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	Koustav Digital Center
Test Date	08/01/2021
Test Time	3:00 PM - 4:30 PM
Subject	NTPC

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

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

Section : **NTPC**

Q.1 Study the given diagram and answer the question that follow.
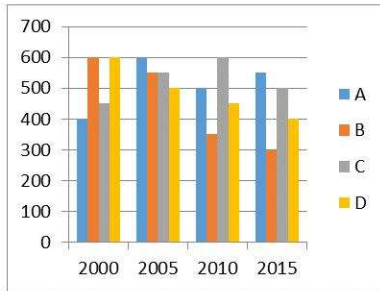
A, B, C and D are different cities, and the given data is of the number of accidents that took place in the respective years 2000, 2005, 2010 and 2015.

If the data for 2020 follows the trend similar to that of 2015, which city is most likely to have a higher number of accidents?

Ans
✖ 1. D
✔ 2. A
✖ 3. B
✖ 4. C

Question ID : **9489111892**
Option 1 ID : **9489117568**
Option 2 ID : **9489117565**
Option 3 ID : **9489117566**
Option 4 ID : **9489117567**
Status : **Answered**
Chosen Option : **2**

Q.2 A is 5 times as good as workman as B and therefore is able to complete a job in 60 days less than B. In how many days will they finish it working together?

Ans

✗ 1. $14\frac{1}{2}$ days

✔ 2. $12\frac{1}{2}$ days

✗ 3. 14 days

✗ 4. 12 days

Question ID : **948911661**
Option 1 ID : **9489112643**
Option 2 ID : **9489112642**
Option 3 ID : **9489112644**
Option 4 ID : **9489112641**
Status : **Answered**
Chosen Option : **2**

Q.3 Which gas is needed for photosynthesis?

Ans

✔ 1. Carbon dioxide

✗ 2. Carbon mono oxide

✗ 3. Oxygen

✗ 4. Hydrogen

Question ID : **948911711**
Option 1 ID : **9489112843**
Option 2 ID : **9489112841**
Option 3 ID : **9489112844**
Option 4 ID : **9489112842**
Status : **Answered**
Chosen Option : **1**

Q.4 Select the option that is related to the third term in the same way as the second term is related to the first term.

BILR : EFOO : : CJPT : ?

Ans

✗ 1. MIEB

✔ 2. FGSQ

✗ 3. NGDE

✗ 4. QWNT

Question ID : **9489111903**
Option 1 ID : **9489117609**
Option 2 ID : **9489117611**
Option 3 ID : **9489117612**
Option 4 ID : **9489117610**
Status : **Answered**
Chosen Option : **2**

Q.5 On being criticized for borrowing features from other countries for the constitution, who said the following- "Nobody holds any patent rights in the fundamental ideas of a constitution."

Ans ✗ 1. Jawahar Lal Nehru

✗ 2. C. Rajagopalachari

✗ 3. Sardar Vallabhbhai Patel

✔ 4. Dr. BR Ambedkar

Question ID : **948911728**
Option 1 ID : **9489112912**
Option 2 ID : **9489112910**
Option 3 ID : **9489112909**
Option 4 ID : **9489112911**
Status : **Not Answered**
Chosen Option : **--**

Q.6 Find the sum of the numbers between 400 and 600 such that when they are divided by 6, 12 and 16, there will be no remainder.

Ans ✗ 1. 2610

✗ 2. 2620

✗ 3. 2026

✔ 4. 2016

Question ID : **948911647**
Option 1 ID : **9489112586**
Option 2 ID : **9489112588**
Option 3 ID : **9489112585**
Option 4 ID : **9489112587**
Status : **Answered**
Chosen Option : **4**

Q.7 Which of the following has been written by Munshi Premchand?

Ans ✗ 1. Yama

✗ 2. Chidambara

✗ 3. Kamayani

✔ 4. Sevasadan

Question ID : **948911708**
Option 1 ID : **9489112830**
Option 2 ID : **9489112832**
Option 3 ID : **9489112829**
Option 4 ID : **9489112831**
Status : **Answered**
Chosen Option : **4**

Q.8 Whom did Mahatma Gandhi consider his mentor in politics?

Ans
- ✗ 1. Raychandbhai
- ✗ 2. Bal Gangadhar Tilak
- ✗ 3. Lala Lajpat Rai
- ✔ 4. Gopal Krishna Gokhale

Question ID : **948911718**
Option 1 ID : **9489112871**
Option 2 ID : **9489112872**
Option 3 ID : **9489112870**
Option 4 ID : **9489112869**
Status : **Answered**
Chosen Option : **4**

Q.9 Who is considered the father of computers?

Ans
- ✔ 1. Charles Babbage
- ✗ 2. Charles Bachman
- ✗ 3. Alan Turing
- ✗ 4. John Atanasoff

Question ID : **948911736**
Option 1 ID : **9489112942**
Option 2 ID : **9489112943**
Option 3 ID : **9489112944**
Option 4 ID : **9489112941**
Status : **Answered**
Chosen Option : **1**

Q.10 Where was the first oil well discovered in Assam?

Ans
- ✗ 1. Moran-Hugrijan
- ✗ 2. Rudrasagar
- ✗ 3. Naharkatiya
- ✔ 4. Digboi

Question ID : **948911726**
Option 1 ID : **9489112901**
Option 2 ID : **9489112904**
Option 3 ID : **9489112902**
Option 4 ID : **9489112903**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Which other movement was combined with the non-cooperation movement in 1920?

Ans
- ✗ 1. Swadeshi Movement
- ✗ 2. August Kranti
- ✓ 3. Khilafat Movement
- ✗ 4. Home Rule Movement

Question ID : **948911717**
Option 1 ID : **9489112865**
Option 2 ID : **9489112867**
Option 3 ID : **9489112868**
Option 4 ID : **9489112866**
Status : **Answered**
Chosen Option : **2**

Q.12 If $6 \left(\sec^2 59° - \cot^2 31°\right) + \frac{2}{3} \sin 90° - 3\tan^2 56° \, y \, \tan^2 34° = \frac{y}{3}$, then the value of y is:

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

Question ID : **948911671**
Option 1 ID : **9489112683**
Option 2 ID : **9489112681**
Option 3 ID : **9489112682**
Option 4 ID : **9489112684**
Status : **Answered**
Chosen Option : **1**

Q.13 Find the least number of five digits, which is exactly divisible by 472.

