **94891139231**
Option 3 ID : **94891139229**
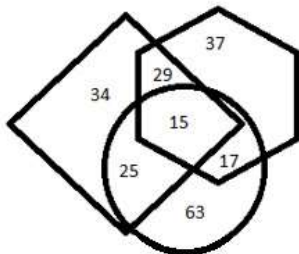Option 4 ID : **94891139230**
Status : **Answered**
Chosen Option : **3**

Q.34 Study the given diagram and answer the question that follows.

The hexagon represents Females.

The circle represents Writers.

The quadrilateral represents Bengali.

How many female writers are Bengali?

Ans
✗ 1. 32

✗ 2. 57

✗ 3. 40

✓ 4. 15

Q.35 The work done by a force acting on an object is equal to the amount of force multiplied by the distance travelled in the direction of the force. Which of the following is NOT a unit of work?

Ans
✗ 1. Kgm^2/sec^2

✓ 2. Kgm/sec^2

✗ 3. Newton meter

✗ 4. Joule

Q.36 In a town, the population increased from 1,85,500 to 2,22,600 in a decade. The average percentage increase of population per year is:

Ans
✗ 1. 3%
✗ 2. 9%
✗ 3. 5%
✓ 4. 2%

Question ID : **9489119158**
Option 1 ID : **94891136630**
Option 2 ID : **94891136629**
Option 3 ID : **94891136631**
Option 4 ID : **94891136632**
Status : **Answered**
Chosen Option : **2**

Q.37 Pick the odd one out.

Ans
✓ 1. GHI
✗ 2. KMO
✗ 3. ACE
✗ 4. PRT

Question ID : **9489119794**
Option 1 ID : **94891139175**
Option 2 ID : **94891139174**
Option 3 ID : **94891139173**
Option 4 ID : **94891139176**
Status : **Answered**
Chosen Option : **1**

Q.38 Which of the following former Indian test cricketers was NOT known for wicket keeping?

Ans
✓ 1. B. S. Chandrasekhar
✗ 2. P. G. Joshi
✗ 3. F. M. Engineer
✗ 4. N. S. Tamhane

Question ID : **9489119832**
Option 1 ID : **94891139327**
Option 2 ID : **94891139325**
Option 3 ID : **94891139328**
Option 4 ID : **94891139326**
Status : **Answered**
Chosen Option : **3**

Q.39 A shared network within an organisation to provide connectivity to its staff is:

Ans

  ✗ 1. extranet

  ✔ 2. internet

  ✗ 3. intranet

  ✗ 4. telnet

Question ID : **9489119837**
Option 1 ID : **94891139347**
Option 2 ID : **94891139345**
Option 3 ID : **94891139346**
Option 4 ID : **94891139348**
Status : **Answered**
Chosen Option : **3**

Q.40 Arrange the following states of India in the decreasing order of sugarcane production in 2019.

A. Karnataka

B. Uttar Pradesh

C. Maharashtra

Ans

  ✗ 1. A, B, C

  ✔ 2. B, C, A

  ✗ 3. C, A, B

  ✗ 4. B, A, C

Question ID : **9489119826**
Option 1 ID : **94891139301**
Option 2 ID : **94891139303**
Option 3 ID : **94891139304**
Option 4 ID : **94891139302**
Status : **Answered**
Chosen Option : **3**

Q.41 The value of $\frac{56}{5} + 5\frac{1}{10} \div 3\frac{2}{5}$ is:

Ans

✗ 1. $10\frac{7}{12}$

✓ 2. $12\frac{7}{10}$

✗ 3. $8\frac{4}{7}$

✗ 4. $9\frac{1}{4}$

Question ID : **9489119152**
Option 1 ID : **94891136605**
Option 2 ID : **94891136607**
Option 3 ID : **94891136606**
Option 4 ID : **94891136608**
Status : **Answered**
Chosen Option : **2**

Q.42 Which country is not the part of proposed TAPI gas pipeline?

