Participant ID	Join YouTube Channel
Participant Name	Join YouTube Channel
Test Center Name	Gandhi Institute For Technology
Test Date	08/03/2021
Test Time	3:00 PM - 4:30 PM
Subject	NTPC

* Note
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **NTPC**

Q.1 In how many years will a sum of money double itself at 6.25% per annum simple interest?

Ans ✓ 1. 16
✗ 2. 12
✗ 3. 15
✗ 4. 19

Question ID : **9489119058**
Option 1 ID : **94891136229**
Option 2 ID : **94891136230**
Option 3 ID : **94891136232**
Option 4 ID : **94891136231**
Status : **Answered**
Chosen Option : **1**

Q.2 Who is the author of the book "Economic Nightmare of India: its cause and cure"?

Ans ✗ 1. Amiya Kumar Bagchi

✔ 2. Charan Singh

✗ 3. Raghuram Rajan

✗ 4. Abhijit Banerjee

Question ID : **9489119443**
Option 1 ID : **94891137772**
Option 2 ID : **94891137770**
Option 3 ID : **94891137771**
Option 4 ID : **94891137769**
Status : **Answered**
Chosen Option : **4**

Q.3 Who was the 1st Indian woman to preside over Indian National Congress?

Ans ✗ 1. Annie Besant

✗ 2. Rajkumari Amrit Kaur

✔ 3. Sarojini Naidu

✗ 4. Vijaya Laxmi Pandit

Question ID : **9489119417**
Option 1 ID : **94891137667**
Option 2 ID : **94891137668**
Option 3 ID : **94891137666**
Option 4 ID : **94891137665**
Status : **Marked For Review**
Chosen Option : **3**

Q.4 A sum becomes its double in 8 years. The annual rate of simple interest is:

Ans ✗ 1. $9\frac{1}{2}\%$

✔ 2. $12\frac{1}{2}\%$

✗ 3. 8%

✗ 4. 10%

Question ID : **9489119054**
Option 1 ID : **94891136215**
Option 2 ID : **94891136214**
Option 3 ID : **94891136216**
Option 4 ID : **94891136213**
Status : **Answered**
Chosen Option : **2**

Q.5 Who is the chairperson of National Green Tribunal of India as of December 2020?

Ans ✗ 1. Swatanter Kumar

 ✗ 2. Lokeshwar Singh Panta

 ✗ 3. Umesh Dattatraya Salvi

 ✔ 4. Adarsh Kumar Goel

Question ID : **9489119439**
Option 1 ID : **94891137755**
Option 2 ID : **94891137753**
Option 3 ID : **94891137756**
Option 4 ID : **94891137754**
Status : **Not Answered**
Chosen Option : **--**

Q.6 What is the contribution of nuclear power in India to the country's overall electricity generation supply?

Ans ✗ 1. 35-40%

 ✗ 2. 20-25%

 ✗ 3. 10-15%

 ✔ 4. Less than 5%

Question ID : **9489119432**
Option 1 ID : **94891137728**
Option 2 ID : **94891137727**
Option 3 ID : **94891137726**
Option 4 ID : **94891137725**
Status : **Not Answered**
Chosen Option : **--**

Q.7 If the distance between two points $(x, 7)$ and $(1, 15)$ is 10 units, then the possible values of $x = $?

Ans ✔ 1. 7, -5

 ✗ 2. 5, -7

 ✗ 3. 4, 5

 ✗ 4. 3, 7

Question ID : **9489119068**
Option 1 ID : **94891136269**
Option 2 ID : **94891136272**
Option 3 ID : **94891136270**
Option 4 ID : **94891136271**
Status : **Answered**
Chosen Option : **1**

Q.8 Who among the following has been conferred the Padma Vibhushan award in 2021 in the field of medicine?

Ans ✗ 1. Sudarshan Sahoo

✓ 2. B Monaappa Hegde

✗ 3. Narinder Singh Kapany

✗ 4. B. B. Lal

Question ID : **9489119404**
Option 1 ID : **94891137614**
Option 2 ID : **94891137613**
Option 3 ID : **94891137616**
Option 4 ID : **94891137615**
Status : **Not Answered**
Chosen Option : **--**

Q.9 The ratio of water and milk in a 72 L of mixture is 4 : 5. Then what amount of milk is to be added to this mixture to make the ratio 3 : 6?

Ans ✓ 1. 24 L

✗ 2. 36 L

✗ 3. 72 L

✗ 4. 12 L

Question ID : **9489119056**
Option 1 ID : **94891136221**
Option 2 ID : **94891136223**
Option 3 ID : **94891136224**
Option 4 ID : **94891136222**
Status : **Answered**
Chosen Option : **1**

Q.10 In India, impeachment process is NOT applicable to _____ for removal from office.

Ans ✗ 1. President of India

✓ 2. the Prime Minister

✗ 3. Chief Justice of India

✗ 4. Supreme Court Judge

Question ID : **9489119427**
Option 1 ID : **94891137705**
Option 2 ID : **94891137707**
Option 3 ID : **94891137706**
Option 4 ID : **94891137708**
Status : **Answered**
Chosen Option : **2**

Q.11 If $x + y = 9$ and $xy = 18$, then the value of $x^2 + y^2$ is:

Ans ✔ 1. 45
✘ 2. 18
✘ 3. 12
✘ 4. 36

Question ID : **9489119048**
Option 1 ID : **94891136191**
Option 2 ID : **94891136189**
Option 3 ID : **94891136192**
Option 4 ID : **94891136190**
Status : **Answered**
Chosen Option : **1**

Q.12 A maximum of how many pieces of 34.6 cm can be cut from a 658 cm long rod?

Ans ✘ 1. 15
✔ 2. 19
✘ 3. 21
✘ 4. 17

Question ID : **9489119052**
Option 1 ID : **94891136207**
Option 2 ID : **94891136206**
Option 3 ID : **94891136208**
Option 4 ID : **94891136205**
Status : **Answered**
Chosen Option : **2**

Q.13 Name the robot introduced by Chennai traffic police for traffic management in January 2019?