Ans
- ✗ 1. 10472
- ✓ 2. 10384
- ✗ 3. 10284
- ✗ 4. 10184

Question ID : **948911653**
Option 1 ID : **9489112611**
Option 2 ID : **9489112612**
Option 3 ID : **9489112610**
Option 4 ID : **9489112609**
Status : **Answered**
Chosen Option : **2**

Q.14 Rahul is the brother of Raj. Radha is the sister of Raman. Raj is the son of Radha. Then how is Rahul related to Radha?

Ans ✔ 1. Son

✘ 2. Nephew

✘ 3. Uncle

✘ 4. Brother

Question ID : **9489111897**
Option 1 ID : **9489117585**
Option 2 ID : **9489117587**
Option 3 ID : **9489117588**
Option 4 ID : **9489117586**
Status : **Answered**
Chosen Option : **1**

Q.15 Simplify.

$$\frac{6.25 + \frac{5}{7} \times 28 - 5}{\frac{3}{4} \times (15.8 - 3.4) + 5 \times 2.39}$$

Ans ✘ 1. 3

✔ 2. 1

✘ 3. 5

✘ 4. 4

Question ID : **948911646**
Option 1 ID : **9489112583**
Option 2 ID : **9489112584**
Option 3 ID : **9489112581**
Option 4 ID : **9489112582**
Status : **Answered**
Chosen Option : **2**

Q.16 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

Ans ✘ 1. 8

✘ 2. 12

✘ 3. 10

✔ 4. 6

Question ID : **9489111899**
Option 1 ID : **9489117594**
Option 2 ID : **9489117595**
Option 3 ID : **9489117593**
Option 4 ID : **9489117596**
Status : **Answered**
Chosen Option : **4**

Q.17 Name the recently added 17th zone of the Indian Railway.

Ans   ✗ 1. Konkan Railway

     ✗ 2. Delhi Metro

     ✓ 3. Kolkata Metro

     ✗ 4. East Central Railway

Question ID : **948911743**
Option 1 ID : **9489112971**
Option 2 ID : **9489112970**
Option 3 ID : **9489112969**
Option 4 ID : **9489112972**
Status : **Answered**
Chosen Option : **1**

Q.18 In the following question, four letter pairs are given. The letters on left side of (–) is related to the letters on the right side of (–) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

Ans   ✗ 1. SJF – MPX

     ✓ 2. ZBN – EHU

     ✗ 3. PSD – KYU

     ✗ 4. NRB – IXS

Question ID : **9489111902**
Option 1 ID : **9489117606**
Option 2 ID : **9489117607**
Option 3 ID : **9489117608**
Option 4 ID : **9489117605**
Status : **Answered**
Chosen Option : **1**

Q.19 Simplify.

$$\frac{46 + \frac{3}{4} \times 32 - 6}{37 - \frac{3}{4} \times (34 - 6)}$$

Ans   ✗ 1. 6

     ✗ 2. 10

     ✓ 3. 4

     ✗ 4. 8

Question ID : **948911645**
Option 1 ID : **9489112577**
Option 2 ID : **9489112580**
Option 3 ID : **9489112578**
Option 4 ID : **9489112579**
Status : **Answered**
Chosen Option : **3**

Q.20 A alone can complete a work in 10 days and B can complete it in 15 days. A and B undertake the work for ₹4,800. With the help of C, they complete the work in 5 days. What amount is to be paid to C?

Ans
- ✗ 1. ₹1,200
- ✗ 2. ₹600
- ✗ 3. ₹700
- ✔ 4. ₹800

Question ID : **948911662**
Option 1 ID : **9489112648**
Option 2 ID : **9489112645**
Option 3 ID : **9489112646**
Option 4 ID : **9489112647**
Status : **Answered**
Chosen Option : **4**

Q.21 The compound interest on a certain sum of money at the rate of 11% p.a. for 2 years is ₹4,642. Find its simple interest at the same rate and for the same period.

Ans
- ✔ 1. ₹4,400
- ✗ 2. ₹3,500
- ✗ 3. ₹4,200
- ✗ 4. ₹4,500

Question ID : **948911659**
Option 1 ID : **9489112633**
Option 2 ID : **9489112635**
Option 3 ID : **9489112636**
Option 4 ID : **9489112634**
Status : **Answered**
Chosen Option : **1**

Q.22 Name the youngest-ever UNICEF Goodwill Ambassador.

Ans
- ✗ 1. Priyanka Chopra
- ✔ 2. Millie Bobby Brown
- ✗ 3. Lionel Messi
- ✗ 4. Lily Singh

Question ID : **948911734**
Option 1 ID : **9489112934**
Option 2 ID : **9489112933**
Option 3 ID : **9489112935**
Option 4 ID : **9489112936**
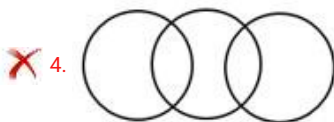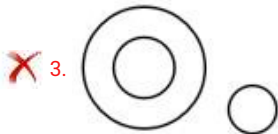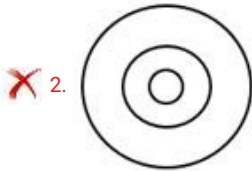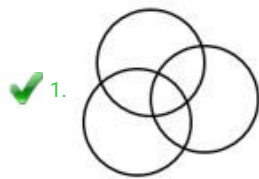Status : **Answered**
Chosen Option : **4**

Q.23 Select the Venn diagram that best represents the relationship between the given set of classes.

Students, Interns and Research scholars

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Q.24 Select the pattern that will come next in the following series.