Ans

✗ 1. Afghanistan

✗ 2. India

✗ 3. Turkmenistan

✓ 4. Iran

Question ID : **9489119840**
Option 1 ID : **94891139360**
Option 2 ID : **94891139358**
Option 3 ID : **94891139359**
Option 4 ID : **94891139357**
Status : **Answered**
Chosen Option : **4**

Q.43 The HCF of two numbers is 37 and their LCM is 740. If one of the numbers is 148, then the other is:

Ans

✗ 1. 180

✗ 2. 190

✓ 3. 185

✗ 4. 195

Question ID : **9489119150**
Option 1 ID : **94891136597**
Option 2 ID : **94891136599**
Option 3 ID : **94891136598**
Option 4 ID : **94891136600**
Status : **Answered**
Chosen Option : **3**

Q.44 The LCM of $\frac{2}{3}, \frac{4}{9}, \frac{7}{12}, \frac{3}{5}$ is:

Ans ✗ 1. 86

✗ 2. 94

✗ 3. 98

✓ 4. 84

Question ID : **9489119153**
Option 1 ID : **94891136610**
Option 2 ID : **94891136611**
Option 3 ID : **94891136612**
Option 4 ID : **94891136609**
Status : **Answered**
Chosen Option : **4**

Q.45 Ubuntu, Mint and Fedora are versions of:

Ans ✗ 1. Windows 10

✗ 2. MS DOS

✗ 3. Apple MAC OS X

✓ 4. Linux

Question ID : **9489119836**
Option 1 ID : **94891139344**
Option 2 ID : **94891139341**
Option 3 ID : **94891139342**
Option 4 ID : **94891139343**
Status : **Answered**
Chosen Option : **3**

Q.46 If $\frac{a}{b} = 0.75$, then the value of $\frac{2a+b}{2a-b} + \frac{4}{9}$ is:

Ans ✗ 1. $\frac{41}{9}$

✗ 2. $\frac{43}{9}$

✗ 3. $\frac{47}{9}$

✓ 4. $\frac{49}{9}$

Question ID : **9489119149**
Option 1 ID : **94891136596**
Option 2 ID : **94891136595**
Option 3 ID : **94891136594**
Option 4 ID : **94891136593**
Status : **Answered**
Chosen Option : **4**

Q.47 The selling price of 25 items is equal to the cost price of 20 items. What is the percentage of loss?

Ans ✔ 1. 20%

✘ 2. 23%

✘ 3. 21%

✘ 4. 25%

Question ID : **9489119159**
Option 1 ID : **94891136634**
Option 2 ID : **94891136636**
Option 3 ID : **94891136635**
Option 4 ID : **94891136633**
Status : **Answered**
Chosen Option : **1**

Q.48

The value of $\sqrt{217 + \sqrt{50 + \sqrt{196}}}$ is:

Ans ✘ 1. 14

✔ 2. 15

✘ 3. 25

✘ 4. 64

Question ID : **9489119147**
Option 1 ID : **94891136587**
Option 2 ID : **94891136588**
Option 3 ID : **94891136586**
Option 4 ID : **94891136585**
Status : **Answered**
Chosen Option : **2**

Q.49 In a certain language, SACHIN is written as 19138914. How will GEETA be written as in that language?

Ans ✔ 1. 755201

✘ 2. 201755

✘ 3. 755211

✘ 4. 102755

Question ID : **9489119779**
Option 1 ID : **94891139113**
Option 2 ID : **94891139116**
Option 3 ID : **94891139114**
Option 4 ID : **94891139115**
Status : **Answered**
Chosen Option : **1**

Q.50 Match the following companies with their headquarters.

A.	Bharat Heavy Electricals Limited	1. Mumbai
B.	Coal India Limited	2. Bengaluru
C.	Bharat Petroleum Corporation Limited	3. Kolkata
D.	Bharat Electronics Limited	4. New Delhi

Ans ✗ 1. A-3, B-2, C-1, D-4

✔ 2. A-4, B-3, C-1, D-2

✗ 3. A-4, B-2, C-1, D-3

✗ 4. A-4, B-3, C-2, D-1

Question ID : **9489119843**
Option 1 ID : **94891139372**
Option 2 ID : **94891139371**
Option 3 ID : **94891139369**
Option 4 ID : **94891139370**
Status : **Answered**
Chosen Option : **4**

Q.51 Which of the following are the fastest seismic waves?