Ans ✘ 1. Gerty
✘ 2. KITT
✘ 3. Robocop
✔ 4. Roadeo

Question ID : **9489119441**
Option 1 ID : **94891137762**
Option 2 ID : **94891137761**
Option 3 ID : **94891137764**
Option 4 ID : **94891137763**
Status : **Answered**
Chosen Option : **4**

Q.14 Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the statement.

Statement:

The rapid growth in the consumption of petrol and diesel may lead to scarcity of fuel in near future.

Conclusions:

I.   There will be only electric vehicles in the future

II.   Other fuel options have to be created to tackle the problem of fuel scarcity.

Ans   ✗ 1. Both I and II follow.

✔ 2. Only II follows.

✗ 3. Only I follows.

✗ 4. Neither I nor II follows

Question ID : **9489119583**
Option 1 ID : **94891138331**
Option 2 ID : **94891138330**
Option 3 ID : **94891138329**
Option 4 ID : **94891138332**
Status : **Answered**
Chosen Option : **4**

Q.15 Which of the following is NOT a part of human excretory System?

Ans   ✗ 1. Collecting duct

✗ 2. Bowman's capsule

✔ 3. Bronchiole

✗ 4. Glomerulus

Question ID : **9489119413**
Option 1 ID : **94891137650**
Option 2 ID : **94891137649**
Option 3 ID : **94891137652**
Option 4 ID : **94891137651**
Status : **Answered**
Chosen Option : **3**

Q.16 The value of

$$12 + \left[\left(25 \div \frac{1}{5} \right) - (14 \times 8) \right] - 9 \times 4 \text{ is:}$$

Ans
  ✗ 1. −4
  ✓ 2. −11
  ✗ 3. 13
  ✗ 4. 25

Question ID : **9489119044**
Option 1 ID : **94891136174**
Option 2 ID : **94891136176**
Option 3 ID : **94891136175**
Option 4 ID : **94891136173**
Status : **Answered**
Chosen Option : **2**

Q.17 Two cards are drawn from a pack of 52 cards. The probability that out of 2 cards, one card is red and one card is black is:

Ans
  ✗ 1. $\dfrac{25}{51}$

  ✗ 2. $\dfrac{13}{25}$

  ✓ 3. $\dfrac{26}{51}$

  ✗ 4. $\dfrac{1}{2}$

Question ID : **9489119071**
Option 1 ID : **94891136282**
Option 2 ID : **94891136283**
Option 3 ID : **94891136284**
Option 4 ID : **94891136281**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.18 If 45% of a number is 15 less than 70% of that number, then the number is:

Ans
- ✔ 1. 60
- ✘ 2. 70
- ✘ 3. 50
- ✘ 4. 40

Question ID : **9489119057**
Option 1 ID : **94891136227**
Option 2 ID : **94891136228**
Option 3 ID : **94891136225**
Option 4 ID : **94891136226**
Status : **Answered**
Chosen Option : **1**

Q.19 Cyclone "Pabuk" originated in which region?

Ans
- ✘ 1. Andaman & Nicobar Islands
- ✔ 2. Gulf of Thailand
- ✘ 3. Bay of Bengal
- ✘ 4. Archipelago

Question ID : **9489119424**
Option 1 ID : **94891137693**
Option 2 ID : **94891137695**
Option 3 ID : **94891137694**
Option 4 ID : **94891137696**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Rio De Janeiro is named by _____ as world capital of architecture for 2020?.

Ans
- ✘ 1. UNO
- ✘ 2. UNICEF
- ✘ 3. IMF
- ✔ 4. UNESCO

Question ID : **9489119435**
Option 1 ID : **94891137738**
Option 2 ID : **94891137737**
Option 3 ID : **94891137739**
Option 4 ID : **94891137740**
Status : **Answered**
Chosen Option : **4**

Q.21 Which state topped "Khelo India Youth Games" in 2020?

Ans ✗ 1. Andhra Pradesh

✔ 2. Maharashtra

✗ 3. Tamil Nadu

✗ 4. Punjab

Question ID : **9489119406**
Option 1 ID : **94891137623**
Option 2 ID : **94891137622**
Option 3 ID : **94891137624**
Option 4 ID : **94891137621**
Status : **Answered**
Chosen Option : **2**

Q.22 In a certain code language, SUCCESS is written as HVXDVTH and LOVELY is written as OPEFOZ. How will EXTREME be written as in that language?

Ans ✗ 1. VUYSVNV

✗ 2. VYUHGHL

✔ 3. VYGSVNV

✗ 4. YVVHVNV

Question ID : **9489119577**
Option 1 ID : **94891138308**
Option 2 ID : **94891138305**
Option 3 ID : **94891138306**
Option 4 ID : **94891138307**
Status : **Answered**
Chosen Option : **3**

Q.23 Pick the odd one out.

Ans ✗ 1. Reptile

✗ 2. Mammal

✔ 3. Man

✗ 4. Avian

Question ID : **9489119594**
Option 1 ID : **94891138374**
Option 2 ID : **94891138373**
Option 3 ID : **94891138376**
Option 4 ID : **94891138375**
Status : **Answered**
Chosen Option : **3**

Q.24 If $\sin\theta + \cos\theta = \sqrt{3}\cos(90-\theta)$ then $\tan\theta = ?$

Ans
✗ 1. $\sqrt{2-1}$

✔ 2. $\dfrac{1}{\sqrt{3}-1}$

✗ 3. $\dfrac{1}{\sqrt{2}-1}$

✗ 4. $\sqrt{3}-1$

Question ID : **9489119070**
Option 1 ID : **94891136280**
Option 2 ID : **94891136278**
Option 3 ID : **94891136279**
Option 4 ID : **94891136277**
Status : **Answered**
Chosen Option : **2**

Q.25 The concentration of carbon dioxide in the atmosphere is approximately _____.