CKV, DLW, EMX, ?

Ans ✔ 1. FNY
✘ 2. FLP
✘ 3. BOI
✘ 4. HNZ

Q.25 The length of a rectangle is $\frac{3}{5}$ of the radius of a circle. The radius of a circle is equal to the side of a square whose area is 4900 m². What is the area of the rectangle if its breadth is 20 m.

Ans ✗ 1. 860 m^2

 ✔ 2. 840 m^2

 ✗ 3. 480 m^2

 ✗ 4. 880 m^2

Q.26 The least number which should be added to 4707 so that the sum is exactly divisible by 4, 5, 6 and 8 is:

Ans ✗ 1. 63

 ✗ 2. 73

 ✗ 3. 83

 ✔ 4. 93

Q.27 The 2020, UNESCO/Guillermo Cano Press Freedom Prize has been awarded to_____

Ans ✗ 1. Mahmud Abu Zeid

 ✗ 2. Reeyot Alemu

 ✗ 3. Cheng Yizhong

 ✔ 4. Jineth Bedoya Lima

Q.28 Simplify.

$$17 \times 8 - 6 + [(27 - 3) \div 6 - 4]$$

Ans ✗ 1. 136
    ✓ 2. 130
    ✗ 3. 150
    ✗ 4. 142

Question ID : **948911644**
Option 1 ID : **9489112575**
Option 2 ID : **9489112573**
Option 3 ID : **9489112574**
Option 4 ID : **9489112576**
Status : **Answered**
Chosen Option : **2**

Q.29 Select the option that is related to the third term in the same way as the second term is related to the first term.

Paper : Stapler :: Clothes : ?

Ans ✗ 1. Washing machine
    ✓ 2. Hanger
    ✗ 3. Detergent
    ✗ 4. Dryer

Question ID : **9489111875**
Option 1 ID : **9489117500**
Option 2 ID : **9489117499**
Option 3 ID : **9489117497**
Option 4 ID : **9489117498**
Status : **Answered**
Chosen Option : **2**

Q.30 Which famous revolutionary set up base near Satar river in Jhansi in the 1920's using the alias, Pandit Harishankar Brahmachari?

Ans ✗ 1. Bhagat Singh
    ✗ 2. Khudiram Bose
    ✓ 3. Chandrashekhar Azad
    ✗ 4. Udham Singh

Question ID : **948911721**
Option 1 ID : **9489112881**
Option 2 ID : **9489112883**
Option 3 ID : **9489112884**
Option 4 ID : **9489112882**
Status : **Not Answered**
Chosen Option : **--**

Q.31 The smallest six-digit number which is completely divisible by 4, 8, 12 and 16 is:

Ans ✔ 1. 100032

✘ 2. 100700

✘ 3. 100800

✘ 4. 100900

Question ID : **948911648**
Option 1 ID : **9489112589**
Option 2 ID : **9489112591**
Option 3 ID : **9489112590**
Option 4 ID : **9489112592**
Status : **Answered**
Chosen Option : **1**

Q.32 In a firm the ratio of male and female members was 4 : 5. The firm decided to increase the number of males by 80% and the number of female by 60%. What will be the new ratio of male members to female members in the firm?

Ans ✘ 1. 8 : 10

✔ 2. 9 : 10

✘ 3. 18 : 15

✘ 4. 15 : 16

Question ID : **948911655**
Option 1 ID : **9489112620**
Option 2 ID : **9489112618**
Option 3 ID : **9489112619**
Option 4 ID : **9489112617**
Status : **Answered**
Chosen Option : **2**

Q.33 The three laws of motion were proposed by:

Ans ✔ 1. Newton

✘ 2. Galileo

✘ 3. Edison

✘ 4. Aristotle

Question ID : **948911716**
Option 1 ID : **9489112862**
Option 2 ID : **9489112861**
Option 3 ID : **9489112864**
Option 4 ID : **9489112863**
Status : **Answered**
Chosen Option : **1**

Q.34 Name the cyclone that hit Odisha and West Bengal in May 2020.

Ans
- ✗ 1. Bulbul
- ✗ 2. Fani
- ✔ 3. Amphan
- ✗ 4. Hudhud

Question ID : **948911704**
Option 1 ID : **9489112815**
Option 2 ID : **9489112813**
Option 3 ID : **9489112814**
Option 4 ID : **9489112816**
Status : **Answered**
Chosen Option : **3**

Q.35 $3^{71} + 3^{72} + 3^{73} + 3^{74} + 3^{75}$ is divisible by:

Ans
- ✗ 1. 5
- ✗ 2. 8
- ✔ 3. 11
- ✗ 4. 7

Question ID : **948911652**
Option 1 ID : **9489112606**
Option 2 ID : **9489112608**
Option 3 ID : **9489112607**
Option 4 ID : **9489112605**
Status : **Not Answered**
Chosen Option : **--**

Q.36 The mean of a, b, c, d, e and f is 36. If the mean of b, d and f is 28, find the mean of a, c and e.

Ans
- ✗ 1. 30
- ✗ 2. 42
- ✔ 3. 44
- ✗ 4. 32

Question ID : **948911673**
Option 1 ID : **9489112691**
Option 2 ID : **9489112690**
Option 3 ID : **9489112689**
Option 4 ID : **9489112692**
Status : **Answered**
Chosen Option : **3**

Q.37 Which of the following state has the highest wind energy production in India?

Ans
- ✗ 1. Odisha
- ✗ 2. Maharashtra
- ✓ 3. Tamil Nadu
- ✗ 4. Karnataka

Question ID : **948911714**
Option 1 ID : **9489112854**
Option 2 ID : **9489112856**
Option 3 ID : **9489112855**
Option 4 ID : **9489112853**
Status : **Answered**
Chosen Option : **3**

Q.38 What is the momentum of an object having mass of 14 kg and velocity 28 m/s?