Ans ✗ 1. Tidal waves

✗ 2. Surface waves

✔ 3. Primary waves

✗ 4. Secondary waves

Question ID : **9489119823**
Option 1 ID : **94891139292**
Option 2 ID : **94891139289**
Option 3 ID : **94891139291**
Option 4 ID : **94891139290**
Status : **Answered**
Chosen Option : **3**

Q.52 If $tan\theta = \frac{12}{5}$, then $\frac{1+sin\theta}{1-sin\theta}$ is:

Ans ✗ 1. 22

✗ 2. 24

✔ 3. 25

✗ 4. 20

Question ID : **9489119172**
Option 1 ID : **94891136688**
Option 2 ID : **94891136687**
Option 3 ID : **94891136685**
Option 4 ID : **94891136686**
Status : **Answered**
Chosen Option : **3**

Q.53 'Startup India' is a major initiative by the Government of India. In which year was it launched?

Ans ✗ 1. 2014

✗ 2. 2015

✔ 3. 2016

✗ 4. 2017

Question ID : **9489119839**
Option 1 ID : **94891139353**
Option 2 ID : **94891139354**
Option 3 ID : **94891139355**
Option 4 ID : **94891139356**
Status : **Answered**
Chosen Option : **3**

Q.54 The value of $3 + [3 \times \{3 - (3 + 3) \div 6\}]$ is:

Ans ✗ 1. −3

✔ 2. 9

✗ 3. 6

✗ 4. 3

Question ID : **9489119144**
Option 1 ID : **94891136576**
Option 2 ID : **94891136575**
Option 3 ID : **94891136573**
Option 4 ID : **94891136574**
Status : **Answered**
Chosen Option : **2**

Q.55 The ratio in which point (4, 5) divides the line joining two points (2, 3) and (7, 8) is:

Ans ✔ 1. 2 : 3

✗ 2. 1 : 2

✗ 3. 4 : 5

✗ 4. 3 : 4

Question ID : **9489119169**
Option 1 ID : **94891136676**
Option 2 ID : **94891136674**
Option 3 ID : **94891136673**
Option 4 ID : **94891136675**
Status : **Answered**
Chosen Option : **1**

Q.56 Nisha daily goes to play badminton in a playground. The playground is in the south direction from her house. From the playground, she goes to her friend Suman's house that is in the west direction from the playground. From Suman's house, both Nisha and Suman go to a market. The market is in the west direction from Suman's house.

What will be the direction of Nisha's home from the playground?

Ans
✗ 1. West

✔ 2. North

✗ 3. South

✗ 4. East

Question ID : **9489119803**
Option 1 ID : **94891139210**
Option 2 ID : **94891139211**
Option 3 ID : **94891139212**
Option 4 ID : **94891139209**
Status : **Answered**
Chosen Option : **2**

Q.57 When was the Reserve Bank of India established?

Ans
✔ 1. 1st April 1935

✗ 2. 21st April 1930

✗ 3. 1st April 1925

✗ 4. 1st April 1945

Question ID : **9489119841**
Option 1 ID : **94891139361**
Option 2 ID : **94891139364**
Option 3 ID : **94891139362**
Option 4 ID : **94891139363**
Status : **Answered**
Chosen Option : **1**

Q.58 In the given figure, the upper triangle represents 'Athletes', the right-angle triangle represents 'Musicians', the diamond represents 'Wrestlers' and the rectangle represents 'Cricketers' as shown below.

Study the given figure and answer the question that follows.
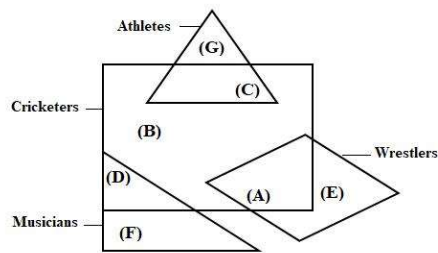
Which of the following represents persons who are NOT wrestlers ONLY?

Ans ✗ 1. B

✗ 2. E

✔ 3. A

✗ 4. A, E

Q.59 If the number 2564S4 is exactly divisible by 4, then which of the following digit cannot be in the place of S ?