Ans
✗ 1. 3.34%

✔ 2. 0.03%

✗ 3. 0.38%

✗ 4. 0.054%

Question ID : **9489119411**
Option 1 ID : **94891137642**
Option 2 ID : **94891137641**
Option 3 ID : **94891137643**
Option 4 ID : **94891137644**
Status : **Answered**
Chosen Option : **2**

Q.26 The value of $5\frac{7}{9} \div 4\frac{1}{3} \times 6\frac{9}{14} + \frac{7}{9} \times 18$ is:

Ans

✔ 1. $22\frac{6}{7}$

✘ 2. $21\frac{6}{8}$

✘ 3. $22\frac{7}{6}$

✘ 4. $21\frac{8}{6}$

Question ID : **9489119049**
Option 1 ID : **94891136195**
Option 2 ID : **94891136194**
Option 3 ID : **94891136193**
Option 4 ID : **94891136196**
Status : **Answered**
Chosen Option : **1**

Q.27 The value of $42.425 + 6.526 - 15.31 + 0.098$ is:

Ans

✘ 1. 33.786

✔ 2. 33.739

✘ 3. 33.483

✘ 4. 33.836

Question ID : **9489119045**
Option 1 ID : **94891136180**
Option 2 ID : **94891136178**
Option 3 ID : **94891136179**
Option 4 ID : **94891136177**
Status : **Answered**
Chosen Option : **2**

Q.28 Which of the following plantations helps in the prevention of soil erosion in desert?

Ans

✘ 1. Contour ploughing

✘ 2. Agro forest

✔ 3. Shelter belts

✘ 4. Strip cropping

Question ID : **9489119423**
Option 1 ID : **94891137692**
Option 2 ID : **94891137689**
Option 3 ID : **94891137690**
Option 4 ID : **94891137691**
Status : **Answered**
Chosen Option : **1**

Q.29 Select the term that will come next in the following series.

31J, 29F, 31M, 30A, 31M, 30J, ?

Ans ✗ 1. 32P

  ✗ 2. 29J

  ✗ 3. 33K

  ✔ 4. 31J

Q.30 Which one of the following is addressed as "Alfalfa"?

Ans ✔ 1. Sativa

  ✗ 2. Fish

  ✗ 3. Memel

  ✗ 4. Fossils

Q.31 Which of the following monuments is NOT located in the state of Madhya Pradesh?

Ans ✗ 1. Bhandhavgarh Fort

  ✔ 2. Janjira Fort

  ✗ 3. Asirgarh Fort

  ✗ 4. Gwalior Fort

Q.32 Which among the following countries quit "UNESCO" in 2019?

Ans ✗ 1. UAE & Libya

✓ 2. Israel & USA

✗ 3. Israel & Iran

✗ 4. USA & Russia

Question ID : **9489119433**
Option 1 ID : **94891137732**
Option 2 ID : **94891137729**
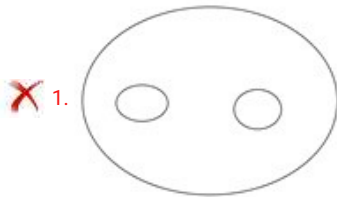Option 3 ID : **94891137731**
Option 4 ID : **94891137730**
Status : **Answered**
Chosen Option : **4**

Q.33 Who is the first full time female Defence Minister of India?

Ans ✓ 1. Nirmala Sitharaman

✗ 2. Smriti Irani

✗ 3. Menaka Gandhi

✗ 4. Sushma Swaraj

Question ID : **9489119428**
Option 1 ID : **94891137712**
Option 2 ID : **94891137709**
Option 3 ID : **94891137710**
Option 4 ID : **94891137711**
Status : **Answered**
Chosen Option : **1**

Q.34 Select the Venn diagram that best represents the relationship between the following classes.

Coca Cola, Wine, Soft drink.

Ans
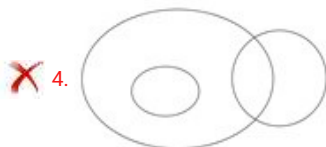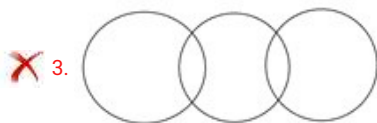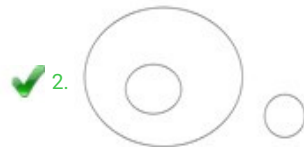
✗ 1.

✓ 2.

✗ 3.

✗ 4.

Q.35 In which year Sir William Jones founded "Asiatic Society of Bengal"?

Ans

✗ 1. 1748

✗ 2. 1884

✗ 3. 1848

✓ 4. 1784

Q.36 How many bytes are equal to 1 kilo byte in Binary system?

Ans ✗ 1. 1048 Bytes

✗ 2. 1042 Bytes

✗ 3. 1012 Bytes

✓ 4. 1024 Bytes

Question ID : **9489119436**
Option 1 ID : **94891137742**
Option 2 ID : **94891137743**
Option 3 ID : **94891137744**
Option 4 ID : **94891137741**
Status : **Answered**
Chosen Option : **4**

Q.37 Select the number that will come next in the following series.

5040, 840, 168, 42, 14, ?

Ans ✗ 1. 5

✗ 2. 2

✗ 3. 6

✓ 4. 7

Question ID : **9489119586**
Option 1 ID : **94891138344**
Option 2 ID : **94891138342**
Option 3 ID : **94891138343**
Option 4 ID : **94891138341**
Status : **Answered**
Chosen Option : **4**

Q.38 Which two signs are to be interchanged to make the given equation correct?

$36 - 3 \div 3 + 2 \times 4 = 34$

Ans ✓ 1. − and ×

✗ 2. ÷ and −

✗ 3. - and +

✗ 4. + and ÷

Question ID : **9489119585**
Option 1 ID : **94891138339**
Option 2 ID : **94891138340**
Option 3 ID : **94891138337**
Option 4 ID : **94891138338**
Status : **Answered**
Chosen Option : **1**

Q.39 "Rail Sahyog web portal" launched by Indian railway is meant for:

Ans ✔ 1. Provide basic amenities i.e. toilet, dustbin etc.

✘ 2. Grievance redressal

✘ 3. Ticket Reservation

✘ 4. Real-time train running status

Question ID : **9489119442**
Option 1 ID : **94891137768**
Option 2 ID : **94891137766**
Option 3 ID : **94891137765**
Option 4 ID : **94891137767**
Status : **Answered**
Chosen Option : **2**

Q.40 A and B together can complete a piece of work in 16 days. If A alone can complete the same work in 24 days, in how many days can B alone complete that work?