Ans
- ✓ 1. 392 kg-m/s
- ✗ 2. 1/392 kg-m/s
- ✗ 3. 0.5 kg-m/s
- ✗ 4. 2 kg-m/s

Question ID : **948911712**
Option 1 ID : **9489112846**
Option 2 ID : **9489112848**
Option 3 ID : **9489112845**
Option 4 ID : **9489112847**
Status : **Answered**
Chosen Option : **1**

Q.39 Which Indian female shooter had won the gold medal in individual 10m air rifle women event at the 2019 ISSF World Cup in New Delhi?

Ans
- ✓ 1. Apurvi Chandela
- ✗ 2. Heena Sidhu
- ✗ 3. Manu Bhaker
- ✗ 4. Anjum Moudgil

Question ID : **948911706**
Option 1 ID : **9489112822**
Option 2 ID : **9489112824**
Option 3 ID : **9489112823**
Option 4 ID : **9489112821**
Status : **Answered**
Chosen Option : **1**

Q.40 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

9	5	5
5	7	?
3	4	5
135	140	150

Ans
✗ 1. 4
✗ 2. 10
✗ 3. 8
✓ 4. 6

Question ID : **9489111885**
Option 1 ID : **9489117540**
Option 2 ID : **9489117538**
Option 3 ID : **9489117537**
Option 4 ID : **9489117539**
Status : **Answered**
Chosen Option : **4**

Q.41 Ramesh Sharma borrows ₹8,000 for 3 years at 5% p.a. simple interest. He lends it to Manohar at 7% p.a. for 3 years. Find his gain.

Ans
✗ 1. ₹580
✓ 2. ₹480
✗ 3. ₹450
✗ 4. ₹460

Question ID : **948911658**
Option 1 ID : **9489112632**
Option 2 ID : **9489112630**
Option 3 ID : **9489112631**
Option 4 ID : **9489112629**
Status : **Answered**
Chosen Option : **2**

Q.42 From an external point P, tangents PA and PB are drawn to a circle with centre O. If $\angle PAB = 55°$, find $\angle AOB$.

Ans
✗ 1. $125°$
✗ 2. $35°$
✓ 3. $110°$
✗ 4. $100°$

Question ID : **948911668**
Option 1 ID : **9489112672**
Option 2 ID : **9489112671**
Option 3 ID : **9489112669**
Option 4 ID : **9489112670**
Status : **Answered**
Chosen Option : **2**

Q.43 Due to 25 % reduction in the price of wheat per kg, John is able to buy 5 kg more for ₹600. What is the original price of wheat per kg?

Ans

✗ 1. ₹45

✔ 2. ₹40

✗ 3. ₹50

✗ 4. ₹60

Question ID : **948911656**
Option 1 ID : **9489112624**
Option 2 ID : **9489112621**
Option 3 ID : **9489112622**
Option 4 ID : **9489112623**
Status : **Answered**
Chosen Option : **2**

Q.44 Which place was called the "nursery of the Bengal army"?

Ans

✔ 1. Awadh

✗ 2. Eastern Uttar Pradesh

✗ 3. Punjab

✗ 4. Bengal

Question ID : **948911720**
Option 1 ID : **9489112878**
Option 2 ID : **9489112877**
Option 3 ID : **9489112880**
Option 4 ID : **9489112879**
Status : **Not Answered**
Chosen Option : **--**

Q.45 Litmus solution is derived from _____

Ans

✗ 1. Hydrangea

✗ 2. Petunia

✔ 3. Lichen

✗ 4. Cabbage leaves

Question ID : **948911713**
Option 1 ID : **9489112849**
Option 2 ID : **9489112851**
Option 3 ID : **9489112852**
Option 4 ID : **9489112850**
Status : **Answered**
Chosen Option : **3**

Q.46 Who said in the Constituent assembly debate on 27 August 1947, "I believe separate electorates will be suicidal to the minorities."

Ans ✔ 1. Govind Ballabh Pant

✗ 2. R. V Dhulekar

✗ 3. B. Pocker Bahadur

✗ 4. Sardar Vallabhbhai Patel

Question ID : **948911727**
Option 1 ID : **9489112906**
Option 2 ID : **9489112908**
Option 3 ID : **9489112907**
Option 4 ID : **9489112905**
Status : **Not Answered**
Chosen Option : --

Q.47 What is the full form of COBOL?

Ans ✗ 1. Computer Basic Operation Language

✗ 2. Computer Business Oriented Language

✗ 3. Common Business Organised Language

✔ 4. Common Business Oriented Language

Question ID : **948911737**
Option 1 ID : **9489112947**
Option 2 ID : **9489112946**
Option 3 ID : **9489112945**
Option 4 ID : **9489112948**
Status : **Answered**
Chosen Option : **1**

Q.48 Which function key in Excel helps to switch to edit mode?

Ans ✗ 1. F7

✔ 2. F2

✗ 3. F5

✗ 4. F3

Question ID : **948911738**
Option 1 ID : **9489112952**
Option 2 ID : **9489112949**
Option 3 ID : **9489112951**
Option 4 ID : **9489112950**
Status : **Not Answered**
Chosen Option : --

Q.49 A man bought 2 articles for ₹3,000 each. He sold one article at 10% profit and another at 5% profit. Find the total percentage profit he earned.

Ans   ✗ 1. 15%

      ✓ 2. 7.5%

      ✗ 3. 8.5%

      ✗ 4. 6.5%

Question ID : **948911660**
Option 1 ID : **9489112639**
Option 2 ID : **9489112637**
Option 3 ID : **9489112640**
Option 4 ID : **9489112638**
Status : **Answered**
Chosen Option : **2**

Q.50 Find the area of a rhombus whose side is 10 cm and the longest diagonal is 16 cm.

Ans   ✗ 1. 86 cm^2

      ✗ 2. 88 cm^2

      ✓ 3. 96 cm^2

      ✗ 4. 94 cm^2

Question ID : **948911664**
Option 1 ID : **9489112655**
Option 2 ID : **9489112656**
Option 3 ID : **9489112653**
Option 4 ID : **9489112654**
Status : **Not Answered**
Chosen Option : **--**

Q.51 Select the number from among the given options that will come next in the following series.