Ans ✗ 1. 2

✗ 2. 6

✗ 3. 8

✔ 4. 5

Q.60 India's First Marine park is situated in:

Ans
✘ 1. Gulf of Mannar

✘ 2. Chennai

✔ 3. Gulf of Kutch

✘ 4. Jamnagar

Question ID : **9489119834**
Option 1 ID : **94891139336**
Option 2 ID : **94891139334**
Option 3 ID : **94891139333**
Option 4 ID : **94891139335**
Status : **Answered**
Chosen Option : **1**

Q.61 Arrange the following events in their chronological order.

A. Jallianwala Bagh massacre

B. Non-Cooperation Movement and Khilafat Movement

C. Gandhi-Irwin Pact

D. Quit India Movement

E. Champaran Movement

Ans
✘ 1. A, B, C, D, E

✘ 2. E, A, C, D, B

✔ 3. E, A, B, C, D

✘ 4. E, B, A, C, D

Question ID : **9489119821**
Option 1 ID : **94891139282**
Option 2 ID : **94891139281**
Option 3 ID : **94891139284**
Option 4 ID : **94891139283**
Status : **Answered**
Chosen Option : **4**

Q.62 If $\sin\theta + \cos\theta = p$ and $\sec\theta + \csc\theta = q$, then the value of $q(p^2 - 1)$ is:

Ans ✗ 1. p^2

✗ 2. $p^2 + 1$

✓ 3. $2p$

✗ 4. p

Q.63 The length and breadth of a rectangular field are in the ratio of 6 : 5. If the perimeter of the field is 110 m, then what will be the breadth (in m)?

Ans ✗ 1. 30

✗ 2. 20

✗ 3. 15

✓ 4. 25

Q.64 Where is the headquarters of the Zoological Survey of India?

Ans ✓ 1. Kolkata

✗ 2. Mumbai

✗ 3. New Delhi

✗ 4. Mysuru

Q.65 Asoka, arguably the most famous ruler of early India, conquered Kalinga. He was the grandson of _____.

Ans
✗ 1. Prabhavati Gupta

✗ 2. Samudragupta

✔ 3. Chandragupta Maurya

✗ 4. Chandragupta II

Question ID : **9489119818**
Option 1 ID : **94891139272**
Option 2 ID : **94891139271**
Option 3 ID : **94891139269**
Option 4 ID : **94891139270**
Status : **Answered**
Chosen Option : **4**

Q.66 The fifth India International Science Festival (IISF) was held in November 2019 in:

Ans
✗ 1. Chennai

✗ 2. New Delhi

✔ 3. Kolkata

✗ 4. Bengaluru

Question ID : **9489119830**
Option 1 ID : **94891139318**
Option 2 ID : **94891139320**
Option 3 ID : **94891139317**
Option 4 ID : **94891139319**
Status : **Answered**
Chosen Option : **4**

Q.67 A, B and C can complete a piece of work in 6, 4 and 10 days, respectively. If they are working together, then the number of days they will take to complete the same work is:

Ans
✗ 1. $2\dfrac{20}{21}$

✗ 2. $1\dfrac{31}{30}$

✗ 3. $2\dfrac{21}{20}$

✔ 4. $1\dfrac{29}{31}$

Question ID : **9489119163**
Option 1 ID : **94891136650**
Option 2 ID : **94891136652**
Option 3 ID : **94891136651**
Option 4 ID : **94891136649**
Status : **Answered**
Chosen Option : **4**

Q.68 The headquarters of the World Tourism Organization (UNWTO) is located at:

Ans
  ✗ 1. Frankfurt, Germany
  ✗ 2. Johannesburg, South Africa
  ✗ 3. Mandaluyong, Philippines
  ✓ 4. Madrid, Spain

Question ID : **9489119833**
Option 1 ID : **94891139332**
Option 2 ID : **94891139330**
Option 3 ID : **94891139329**
Option 4 ID : **94891139331**
Status : **Answered**
Chosen Option : **3**

Q.69 Excluding the stoppages, the speed of a bus is 80 km/h and including the stoppages, the speed of the bus is 52 km/h.
How many minutes does the bus stop per hour?

Ans
  ✗ 1. 25 min
  ✗ 2. 30 min
  ✓ 3. 21 min
  ✗ 4. 45 min

Question ID : **9489119162**
Option 1 ID : **94891136645**
Option 2 ID : **94891136647**
Option 3 ID : **94891136646**
Option 4 ID : **94891136648**
Status : **Answered**
Chosen Option : **3**

Q.70 Who among the following has served as the Prime Minister of India for the longest time?