Ans ✘ 1. 40

✘ 2. 46

✔ 3. 48

✘ 4. 42

Question ID : **9489119061**
Option 1 ID : **94891136241**
Option 2 ID : **94891136243**
Option 3 ID : **94891136244**
Option 4 ID : **94891136242**
Status : **Answered**
Chosen Option : **3**

Q.41 In which Amendment act of Indian constitution is the Goods and Services Tax introduced?

Ans ✘ 1. 105

✘ 2. 103

✘ 3. 122

✔ 4. 101

Question ID : **9489119429**
Option 1 ID : **94891137716**
Option 2 ID : **94891137715**
Option 3 ID : **94891137713**
Option 4 ID : **94891137714**
Status : **Answered**
Chosen Option : **4**

Q.42 Who was the only person who remained president of the Indian National Congress for 6 years continuously before Independence of India?

Ans ✗ 1. S.C. Bose

✗ 2. Purushutam Das Tondon

✔ 3. Maulana Abul Kalam Azad

✗ 4. Acharya J.B. Kriplani

Question ID : **9489119420**
Option 1 ID : **94891137678**
Option 2 ID : **94891137677**
Option 3 ID : **94891137679**
Option 4 ID : **94891137680**
Status : **Not Answered**
Chosen Option : **--**

Q.43 There are five books - Biology, Chemistry, History, Maths and Physics - stacked vertically on a shelf. The colours of their covers, (not necessarily in the given order), are black, blue, red, white and yellow. The Chemistry book and the yellow book are at the extremes. The Physics book is not in the middle. The blue book and the Biology book are separated by two books. The Maths book is white and is not the second from either end. The subject of the black book is biology. The blue book is a neighbour of the red Physics book. Which of the following is one of the possible combinations?

Ans ✗ 1. Chemistry - Yellow - Number 5 from the left

✗ 2. Maths - White - Number 4 from the left

✔ 3. Chemistry - Blue - Number 1 from the left

✗ 4. Physics - Red - Number 3 from the left

Question ID : **9489119603**
Option 1 ID : **94891138412**
Option 2 ID : **94891138410**
Option 3 ID : **94891138409**
Option 4 ID : **94891138411**
Status : **Not Answered**
Chosen Option : **--**

Q.44 Which state inaugurated "One Family One Job Scheme" in Jan, 2019?

Ans ✗ 1. Gujarat

✔ 2. Sikkim

✗ 3. Delhi

✗ 4. Haryana

Question ID : **9489119440**
Option 1 ID : **94891137760**
Option 2 ID : **94891137759**
Option 3 ID : **94891137757**
Option 4 ID : **94891137758**
Status : **Not Answered**
Chosen Option : **--**

Q.45 Which state government declared "Pakke Paga Hornbill Festival" as a state festival?

Ans ✗ 1. Meghalaya

✗ 2. Odisha

✔ 3. Arunachal Pradesh

✗ 4. Andhra Pradesh

Question ID : **9489119409**
Option 1 ID : **94891137636**
Option 2 ID : **94891137633**
Option 3 ID : **94891137634**
Option 4 ID : **94891137635**
Status : **Answered**
Chosen Option : **3**

Q.46 What is the colour code of the dustbin in which non-biodegradable wastes are kept?

Ans ✗ 1. Yellow

✔ 2. Blue

✗ 3. Red

✗ 4. Green

Question ID : **9489119415**
Option 1 ID : **94891137659**
Option 2 ID : **94891137658**
Option 3 ID : **94891137657**
Option 4 ID : **94891137660**
Status : **Answered**
Chosen Option : **3**

Q.47 Spao Dance belongs from the _____ region of India.

Ans ✔ 1. Ladakh

✗ 2. Bundelkhand

✗ 3. Saurashtra

✗ 4. Kutch

Question ID : **9489119410**
Option 1 ID : **94891137637**
Option 2 ID : **94891137639**
Option 3 ID : **94891137640**
Option 4 ID : **94891137638**
Status : **Not Answered**
Chosen Option : **--**

Q.48 If $x^2 + 25y^2 = 10xy$, then $x : y = ?$

Ans ✔ 1. $5 : 1$

✘ 2. $3 : 5$

✘ 3. $1 : 5$

✘ 4. $2 : 3$

Question ID : **9489119066**
Option 1 ID : **94891136261**
Option 2 ID : **94891136263**
Option 3 ID : **94891136262**
Option 4 ID : **94891136264**
Status : **Answered**
Chosen Option : **1**

Q.49 In which year "Ibadat- Khana (House of Worship) was erected by Akbar?

Ans ✘ 1. 1679

✔ 2. 1575

✘ 3. 1675

✘ 4. 1579

Question ID : **9489119419**
Option 1 ID : **94891137675**
Option 2 ID : **94891137673**
Option 3 ID : **94891137676**
Option 4 ID : **94891137674**
Status : **Answered**
Chosen Option : **4**

Q.50 As of December 2020, who is the Lieutenant Governor of Ladakh?

Ans ✘ 1. Manoj Sinha

✘ 2. Rigzin Samphel

✔ 3. Radha Krishna Mathur

✘ 4. Satya Pal Malik

Question ID : **9489119407**
Option 1 ID : **94891137625**
Option 2 ID : **94891137628**
Option 3 ID : **94891137626**
Option 4 ID : **94891137627**
Status : **Marked For Review**
Chosen Option : **3**

Q.51 Two numbers are in the ratio of 5 : 4 and their LCM is 120. The numbers are:

Ans ✗ 1. 10 and 8

✗ 2. 40 and 32

✗ 3. 15 and 12

✔ 4. 30 and 24

Question ID : **9489119046**
Option 1 ID : **94891136182**
Option 2 ID : **94891136183**
Option 3 ID : **94891136184**
Option 4 ID : **94891136181**
Status : **Answered**
Chosen Option : **4**

Q.52 If 2 men or 3 women can finish a piece of work in 15 days. In how many days can 6 men and 9 women together do the same piece of work?