4, 16, 40, ?

Ans   ✓ 1. 88

      ✗ 2. 68

      ✗ 3. 48

      ✗ 4. 98

Question ID : **9489111887**
Option 1 ID : **9489117545**
Option 2 ID : **9489117548**
Option 3 ID : **9489117546**
Option 4 ID : **9489117547**
Status : **Answered**
Chosen Option : **1**

Q.52 In May 2019, the last captive White tiger of Mumbai died. What was the name of the tiger?

Ans ✗ 1. Shivaji

✗ 2. Balaji

✔ 3. Bajirao

✗ 4. Vishwanath

Question ID : **948911715**
Option 1 ID : **9489112858**
Option 2 ID : **9489112860**
Option 3 ID : **9489112857**
Option 4 ID : **9489112859**
Status : **Not Answered**
Chosen Option : **--**

Q.53 The perimeter of a right triangle is 60 cm and its hypotenuse is 26 cm. Find the area of the triangle.

Ans ✗ 1. $160 \, cm^2$

✗ 2. $180 \, cm^2$

✔ 3. $120 \, cm^2$

✗ 4. $240 \, cm^2$

Question ID : **948911669**
Option 1 ID : **9489112674**
Option 2 ID : **9489112675**
Option 3 ID : **9489112676**
Option 4 ID : **9489112673**
Status : **Not Answered**
Chosen Option : **--**

Q.54 A train covers 400 km at a uniform speed. If the speed had been 10 km/h more, it would have taken 2 h less for the same journey. Find the speed of the train.

Ans ✔ 1. 40 km/h

✗ 2. 50 km/h

✗ 3. 55 km/h

✗ 4. 45 km/h

Question ID : **948911663**
Option 1 ID : **9489112649**
Option 2 ID : **9489112651**
Option 3 ID : **9489112652**
Option 4 ID : **9489112650**
Status : **Answered**
Chosen Option : **1**

Q.55 Which one of the following was a measure taken under the Rowlatt Act?

Ans ✗ 1. Restriction on wearing Khadi.

✗ 2. Restriction on traveling abroad.

✗ 3. Forced to buy foreign goods.

✓ 4. Imprisonment without trial.

Question ID : **948911719**
Option 1 ID : **9489112874**
Option 2 ID : **9489112876**
Option 3 ID : **9489112873**
Option 4 ID : **9489112875**
Status : **Answered**
Chosen Option : **4**

Q.56 Which sector is the biggest emitter of greenhouse gases?

Ans ✗ 1. Waste

✓ 2. Energy

✗ 3. Land use change

✗ 4. Agriculture

Question ID : **948911733**
Option 1 ID : **9489112929**
Option 2 ID : **9489112931**
Option 3 ID : **9489112930**
Option 4 ID : **9489112932**
Status : **Answered**
Chosen Option : **3**

Q.57 If A is equal to 1, M is equal to 13 and R is equal 18, how would you spell MISSION?

Ans ✗ 1. 149191991314

✓ 2. 139191991514

✗ 3. 129191991314

✗ 4. 139191991314

Question ID : **9489111879**
Option 1 ID : **9489117515**
Option 2 ID : **9489117513**
Option 3 ID : **9489117514**
Option 4 ID : **9489117516**
Status : **Answered**
Chosen Option : **2**

Q.58 The average weight of A, B, C and D is 56 kg. If the average weight of A, B and C is 52 kg and that of C and D is 48 kg, then the weight of C is:

Ans
✗ 1. 30 kg
✗ 2. 36 kg
✓ 3. 28 kg
✗ 4. 34 kg

Q.59 If $\sqrt{2116 \times \sqrt{48 \div x}} = 92$, find the value of x.

Ans
✓ 1. 3
✗ 2. 12
✗ 3. 2
✗ 4. 6

Q.60 The full form of BHEL is _____

Ans
✗ 1. Bureau of Heavy Electronics Limited
✗ 2. Bureau of Heavy Electricals Limited
✓ 3. Bharat Heavy Electricals Limited
✗ 4. Bharat Heavy Electronics Limited

Q.61 If $\cos x = \frac{-1}{2}$ and $\pi < x < \frac{3\pi}{2}$, find the value of $4 \tan^2 x - 3\cosec^2 x$.

Ans
- ✗ 1. 16
- ✓ 2. 8
- ✗ 3. 10
- ✗ 4. 12

Question ID : **948911670**
Option 1 ID : **9489112678**
Option 2 ID : **9489112677**
Option 3 ID : **9489112680**
Option 4 ID : **9489112679**
Status : **Not Answered**
Chosen Option : --

Q.62 As per Public affair Index 2020 (PAI-2020), which of the following state emerged as the best governed state in the country?

Ans
- ✗ 1. Punjab
- ✗ 2. Maharashtra
- ✓ 3. Kerala
- ✗ 4. Gujrat

Question ID : **948911724**
Option 1 ID : **9489112896**
Option 2 ID : **9489112894**
Option 3 ID : **9489112895**
Option 4 ID : **9489112893**
Status : **Answered**
Chosen Option : **3**

Q.63 Which of the following Heritage sites has the Dravidian style of architecture?

Ans
- ✗ 1. Konark
- ✗ 2. Ellora
- ✗ 3. Khajuraho
- ✓ 4. Hampi

Question ID : **948911710**
Option 1 ID : **9489112840**
Option 2 ID : **9489112839**
Option 3 ID : **9489112838**
Option 4 ID : **9489112837**
Status : **Answered**
Chosen Option : **4**

Q.64 Which of the following is a cause for Migration of unskilled workers?

Ans ✔ 1. Poverty

✘ 2. Ambience

✘ 3. Population

✘ 4. Pollution

Question ID : **948911723**
Option 1 ID : **9489112890**
Option 2 ID : **9489112892**
Option 3 ID : **9489112891**
Option 4 ID : **9489112889**
Status : **Answered**
Chosen Option : **1**

Q.65 What was India's Rank in Human Development Index, 2019?