Ans
  ✗ 1. Narendra Modi
  ✓ 2. Jawaharlal Nehru
  ✗ 3. Manmohan Singh
  ✗ 4. Atal Bihari Vajpayee

Question ID : **9489119827**
Option 1 ID : **94891139308**
Option 2 ID : **94891139305**
Option 3 ID : **94891139306**
Option 4 ID : **94891139307**
Status : **Answered**
Chosen Option : **2**

Q.71 In an election involving two candidates, 86 votes were declared invalid. The winning candidate secured 58% and won by 256 votes. The total number of votes polled is:

Ans ✗ 1. 1866

✗ 2. 1668

✔ 3. 1686

✗ 4. 1868

Question ID : **9489119157**
Option 1 ID : **94891136626**
Option 2 ID : **94891136628**
Option 3 ID : **94891136625**
Option 4 ID : **94891136627**
Status : **Answered**
Chosen Option : **3**

Q.72 Read the given statement and conclusions carefully. Assuming that the information given in the statement 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 statement.

Statement:

Aged persons should avoid vigorous exercises.

Conclusions:

(A) Exercises are not essential for youngsters.

(B) Vigorous exercises can cause damage to tendons.

Ans ✔ 1. Neither conclusions A nor B follows.

✗ 2. Both conclusions A and B follow.

✗ 3. Only conclusion B follows.

✗ 4. Only conclusion A follows.

Question ID : **9489119781**
Option 1 ID : **94891139124**
Option 2 ID : **94891139123**
Option 3 ID : **94891139122**
Option 4 ID : **94891139121**
Status : **Answered**
Chosen Option : **3**

Q.73 Which causative agent is responsible for spreading swine flu?

Ans ✔ 1. Virus

✘ 2. Bacteria

✘ 3. Fungi

✘ 4. Parasite

Question ID : **9489119822**
Option 1 ID : **94891139286**
Option 2 ID : **94891139288**
Option 3 ID : **94891139285**
Option 4 ID : **94891139287**
Status : **Answered**
Chosen Option : **1**

Q.74 The National Tree of India is :

Ans ✘ 1. Sal

✘ 2. Peepal

✘ 3. Mango

✔ 4. Banyan

Question ID : **9489119825**
Option 1 ID : **94891139299**
Option 2 ID : **94891139300**
Option 3 ID : **94891139298**
Option 4 ID : **94891139297**
Status : **Answered**
Chosen Option : **4**

Q.75 Who among the following has been conferred the Padma Vibhushan in 2021?

Ans ✘ 1. Jagdish Chaudhary

✘ 2. Sumitra Mahajan

✘ 3. Keshubhai Patel

✔ 4. Sudarshan Sahoo

Question ID : **9489119806**
Option 1 ID : **94891139224**
Option 2 ID : **94891139221**
Option 3 ID : **94891139222**
Option 4 ID : **94891139223**
Status : **Answered**
Chosen Option : **2**

Q.76 In a certain language, RAM is written as SBN. How will SHYAM be written as in that language?

Ans ✔ 1. TIZBN

✘ 2. TZIBN

✘ 3. TIBZN

✘ 4. TBZIN

Question ID : **9489119775**
Option 1 ID : **94891139097**
Option 2 ID : **94891139100**
Option 3 ID : **94891139099**
Option 4 ID : **94891139098**
Status : **Answered**
Chosen Option : **1**

Q.77 Anand purchased a car for ₹3,75,000 and sold it at a loss of 15%. At what cost did he sell the car?