Ans ✗ 1. $6\frac{1}{3}$

✗ 2. $3\frac{1}{3}$

✗ 3. $4\frac{1}{2}$

✔ 4. $2\frac{1}{2}$

Question ID : **9489119063**
Option 1 ID : **94891136252**
Option 2 ID : **94891136249**
Option 3 ID : **94891136251**
Option 4 ID : **94891136250**
Status : **Answered**
Chosen Option : **4**

Q.53 Which part of seeds forms root on germination?

Ans ✗ 1. Plumule

✔ 2. Radicle

✗ 3. Cotyledon

✗ 4. Epicotyl

Question ID : **9489119414**
Option 1 ID : **94891137654**
Option 2 ID : **94891137653**
Option 3 ID : **94891137655**
Option 4 ID : **94891137656**
Status : **Not Answered**
Chosen Option : **--**

Q.54 Which of the following rivers is NOT the tributary of Ganga?

Ans ✔ 1. Indravati

✘ 2. Yamuna

✘ 3. Son

✘ 4. Gomati

Question ID : **9489119422**
Option 1 ID : **94891137685**
Option 2 ID : **94891137688**
Option 3 ID : **94891137686**
Option 4 ID : **94891137687**
Status : **Answered**
Chosen Option : **4**

Q.55 Which of the following organisation completed the 50th year of their establishment in 2019?

Ans ✘ 1. DRDO

✘ 2. HAL

✔ 3. ISRO

✘ 4. BARC

Question ID : **9489119430**
Option 1 ID : **94891137718**
Option 2 ID : **94891137720**
Option 3 ID : **94891137717**
Option 4 ID : **94891137719**
Status : **Answered**
Chosen Option : **3**

Q.56 Select the option in which the numbers are related in the same way as are the numbers in the given sets.

(16, 169, 3), (18, 121, 7), (21, 361, 2), (6, 4, 4)

Ans ✘ 1. (17, 142, 5)

✘ 2. (8, 4, 2)

✔ 3. (13, 16, 9)

✘ 4. (15, 121, 3)

Question ID : **9489119578**
Option 1 ID : **94891138311**
Option 2 ID : **94891138312**
Option 3 ID : **94891138309**
Option 4 ID : **94891138310**
Status : **Answered**
Chosen Option : **3**

Q.57

Find the total no of triangles in the given figure.

Ans

✗ 1. 15

✗ 2. 12

✓ 3. 10

✗ 4. 13

Q.58 There are 917 students in a college out of whom 535 are boys.

In the diagram, the triangle represents 134 students studying in English medium and the circle represents 279 students in science stream. Girls are represented by the rectangle. Partial information regarding the break up of the students and their choice of medium and stream is included in the diagram.
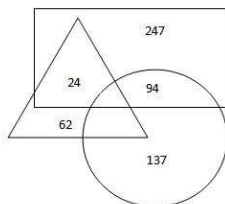
Calculate how many boys are studying in science stream in the English medium.

Ans

✗ 1. 57

✗ 2. 153

✗ 3. 43

✓ 4. 31

Q.59 Against which Act did Gandhiji decide to fight and start a Satyagraha?

Ans
- ✗ 1. Regulating Act (1773)
- ✗ 2. Vernacular Press Act (1878)
- ✗ 3. Government of India Act (1858)
- ✓ 4. Rowlatt Act (1919)

Question ID : **9489119418**
Option 1 ID : **94891137670**
Option 2 ID : **94891137671**
Option 3 ID : **94891137672**
Option 4 ID : **94891137669**
Status : **Answered**
Chosen Option : **4**

Q.60 If the cost price is 92% of the selling price, then the percentage profit is:

Ans
- ✗ 1. 5.65
- ✗ 2. 6.70
- ✓ 3. 8.70
- ✗ 4. 7.25

Question ID : **9489119059**
Option 1 ID : **94891136235**
Option 2 ID : **94891136233**
Option 3 ID : **94891136234**
Option 4 ID : **94891136236**
Status : **Answered**
Chosen Option : **3**

Q.61 In a certain code language, BRIDE is written as FVMHI. How will SINGLE be written as in that language?

Ans
- ✗ 1. WMRJPK
- ✗ 2. WNRKPI
- ✓ 3. WMRKPI
- ✗ 4. WMRJPO

Question ID : **9489119574**
Option 1 ID : **94891138295**
Option 2 ID : **94891138294**
Option 3 ID : **94891138293**
Option 4 ID : **94891138296**
Status : **Answered**
Chosen Option : **3**

Q.62 Proposed Nuclear Power Plant will be established at _____ district of Madhya Pradesh.

Ans   ✗ 1. Betul

    ✗ 2. Neemach

    ✔ 3. Mandla

    ✗ 4. Khandwa

Question ID : **9489119431**
Option 1 ID : **94891137724**
Option 2 ID : **94891137722**
Option 3 ID : **94891137721**
Option 4 ID : **94891137723**
Status : **Answered**
Chosen Option : **3**

Q.63 Select the number that can replace the question mark (?) in the following series.

3, 3, 9, 15, 33, ?, 129, 255, 513, 1023

Ans   ✗ 1. 73

    ✗ 2. 89

    ✔ 3. 63

    ✗ 4. 97

Question ID : **9489119588**
Option 1 ID : **94891138350**
Option 2 ID : **94891138349**
Option 3 ID : **94891138351**
Option 4 ID : **94891138352**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.64 Select the term that will come next in the following series.

AZYB, EVUF, IRQJ, MNMN, ?

Ans   ✗ 1. PJIR

    ✔ 2. QJIR

    ✗ 3. QIJR

    ✗ 4. QJIS

Question ID : **9489119587**
Option 1 ID : **94891138346**
Option 2 ID : **94891138348**
Option 3 ID : **94891138345**
Option 4 ID : **94891138347**
Status : **Answered**
Chosen Option : **2**

Q.65 If the ratio of the areas of two squares is 169 : 196, then the ratio of their perimeters is:

Ans
✓ 1. 13 : 14
✗ 2. 14 : 13
✗ 3. 196 : 169
✗ 4. 169 : 196

Question ID : **9489119064**
Option 1 ID : **94891136255**
Option 2 ID : **94891136256**
Option 3 ID : **94891136254**
Option 4 ID : **94891136253**
Status : **Marked For Review**
Chosen Option : **1**

Q.66 Which woman football player won 'Ballon d'Or Award 2019'?