Ans ✔ 1. 129

✘ 2. 139

✘ 3. 152

✘ 4. 147

Question ID : **948911742**
Option 1 ID : **9489112967**
Option 2 ID : **9489112965**
Option 3 ID : **9489112968**
Option 4 ID : **9489112966**
Status : **Answered**
Chosen Option : **2**

Q.66 In a code language, if KARAN is written as 45, then how will ARUN be written as in that language?

Ans ✔ 1. 54

✘ 2. 41

✘ 3. 42

✘ 4. 56

Question ID : **9489111895**
Option 1 ID : **9489117579**
Option 2 ID : **9489117577**
Option 3 ID : **9489117578**
Option 4 ID : **9489117580**
Status : **Answered**
Chosen Option : **1**

Q.67 As per flag code of India 2002, What should be the position of the Indian flag when it is displayed along with flags of other countries in a straight line?

Ans ✖ 1. Extreme left

✔ 2. Extreme right

✖ 3. Anywhere in the row

✖ 4. In the middle

Question ID : **948911729**
Option 1 ID : **9489112916**
Option 2 ID : **9489112915**
Option 3 ID : **9489112913**
Option 4 ID : **9489112914**
Status : **Answered**
Chosen Option : **2**

Q.68 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

4	3	8
9	7	2
8	6	4
44	27	?

Ans ✔ 1. 20

✖ 2. 64

✖ 3. 14

✖ 4. 84

Question ID : **9489111884**
Option 1 ID : **9489117534**
Option 2 ID : **9489117535**
Option 3 ID : **9489117533**
Option 4 ID : **9489117536**
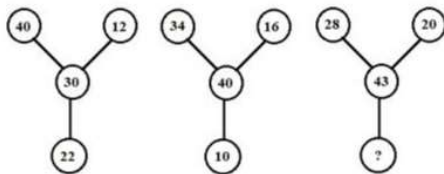Status : **Answered**
Chosen Option : **1**

Q.69 Nobel Laureate, Kailash Satyarthi is associated with which of the following organization?

Ans ✗ 1. SOS village

✗ 2. Child Relief and You

✔ 3. Bachpan Bachao Andolan

✗ 4. Beti Bachao, Beti Padhao

Question ID : **948911705**
Option 1 ID : **9489112819**
Option 2 ID : **9489112817**
Option 3 ID : **9489112820**
Option 4 ID : **9489112818**
Status : **Answered**
Chosen Option : **3**

Q.70 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

Ans ✗ 1. 9

✗ 2. 11

✗ 3. 7

✔ 4. 5

Question ID : **9489111901**
Option 1 ID : **9489117604**
Option 2 ID : **9489117602**
Option 3 ID : **9489117601**
Option 4 ID : **9489117603**
Status : **Answered**
Chosen Option : **4**

Q.71 In an election the votes cast for two candidates were in the ratio 2 : 9. If the successful candidate received 984321 votes, find the total votes polled.

Ans ✗ 1. 1230059

✗ 2. 1320059

✗ 3. 1302059

✔ 4. 1203059

Question ID : **948911654**
Option 1 ID : **9489112614**
Option 2 ID : **9489112615**
Option 3 ID : **9489112616**
Option 4 ID : **9489112613**
Status : **Answered**
Chosen Option : **4**

Q.72 Name the Buddhist text that comprises rules for monks.

Ans   ✗ 1. Abhidhamma Pitaka

     ✔ 2. Vinaya Pitaka

     ✗ 3. Tipitaka

     ✗ 4. Sutta Pitaka

Question ID : **948911709**
Option 1 ID : **9489112833**
Option 2 ID : **9489112836**
Option 3 ID : **9489112835**
Option 4 ID : **9489112834**
Status : **Answered**
Chosen Option : **1**

Q.73 If $a^2 + b^2 = 82$ and $ab = 9$, find the value of $a^3 + b^3$.

Ans   ✗ 1. 750

     ✔ 2. 730

     ✗ 3. 720

     ✗ 4. 830

Question ID : **948911667**
Option 1 ID : **9489112666**
Option 2 ID : **9489112667**
Option 3 ID : **9489112665**
Option 4 ID : **9489112668**
Status : **Answered**
Chosen Option : **2**

Q.74 CSIR scientists have conducted a genetic study for the first time in India. Where has the study been conducted?

Ans   ✗ 1. Andaman

     ✗ 2. Kochi

     ✗ 3. Hyderabad

     ✔ 4. Lakshwadeep

Question ID : **948911731**
Option 1 ID : **9489112921**
Option 2 ID : **9489112922**
Option 3 ID : **9489112923**
Option 4 ID : **9489112924**
Status : **Answered**
Chosen Option : **3**

Q.75 The region where farmers specialise in vegetables only, this type of farming is known as :

Ans ✗ 1. Mixed farming

✗ 2. Collective farming

✗ 3. Cooperative farming

✓ 4. Truck farming

Question ID : **948911722**
Option 1 ID : **9489112886**
Option 2 ID : **9489112885**
Option 3 ID : **9489112888**
Option 4 ID : **9489112887**
Status : **Answered**
Chosen Option : **2**

Q.76 If the sum of squares of two positive numbers is 2437 and square root of one number is 7, find the other number.

Ans ✓ 1. 6

✗ 2. 16

✗ 3. 12

✗ 4. 8

Question ID : **948911651**
Option 1 ID : **9489112601**
Option 2 ID : **9489112604**
Option 3 ID : **9489112603**
Option 4 ID : **9489112602**
Status : **Answered**
Chosen Option : **1**

Q.77 Which is the longest railway line in the world?