Ans ✘ 1. ₹3,36,250

✘ 2. ₹3,58,000

✔ 3. ₹3,18,750

✘ 4. ₹3,25,000

Question ID : **9489119155**
Option 1 ID : **94891136620**
Option 2 ID : **94891136618**
Option 3 ID : **94891136617**
Option 4 ID : **94891136619**
Status : **Answered**
Chosen Option : **3**

Q.78 The unit of Force is:

Ans ✘ 1. gms^{-1}

✘ 2. gms^{-2}

✘ 3. $Kgms^{-1}$

✔ 4. $Kgms^{-2}$

Question ID : **9489119813**
Option 1 ID : **94891139251**
Option 2 ID : **94891139252**
Option 3 ID : **94891139250**
Option 4 ID : **94891139249**
Status : **Answered**
Chosen Option : **4**

Q.79 There are three isotopes of hydrogen atom, namely Protium, Deuterium and Tritium. The respective atomic number and mass number of the isotope Tritium is:

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

Question ID : **9489119814**
Option 1 ID : **94891139253**
Option 2 ID : **94891139254**
Option 3 ID : **94891139255**
Option 4 ID : **94891139256**
Status : **Answered**
Chosen Option : **4**

Q.80 If $\sqrt{225} = 15$ then the value of $\sqrt{2.25} + \sqrt{0.0225} + \sqrt{0.000225}$ is:

Ans
- ✓ 1. 1.665
- ✗ 2. 1.675
- ✗ 3. 1.689
- ✗ 4. 1.645

Question ID : **9489119151**
Option 1 ID : **94891136602**
Option 2 ID : **94891136601**
Option 3 ID : **94891136603**
Option 4 ID : **94891136604**
Status : **Answered**
Chosen Option : **1**

Q.81 Study the given diagram and answer the question that follows.
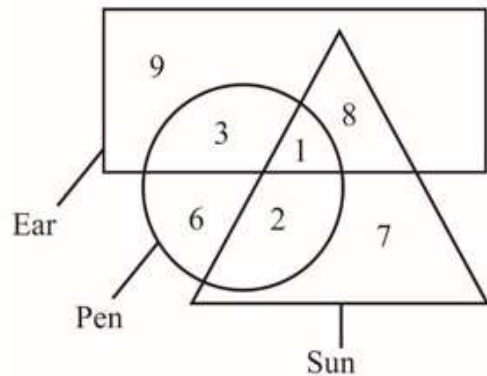
How many Sun are Ears?

Ans

✔ 1. 9

✘ 2. 6

✘ 3. 11

✘ 4. 8

Q.82 Certain amount becomes ₹230 in 3 years at 5% simple interest per annum. Then the principal amount (in ₹) is:

Ans

✘ 1. 150

✘ 2. 320

✔ 3. 200

✘ 4. 180

Q.83 In 2008, Indian Space Research Organization (ISRO) began its collaboration with _____ to develop the GPS-Aided Geo Augmented Navigation (GAGAN) system to help aircrafts accurately land over the Indian airspace.

Ans ✗ 1. Pawan Hans Helicopters Limited

✗ 2. Hindustan Aeronautics Limited

✗ 3. Cochin Shipyard Limited

✓ 4. Airport Authority of India

Question ID : **9489119831**
Option 1 ID : **94891139321**
Option 2 ID : **94891139323**
Option 3 ID : **94891139324**
Option 4 ID : **94891139322**
Status : **Answered**
Chosen Option : **2**

Q.84 Which of the following is INCORRECT?

Ans ✗ 1. $1 \text{ MB} = 2^{10} \text{ KB}$

✗ 2. $1 \text{ GB} = 2^{30} \text{ byte}$

✓ 3. $1 \text{ GB} = 2^{20} \text{ byte}$

✗ 4. $1 \text{ MB} = 2^{13} \text{ bit}$

Question ID : **9489119838**
Option 1 ID : **94891139351**
Option 2 ID : **94891139349**
Option 3 ID : **94891139350**
Option 4 ID : **94891139352**
Status : **Answered**
Chosen Option : **2**

Q.85 If $\frac{2160}{\sqrt{x}} = 240$ then the value of x is:

Ans ✗ 1. 100

✗ 2. 49

✓ 3. 81

✗ 4. 58

Question ID : **9489119145**
Option 1 ID : **94891136580**
Option 2 ID : **94891136578**
Option 3 ID : **94891136579**
Option 4 ID : **94891136577**
Status : **Answered**
Chosen Option : **3**

Q.86 Study the given data and answer the question that follows.

A survey on 500 students regarding Internet addiction was conducted and findings are reported as under in tabular form:

Level of Addiction	Students					
	Commerce		Sciences		Social Sciences	
	Boys	Girls	Boys	Girls	Boys	Girls
High	35	22	18	20	22	26
Average	25	34	23	45	12	30
Low	40	27	34	23	34	30
Total	100	83	75	88	68	86

If High Addiction is given a weightage of 3, Average a weightage of 2 and Low Addiction a weightage of 1, which group would have the highest addiction levels.