Ans
✗ 1. Dzsenifer Marozsan
✓ 2. Megan Rapinoe
✗ 3. Hope Solo
✗ 4. Carli Lloyd

Question ID : **9489119405**
Option 1 ID : **94891137620**
Option 2 ID : **94891137617**
Option 3 ID : **94891137619**
Option 4 ID : **94891137618**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.67 A statement is given followed by two arguments. Decide which of the arguments is/are strong with respect to the statement.

Statement:

Everyone should read newspaper daily.

Arguments:

I: Yes, because it will help knowing about what is happening around and increasing general awareness.

II: No, because not everyone prepares for competitive exams.

Ans   ✗ 1. Neither I nor II is strong.

   ✓ 2. Only Argument I is strong.

   ✗ 3. Only Argument II is strong.

   ✗ 4. Both I and II are strong.

Question ID : **9489119582**
Option 1 ID : **94891138328**
Option 2 ID : **94891138325**
Option 3 ID : **94891138326**
Option 4 ID : **94891138327**
Status : **Answered**
Chosen Option : **2**

Q.68 Which of the following territorial disputes is going on between India and Nepal?

Ans   ✓ 1. Kalapani

   ✗ 2. Senkaku

   ✗ 3. Kuril

   ✗ 4. Sino

Question ID : **9489119426**
Option 1 ID : **94891137704**
Option 2 ID : **94891137702**
Option 3 ID : **94891137703**
Option 4 ID : **94891137701**
Status : **Answered**
Chosen Option : **1**

Q.69 India's first Genetic Bank for Wildlife Conservation is located at:

Ans   ✗ 1. Bengaluru

   ✗ 2. Ahmedabad

   ✗ 3. Cochin

   ✓ 4. Hyderabad

Question ID : **9489119434**
Option 1 ID : **94891137734**
Option 2 ID : **94891137735**
Option 3 ID : **94891137736**
Option 4 ID : **94891137733**
Status : **Not Answered**
Chosen Option : **--**

Q.70 A business man sold two flats for ₹8,25,000 each. On one he gains 9% while on the other he loses 9%. Then how much is his gain or loss in the whole transaction?

Ans ✗ 1. 0.75% profit

✗ 2. 0.96% profit

✗ 3. 0.18% loss

✓ 4. 0.81% loss

Question ID : **9489119055**
Option 1 ID : **94891136217**
Option 2 ID : **94891136219**
Option 3 ID : **94891136220**
Option 4 ID : **94891136218**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.71 In Internet technology, what does DNS stand for?

Ans ✗ 1. Dynamic Name System

✗ 2. Distributed Name system

✗ 3. Divided Name System

✓ 4. Domain Name System

Question ID : **9489119437**
Option 1 ID : **94891137746**
Option 2 ID : **94891137745**
Option 3 ID : **94891137748**
Option 4 ID : **94891137747**
Status : **Answered**
Chosen Option : **4**

Q.72 If $\sqrt{1 + \frac{x}{121}} = \frac{12}{11}$, then the value of x is:

Ans ✓ 1. 23

✗ 2. 48

✗ 3. 75

✗ 4. 26

Question ID : **9489119047**
Option 1 ID : **94891136186**
Option 2 ID : **94891136185**
Option 3 ID : **94891136187**
Option 4 ID : **94891136188**
Status : **Answered**
Chosen Option : **1**

Q.73 For two events A and B, $P(A) = \frac{1}{3}$, $P(B) = \frac{1}{4}$ and $P(A \cup B) = \frac{1}{2}$. $P\left(\frac{A}{B}\right) = ?$

Ans
✗ 1. $\dfrac{1}{2}$

✗ 2. $\dfrac{1}{4}$

✗ 3. 1

✔ 4. $\dfrac{1}{3}$

Question ID : 9489119073
Option 1 ID : 94891136289
Option 2 ID : 94891136291
Option 3 ID : 94891136292
Option 4 ID : 94891136290
Status : **Not Attempted and Marked For Review**
Chosen Option : --

Q.74 The product of the LCM and HCF of two positive numbers is 28 and their difference is 3. The numbers are:

Ans
✗ 1. 5 and 6

✗ 2. 3 and 5

✗ 3. 7 and 5

✔ 4. 4 and 7

Question ID : 9489119053
Option 1 ID : 94891136211
Option 2 ID : 94891136209
Option 3 ID : 94891136212
Option 4 ID : 94891136210
Status : **Answered**
Chosen Option : **4**

Q.75 The sum of the digits of the smallest number which, when divided by 18, 21, 25 and 39 leaves a remainder of 3 in each case is:

Ans
✔ 1. 21

✗ 2. 25

✗ 3. 39

✗ 4. 18

Question ID : 9489119050
Option 1 ID : 94891136198
Option 2 ID : 94891136199
Option 3 ID : 94891136200
Option 4 ID : 94891136197
Status : **Answered**
Chosen Option : **1**

Q.76 If $\sqrt{5^n} = 625$, then the value of n is:

Ans ✔ 1. 8

✘ 2. 6

✘ 3. 7

✘ 4. 9

Q.77 If $3\cot\theta = \tan\theta$ then principal value of θ is

Ans ✔ 1. $\dfrac{\pi}{3}$

✘ 2. $\dfrac{\pi}{2}$

✘ 3. $\dfrac{\pi}{6}$

✘ 4. $\dfrac{\pi}{4}$

Q.78 Two boys Rishi and Vamsi start at the same time to ride from Lucknow to Kanpur that is 95 km away. Rishi travels 5 km/h slower than Vamsi. Vamsi reaches Kanpur and immediately start to travel back. On his return journey he meets Rishi who is 25 km away from Kanpur.

Find Rishi's speed.