Ans ✗ 1. Trans-Canadian Railway

✗ 2. The Union- Pacific railway

✗ 3. The Australian Trans-Continental Railway

✓ 4. Trans-Siberian Railway

Question ID : **948911725**
Option 1 ID : **9489112898**
Option 2 ID : **9489112899**
Option 3 ID : **9489112900**
Option 4 ID : **9489112897**
Status : **Not Answered**
Chosen Option : **--**

Q.78 If the length of side of a square is increased by 10%, what is the percentage increase in its area?

Ans ✗ 1. 10%

✗ 2. 20%

✔ 3. 21%

✗ 4. 15%

Question ID : **948911657**
Option 1 ID : **9489112626**
Option 2 ID : **9489112628**
Option 3 ID : **9489112625**
Option 4 ID : **9489112627**
Status : **Answered**
Chosen Option : **1**

Q.79 Name the Kalvari class submarine launched in Mumbai in Nov 2020.

Ans ✗ 1. INS Arighat

✗ 2. INS Khanderi

✔ 3. INS Vagir

✗ 4. INS Karanj

Question ID : **948911707**
Option 1 ID : **9489112828**
Option 2 ID : **9489112827**
Option 3 ID : **9489112825**
Option 4 ID : **9489112826**
Status : **Answered**
Chosen Option : **2**

Q.80 Name the first student satellite built by Indian high school student team and launched by NASA.

Ans ✗ 1. Pratham

✗ 2. Anusat

✔ 3. Kalamsat

✗ 4. SRMsat

Question ID : **948911732**
Option 1 ID : **9489112927**
Option 2 ID : **9489112925**
Option 3 ID : **9489112926**
Option 4 ID : **9489112928**
Status : **Answered**
Chosen Option : **1**

Q.81 Which state in India has the biggest consumption of fertliser(in Kg Per hectare)?

Ans ✗ 1. Haryana

✗ 2. West Bengal

✗ 3. Andhra Pradesh

✔ 4. Punjab

Question ID : **948911741**
Option 1 ID : **9489112961**
Option 2 ID : **9489112964**
Option 3 ID : **9489112963**
Option 4 ID : **9489112962**
Status : **Answered**
Chosen Option : **2**

Q.82 What is the code name of India's first successful Nuclear test?

Ans ✗ 1. Operation Shakti

✗ 2. Laughing Buddha

✗ 3. Operation Vijay

✔ 4. Smiling Buddha

Question ID : **948911730**
Option 1 ID : **9489112917**
Option 2 ID : **9489112920**
Option 3 ID : **9489112919**
Option 4 ID : **9489112918**
Status : **Not Answered**
Chosen Option : **--**

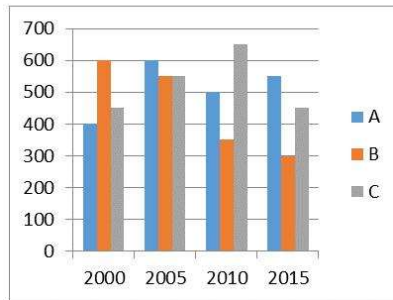**Q.83** If $x^4 + x^{-4} = 1154,$ then the value of $x + x^{-1}$ is:

Ans ✗ 1. 8

✔ 2. 6

✗ 3. 5

✗ 4. 12

Question ID : **948911666**
Option 1 ID : **9489112663**
Option 2 ID : **9489112661**
Option 3 ID : **9489112662**
Option 4 ID : **9489112664**
Status : **Not Answered**
Chosen Option : **--**

Q.84 Study the given diagram and answer the question that follow.

A, B and C are different cities and the given data is of the number of accidents that took place in the respective years 2000, 2005, 2010 and 2015.

On the basis of given data, which city can be said to have controlled accidents most effectively?

Ans
✗ 1. A and C both
✔ 2. B
✗ 3. C
✗ 4. A

Question ID : **9489111893**
Option 1 ID : **9489117572**
Option 2 ID : **9489117570**
Option 3 ID : **9489117571**
Option 4 ID : **9489117569**
Status : **Answered**
Chosen Option : **2**

Q.85 Which city has bagged the second spot in the Swacch Sarvekshan award for 2020?

Ans
✗ 1. Chandigarh
✔ 2. Surat
✗ 3. New Delhi
✗ 4. Bhopal

Question ID : **948911740**
Option 1 ID : **9489112958**
Option 2 ID : **9489112959**
Option 3 ID : **9489112960**
Option 4 ID : **9489112957**
Status : **Answered**
Chosen Option : **4**

Q.86 Select the number that will come next in the following series.

2, 7, 14, 23, ?

Ans ✔ 1. 34
✘ 2. 30
✘ 3. 13
✘ 4. 33

Question ID : **9489111876**
Option 1 ID : **9489117502**
Option 2 ID : **9489117504**
Option 3 ID : **9489117503**
Option 4 ID : **9489117501**
Status : **Answered**
Chosen Option : **1**

Q.87 If A is taller than B and B is taller than C, D is shorter than B but taller than C, then D is:

Ans ✘ 1. taller than B
✘ 2. the shortest
✘ 3. taller than A and B
✔ 4. taller than C

Question ID : **9489111880**
Option 1 ID : **9489117518**
Option 2 ID : **9489117520**
Option 3 ID : **9489117519**
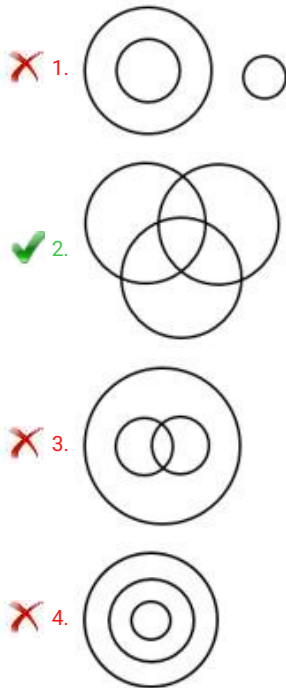Option 4 ID : **9489117517**
Status : **Answered**
Chosen Option : **4**

Q.88 Study the given diagram and answer the question that follow.
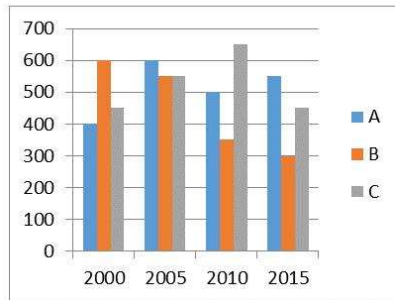
A, B and C are different cities and the given data is of the number of accidents that took place in the respective years 2000, 2005, 2010 and 2015.