Ans ✗ 1. Girls of Commerce Group

✗ 2. Boys of Sciences Group

✔ 3. Boys of Commerce Group

✗ 4. Girls of Social Sciences Group

Question ID : **9489119789**
Option 1 ID : **94891139156**
Option 2 ID : **94891139153**
Option 3 ID : **94891139154**
Option 4 ID : **94891139155**
Status : **Answered**
Chosen Option : **3**

Q.87 Study the given data and answer the question that follows.

A survey on 500 students regarding Internet addiction was conducted and findings are reported as under in tabular form:

Level of Addiction	Students					
	Commerce		Sciences		Social Sciences	
	Boys	Girls	Boys	Girls	Boys	Girls
High	35	22	18	20	22	26
Average	25	34	23	45	12	30
Low	40	27	34	23	34	30
Total	100	83	75	88	68	86

Girl students of the Sciences group in the Low category of Addiction form what percentage of the total student sample?

Ans ✗ 1. 32.6%

✗ 2. 11.4%

✔ 3. 4.6%

✗ 4. 23%

Question ID : **9489119790**
Option 1 ID : **94891139159**
Option 2 ID : **94891139160**
Option 3 ID : **94891139158**
Option 4 ID : **94891139157**
Status : **Answered**
Chosen Option : **3**

Q.88 A survey on 500 students regarding Internet Addiction was conducted and findings are reported as under in tabular form:

Level of Addiction	Students					
	Commerce		Sciences		Social Sciences	
	Boys	Girls	Boys	Girls	Boys	Girls
High	35	22	18	20	22	26
Average	25	34	23	45	12	30
Low	40	27	34	23	34	30
Total	100	83	75	88	68	86

Boys form approximately what percentage of the High Addition group?

Ans

✗ 1. 15%

✔ 2. 52%

✗ 3. 31%

✗ 4. 49%

Question ID : **9489119791**
Option 1 ID : **94891139163**
Option 2 ID : **94891139161**
Option 3 ID : **94891139162**
Option 4 ID : **94891139164**
Status : **Answered**
Chosen Option : **2**

Q.89 The following table gives the number of fresh registrations of scooters and motorcycles in a city in three years. In which year(s) did the number of fresh registrations of both scooters and motorcycles separately AND together register fluctuation of more than 50%?

Year / Vehicle	2004-05	2005-06	2006-07
Scooters	904	1316	2017
Motorcycles	1654	2019	722

Ans

✗ 1. Both 2005-06 and 2006-07

✔ 2. Neither 2005-06 nor 2006-07

✗ 3. 2005-06

✗ 4. 2006-07

Question ID : **9489119792**
Option 1 ID : **94891139167**
Option 2 ID : **94891139168**
Option 3 ID : **94891139165**
Option 4 ID : **94891139166**
Status : **Answered**
Chosen Option : **3**

Q.90 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

15	10	5	20
27	11	8	30
45	10	15	?

Ans ✗ 1. 10

✗ 2. 20

✔ 3. 40

✗ 4. 30

Q.91 Select the letter that will come next in the following series.

Z, X, U, Q, L, ?

Ans ✔ 1. F

✗ 2. E

✗ 3. G

✗ 4. H

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

Ans ✘ 1. Natural Gas

✔ 2. Biogas

✘ 3. Coal

✘ 4. Petroleum

Question ID : **9489119788**
Option 1 ID : **94891139151**
Option 2 ID : **94891139152**
Option 3 ID : **94891139149**
Option 4 ID : **94891139150**
Status : **Answered**
Chosen Option : **2**

Q.93 Select the number that will come next in the following series.

5, 7, 11, 17, 25, ?

Ans ✘ 1. 37
✘ 2. 31
✘ 3. 29
✔ 4. 35

Question ID : **9489119783**
Option 1 ID : **94891139131**
Option 2 ID : **94891139130**
Option 3 ID : **94891139129**
Option 4 ID : **94891139132**
Status : **Answered**
Chosen Option : **4**

Q.94 Seven persons A, B, C, D, E, F and G are sitting in a row (not necessarily in the same order) facing towards north. C sits third to the left of E. E is the neighbour of A. Only two persons sit between A and B. Only three persons sit between C and F. Only two persons sit between F and G.
Which of the following seating arrangement cannot be possible (from left to right)?