Ans ✔ 1. 7 km/h

✘ 2. 5 km/h

✘ 3. 8 km/h

✘ 4. 6 km/h

Q.79 Which of the following pairs (Species- Category) is correct with respect to India?

Ans ✗ 1. Black Buck - Rare

✗ 2. Nicobar Pigeon - Endangered

✗ 3. Asiatic Elephant - Endemic

✓ 4. Great Hornbill - Vulnerable

Question ID : **9489119425**
Option 1 ID : **94891137697**
Option 2 ID : **94891137699**
Option 3 ID : **94891137698**
Option 4 ID : **94891137700**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.80 Ramu borrows ₹64,000 at 25% per annum compound interest. At the end of every year he pays ₹3,200 as part of repayment. How much does he still owe after 3 such instalments?

Ans ✗ 1. ₹12,500

✓ 2. ₹1,12,800

✗ 3. ₹12,800

✗ 4. ₹1,12,500

Question ID : **9489119060**
Option 1 ID : **94891136240**
Option 2 ID : **94891136239**
Option 3 ID : **94891136237**
Option 4 ID : **94891136238**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.81 Find the equation of the straight line passing through the points (0, 2) and (1, –3).

Ans ✗ 1. $2x - 3y - 3 = 0$

✓ 2. $5x + y - 2 = 0$

✗ 3. $5x + y + 2 = 0$

✗ 4. $2x + 3y + 3 = 0$

Question ID : **9489119069**
Option 1 ID : **94891136274**
Option 2 ID : **94891136273**
Option 3 ID : **94891136275**
Option 4 ID : **94891136276**
Status : **Answered**
Chosen Option : **2**

Q.82 The circumference of a circle is equal to the perimeter of an equilateral triangle. If the radius of the circle is 21 cm, what is the length of the side of the equilateral triangle?

Ans
- ✗ 1. 22 cm
- ✗ 2. 55 cm
- ✗ 3. 33 cm
- ✓ 4. 44 cm

Question ID : **9489119065**
Option 1 ID : **94891136258**
Option 2 ID : **94891136260**
Option 3 ID : **94891136259**
Option 4 ID : **94891136257**
Status : **Answered**
Chosen Option : **4**

Q.83

If $x = 2 + \sqrt{5}$, then the value of $\left(x - \frac{1}{x}\right)^3$ is:

Ans
- ✗ 1. 125
- ✗ 2. $2\sqrt{5}$
- ✗ 3. 8
- ✓ 4. 64

Question ID : **9489119067**
Option 1 ID : **94891136265**
Option 2 ID : **94891136266**
Option 3 ID : **94891136268**
Option 4 ID : **94891136267**
Status : **Answered**
Chosen Option : **4**

Q.84 Which of the following can produce a virtual image larger than the object?

Ans
- ✓ 1. Concave mirror
- ✗ 2. Convex mirror
- ✗ 3. Plane mirror
- ✗ 4. Concave lens

Question ID : **9489119416**
Option 1 ID : **94891137662**
Option 2 ID : **94891137663**
Option 3 ID : **94891137664**
Option 4 ID : **94891137661**
Status : **Answered**
Chosen Option : **1**

Q.85 What kind of storage is RAM?

Ans ✔ 1. Primary

✘ 2. Tertiary

✘ 3. Secondary

✘ 4. Offline

Q.86 Study the given line graph and answer the question that follows.

The line graph shows the percentage of candidates qualified in different years from 1994 to 2000.

If the number of candidates qualified in 1994 was 35490, then total number of candidates in that year was:

Ans ✘ 1. 111400

✘ 2. 111440

✘ 3. 101440

✔ 4. 101400

Q.87 Study the given line graph and answer the question that follows.

The line graph shows the percentage of candidates qualified in different years from 1994 to 2000.

The total number of candidates qualified in 1997 and 1999 together was 53590 and the number of candidates appeared in 1999 was 43060. Candidates qualified in 1997 are what percentage (approximately) of the candidates qualified in 1999?

Ans
✗ 1. 155 %

✗ 2. 120 %

✗ 3. 160 %

✓ 4. 149 %

Question ID : **9489119590**
Option 1 ID : **94891138357**
Option 2 ID : **94891138359**
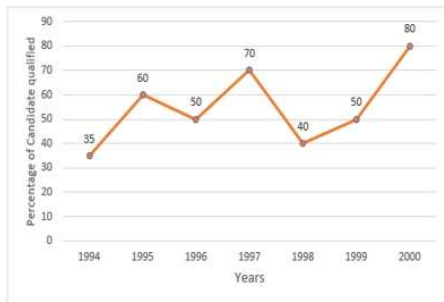Option 3 ID : **94891138360**
Option 4 ID : **94891138358**
Status : **Answered**
Chosen Option : **4**

Q.88 Study the given line graph and answer the question that follows.

The line graph shows the percentage of candidates qualified in different years from 1994 to 2000.
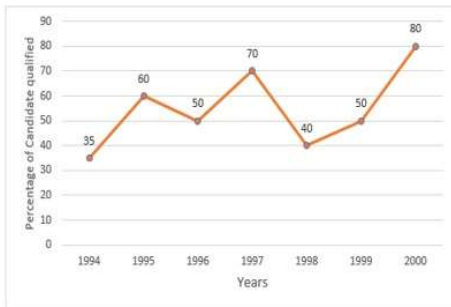
Which of the following statements about the line graph CANNOT be inferred?

Ans ✖ 1.

The lowest percentage of candidates qualified in the year 1994.

✖ 2.

The highest percentage of candidates qualified in the year 2000.

✔ 3.

The number of candidates qualifying in 1996 is the same as the number of candidates qualifying in 1999.

✖ 4.

The percentage of candidates qualifying has risen in 4 periods and fallen in 2 periods between 1994 and 2000.

Q.89 Study the given line graph and answer the question that follows.

The line graph shows the percentage of candidates qualified in different years from 1994 to 2000.

In which of the periods given in the options, is the absolute difference between the percentages of candidates qualified the maximum?