Which city has the highest number of accidents on an average?

Ans ✗ 1. B

✗ 2. A

✔ 3. C

✗ 4. A and C both

Question ID : **9489111891**
Option 1 ID : **9489117562**
Option 2 ID : **9489117561**
Option 3 ID : **9489117563**
Option 4 ID : **9489117564**
Status : **Answered**
Chosen Option : **3**

Q.89 Select the Venn diagram that best represents the relationship between the given set of classes.

Short women, White-haired people, Indians

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Q.90 If the south-east direction moves two places and becomes north-east; and north-west moves two places to become south-west, what would be the direction that west would become, assuming all other directions make similar movements?

Ans

✗ 1. East

✗ 2. North-east

✔ 3. South

✗ 4. North-west

Q.91 After starting from a point, Naveen walks 3 km towards the east. Then turning to his left he moves 3 km. After this he again turns his left and moves 4 km. In which direction is he standing from his starting point?

Ans
✔ 1. North-west
✘ 2. South-east
✘ 3. South
✘ 4. North

Question ID : **9489111889**
Option 1 ID : **9489117554**
Option 2 ID : **9489117555**
Option 3 ID : **9489117556**
Option 4 ID : **9489117553**
Status : **Answered**
Chosen Option : **1**

Q.92 Reading the English alphabet from left to right, what is the 5th letter to the right of the 14th letter?

Ans
✔ 1. S
✘ 2. T
✘ 3. R
✘ 4. U

Question ID : **9489111900**
Option 1 ID : **9489117598**
Option 2 ID : **9489117599**
Option 3 ID : **9489117597**
Option 4 ID : **9489117600**
Status : **Answered**
Chosen Option : **1**

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

9, 81, 6561, ?

Ans
✘ 1. 43046221
✘ 2. 43046621
✘ 3. 42046721
✔ 4. 43046721

Question ID : **9489111883**
Option 1 ID : **9489117531**
Option 2 ID : **9489117530**
Option 3 ID : **9489117532**
Option 4 ID : **9489117529**
Status : **Answered**
Chosen Option : **4**

Q.94 In a code language, if LAST is written as 1234 and BOOK is written as 5667, how will TOAST be written as in that language?

Ans
- ✗ 1. 45234
- ✗ 2. 47234
- ✔ 3. 46234
- ✗ 4. 46324

Question ID : **9489111894**
Option 1 ID : **9489117573**
Option 2 ID : **9489117575**
Option 3 ID : **9489117574**
Option 4 ID : **9489117576**
Status : **Answered**
Chosen Option : **3**

Q.95 In a code language, if FORWARD is written as 1234536 and WATER is written as 45783, how will RETARD be written as in that language?

Ans
- ✗ 1. 386536
- ✗ 2. 387546
- ✔ 3. 387536
- ✗ 4. 386546

Question ID : **9489111882**
Option 1 ID : **9489117527**
Option 2 ID : **9489117525**
Option 3 ID : **9489117528**
Option 4 ID : **9489117526**
Status : **Answered**
Chosen Option : **3**

Q.96 Select the number from among the given options that will come next in the following series.

3, 27, 243, ?

Ans
- ✗ 1. 2900
- ✗ 2. 2493
- ✔ 3. 2187
- ✗ 4. 2100

Question ID : **9489111886**
Option 1 ID : **9489117541**
Option 2 ID : **9489117544**
Option 3 ID : **9489117542**
Option 4 ID : **9489117543**
Status : **Answered**
Chosen Option : **3**

Q.97 A question is given followed by two arguments. Decide which of the arguments is/are strong with respect to the question.

Question:

Should elections be conducted for student unions in educational institutions?

Arguments:

1. Yes, it is important to conduct elections so that the rights and complaints of the students can be heard by authorities.

2. No, it disrupts the educational environment and leads to chaos and violence in institutes which does not solve any problems but creates more issues.

Ans ✗ 1. Only 2 is strong.

✗ 2. Only 1 is strong.

✗ 3. Neither 1 nor 2 is strong.

✓ 4. Both, 1 and 2 are strong.

Question ID : **9489111881**
Option 1 ID : **9489117522**
Option 2 ID : **9489117521**
Option 3 ID : **9489117524**
Option 4 ID : **9489117523**
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.

Hand : Thumb :: Pen : ?

Ans ✓ 1. Nib

✗ 2. Paper

✗ 3. Finger

✗ 4. Holder

Question ID : **9489111874**
Option 1 ID : **9489117495**
Option 2 ID : **9489117494**
Option 3 ID : **9489117493**
Option 4 ID : **9489117496**
Status : **Answered**
Chosen Option : **1**

Q.99 In a code language, if RAMAN is written as 47, then how will ARJUN be written as in that language?

Ans
✗ 1. 44
✗ 2. 54
✓ 3. 64
✗ 4. 74

Question ID : **9489111888**
Option 1 ID : **9489117550**
Option 2 ID : **9489117551**
Option 3 ID : **9489117549**
Option 4 ID : **9489117552**
Status : **Answered**
Chosen Option : **3**

Q.100 How many 3s are there in the given series that are followed by 9 and preceded by 8?

183979399763498397458396830077536826 5969

Ans
✗ 1. 4
✗ 2. 5
✓ 3. 3
✗ 4. 1

Question ID : **9489111878**
Option 1 ID : **9489117509**
Option 2 ID : **9489117511**
Option 3 ID : **9489117510**
Option 4 ID : **9489117512**
Status : **Answered**
Chosen Option : **3**