Ans ✘ 1. C, G, A, E,F, B, D

✔ 2. B, D, C, G, A, E, F

✘ 3. D, C, G, A, E, F, B

✘ 4. D, B, C, G, A, E, F

Question ID : **9489119800**
Option 1 ID : **94891139198**
Option 2 ID : **94891139199**
Option 3 ID : **94891139200**
Option 4 ID : **94891139197**
Status : **Answered**
Chosen Option : **2**

Q.95 Select the incorrect pair.

Ans ✔ 1. Classroom-Playground

✘ 2. Computer-Software

✘ 3. Exam-Result

✘ 4. Teacher-Lecture

Question ID : **9489119774**
Option 1 ID : **94891139096**
Option 2 ID : **94891139095**
Option 3 ID : **94891139093**
Option 4 ID : **94891139094**
Status : **Answered**
Chosen Option : **1**

Q.96 From the following information, determine whose book is neither a novel nor in Paperback format.

1) The books of Ken Singleton, George Smith, and Harold masters are poems.

2) The books of John Procter, Robin Hopkins and Ken Singleton are Paperbacks.

3) The books of Robin Hopkins, George Smith and John Procter are novels.

4) The books written by Ken Singleton, Harold masters and John Procter have brown leather covers with black spine.

Ans ✘ 1. John Procter

✔ 2. Harold Masters

✘ 3. Ken Singleton

✘ 4. George Smith

Question ID : **9489119802**
Option 1 ID : **94891139207**
Option 2 ID : **94891139206**
Option 3 ID : **94891139205**
Option 4 ID : **94891139208**
Status : **Answered**
Chosen Option : **2**

Q.97 "Milk" is related to "Dairy" in the same way as "Bread" is related to "_____"

Ans ✘ 1. Grains

✔ 2. Bakery

✘ 3. Loaf

✘ 4. Carbohydrates

Question ID : **9489119778**
Option 1 ID : **94891139111**
Option 2 ID : **94891139110**
Option 3 ID : **94891139109**
Option 4 ID : **94891139112**
Status : **Answered**
Chosen Option : **2**

Q.98 Select the option that is related to the third term in the same way as the second term is related to the first term.

Kidney : Urine : : Lungs : ?

Ans

✗ 1. Oxygen

✗ 2. Cough

✗ 3. Breathe

✔ 4. Carbon Dioxide

Question ID : **9489119777**
Option 1 ID : **94891139106**
Option 2 ID : **94891139108**
Option 3 ID : **94891139105**
Option 4 ID : **94891139107**
Status : **Answered**
Chosen Option : **4**

Q.99 If 'A + B' means 'A is the daughter of B', 'A – B' means 'A is the father of B', 'A x B' means 'A is the brother of B' and 'A ÷ B' means 'A is the wife of B', then 'P ÷ R - Q x S' will mean:

Ans

✗ 1. S is the sister of Q.

✗ 2. Q is the daughter of P.

✔ 3. P is the mother of S.

✗ 4. Q is the sister of S.

Question ID : **9489119780**
Option 1 ID : **94891139118**
Option 2 ID : **94891139119**
Option 3 ID : **94891139120**
Option 4 ID : **94891139117**
Status : **Answered**
Chosen Option : **3**

Q.100 Sachin daily goes to school on his bicycle and the distance between his home and the school is 7 km. After school time, he directly goes to a gym from the school. The distance from the school to the gym is 3 km. From gym, he goes to a market. The distance between the gym and the market is 2 km. The distance between the market and his home is 2.5 km.

What is the distance between his home and the gym through shortest route?

Ans

✔ 1. 4.5 km

✗ 2. 10 km

✗ 3. 3 km

✗ 4. 2 km

Question ID : **9489119799**
Option 1 ID : **94891139193**
Option 2 ID : **94891139194**
Option 3 ID : **94891139195**
Option 4 ID : **94891139196**
Status : **Answered**
Chosen Option : **1**