Ans ✗ 1. 1996 and 1999

✗ 2. 1995 and 1997

✗ 3. 1995 and 1996

✔ 4. 1994 and 1995

Question ID : **9489119592**
Option 1 ID : **94891138366**
Option 2 ID : **94891138365**
Option 3 ID : **94891138367**
Option 4 ID : **94891138368**
Status : **Marked For Review**
Chosen Option : **1**

Q.90 In a certain code language, PERMANENT is written as RFPNBMTOE and AUTHORITY is written as TVARPHYUI.
How will ESTABLISH be written as in that language?

Ans ✗ 1. FTUBCMJTJ

✗ 2. TTEACLHTI

✗ 3. TTELCAITH

✔ 4. TTELCAHTI

Question ID : **9489119576**
Option 1 ID : **94891138302**
Option 2 ID : **94891138301**
Option 3 ID : **94891138303**
Option 4 ID : **94891138304**
Status : **Answered**
Chosen Option : **4**

Q.91 You are given the following three statements:

(1) All doctors are engineers.

(2) No engineer is an advocate.

(3) Some advocates are teachers.

Which of the following conclusions is/are correct?

(A) Some engineers are advocates.

(B) No advocate is a doctor.

(C) Some teachers are advocates.

Ans ✗ 1. A and C

✗ 2. C alone

✗ 3. A, B and C

✔ 4. B and C

Question ID : **9489119580**
Option 1 ID : **94891138318**
Option 2 ID : **94891138320**
Option 3 ID : **94891138317**
Option 4 ID : **94891138319**
Status : **Answered**
Chosen Option : **4**

Q.92 A, B, C, D, E are five events which are to be performed on stage from Monday to Saturday, one event every day, not necessarily in the same order, with one day's rest in between. C will be performed on the immediately next day after D. The rest day is between A and E. There is a gap of 2 days between E and C. B is not on the last day and the rest day was not on Tuesday or Thursday. Ignoring the rest day, what was the order in which the events were performed?

Ans ✗ 1. AEBDC

✔ 2. BDCAE

✗ 3. AEDCB

✗ 4. BDCEA

Question ID : **9489119602**
Option 1 ID : **94891138405**
Option 2 ID : **94891138406**
Option 3 ID : **94891138408**
Option 4 ID : **94891138407**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.93 As a guest enters the hotel, the doorman tells him, "Sir, this is the layout map of the common facilities like sauna, walking track, billiards room, swimming pool etc."

Which of the following assumptions is/are implicit in this statement?

I: The guest may like to use some of the facilities.
II: The doorman gets a cut of the revenue generated through facilities which are paid services.

Ans ✗ 1. Both I and II are implicit.

✗ 2. Neither I nor II is implicit.

✔ 3. Only assumption I is implicit.

✗ 4. Only assumption II is implicit.

Q.94 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:

Some questions are answers. All answers are paragraphs. Some paragraphs are essay.

Conclusions:

1. Some questions are essay.

2. Some questions are paragraphs.

Ans ✔ 1. Only conclusion 2 follows.

✗ 2. Only conclusion 1 follows.

✗ 3. Both 1 and 2 follow.

✗ 4. Neither 1 nor 2 follows.

Q.95 Select the option in which the numbers are related in the same way as are the numbers in the given sets.

(343, 36, 13), (64, 16, 8), (27, 25, 8)

Ans
  ✗ 1. (28, 25, 8)

  ✔ 2. (216, 64, 14)

  ✗ 3. (81, 27, 12)

  ✗ 4. (63, 37, 14)

Question ID : **9489119593**
Option 1 ID : **94891138370**
Option 2 ID : **94891138369**
Option 3 ID : **94891138372**
Option 4 ID : **94891138371**
Status : **Answered**
Chosen Option : **2**

Q.96 Pick the odd one out.

Pull, Drive, Cut, Slip

Ans
  ✗ 1. Cut

  ✗ 2. Pull

  ✔ 3. Slip

  ✗ 4. Drive

Question ID : **9489119595**
Option 1 ID : **94891138379**
Option 2 ID : **94891138377**
Option 3 ID : **94891138378**
Option 4 ID : **94891138380**
Status : **Answered**
Chosen Option : **3**

Q.97 Eight persons A, B, C, D, E, F, G and H are sitting on a rectangular table facing away from the center not necessarily in the same order. Two persons are there between A and G. G is sitting on one of the shorter sides of the rectangular shaped table. C is sitting on one of the corners and is not a neighbour of B or D. H is sitting third to the left of G. B is sitting on a longer side of the table and is immediate neighbour of E.

If B is sitting to the left of D, who is sitting opposite D?

Ans
  ✗ 1. F

  ✗ 2. A

  ✔ 3. G

  ✗ 4. C

Question ID : **9489119600**
Option 1 ID : **94891138398**
Option 2 ID : **94891138397**
Option 3 ID : **94891138399**
Option 4 ID : **94891138400**
Status : **Not Answered**
Chosen Option : **--**

Q.98 A to D are sitting in a row not necessarily in the same order. Two of them are facing in one direction and the other two are facing in the opposite direction. B and D are at the extremes and face the North. A is facing the same direction as his neighbour on his left. D is to the left of A. What is the order of seating from left to right?

Ans ✗ 1. BCAD

✗ 2. DCAB

✔ 3. BACD

✗ 4. DACB

Q.99 If 'A + B' means 'A is the brother of B',

'A – B' means 'A is the sister of B',

'A × B' means 'A is the father of B',

then which of the following shows that 'L is the father of K'?

Ans ✗ 1. K – N × L + F

✗ 2. N + K – F × L

✔ 3. L × W – K + F

✗ 4. F – L + N × K

Q.100 Rita, Saroj, Pawan, Vijay and Anoop are sitting around a circular table facing towards the centre. Pawan is sitting immediately left of Saroj and second to the right of Anoop. Rita is sitting immediately left of Pawan.

Who is sitting immediately right of Vijay ?

Ans
✔ 1. Anoop

✘ 2. Saroj

✘ 3. Pawan

✘ 4. Rita

Question ID : **9489119601**
Option 1 ID : **94891138403**
Option 2 ID : **94891138401**
Option 3 ID : **94891138402**
Option 4 ID : **94891138404**
Status : **Not Answered**
Chosen Option : **--**

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