



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC



Participant ID	
Participant Name	
Test Center Name	SVS Technology and Solutions
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.

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

Section : NTPC

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

- Ans
- ☒ 1. 16
 - ☒ 2. 10
 - ☒ 3. 12
 - ☒ 4. 8

Question ID : 948911670

Option 1 ID : 9489112678

Option 2 ID : 9489112680

Option 3 ID : 9489112679

Option 4 ID : 9489112677

Status : Not Answered

Chosen Option : --

Q.2 Which place was called the “nursery of the Bengal army”?

- Ans ☒ 1. Awadh
☒ 2. Bengal
☒ 3. Eastern Uttar Pradesh
☒ 4. Punjab

Question ID : 948911720

Option 1 ID : 9489112878

Option 2 ID : 9489112879

Option 3 ID : 9489112877

Option 4 ID : 9489112880

Status : **Not Answered**

Chosen Option : --

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

- Ans ☒ 1. 2
☒ 2. 3
☒ 3. 1
☒ 4. 4

Question ID : 948911671

Option 1 ID : 9489112681

Option 2 ID : 9489112682

Option 3 ID : 9489112683

Option 4 ID : 9489112684

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.4 Which gas is needed for photosynthesis?

- Ans ☒ 1. Carbon dioxide
☒ 2. Oxygen
☒ 3. Hydrogen
☒ 4. Carbon mono oxide

Question ID : 948911711

Option 1 ID : 9489112843

Option 2 ID : 9489112844

Option 3 ID : 9489112842

Option 4 ID : 9489112841

Status : **Answered**

Chosen Option : 1

Q.5 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. ₹700
 - ☒ 2. ₹1,200
 - ☒ 3. ₹800
 - ☒ 4. ₹600

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

Q.6 Find the area of a rhombus whose side is 10 cm and the longest diagonal is 16 cm.

- Ans**
- ☒ 1. 88 cm²
 - ☒ 2. 96 cm²
 - ☒ 3. 86 cm²
 - ☒ 4. 94 cm²

Question ID : 948911664
Option 1 ID : 9489112656
Option 2 ID : 9489112653
Option 3 ID : 9489112655
Option 4 ID : 9489112654
Status : Answered
Chosen Option : 2

Q.7 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. ₹4,500
 - ☒ 4. ₹4,200

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

Q.8 Which function key in Excel helps to switch to edit mode?

- Ans
- ☒ 1. F2
 - ☐ 2. F5
 - ☐ 3. F3
 - ☐ 4. F7

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

Q.9 The 2020, UNESCO/Guillermo Cano Press Freedom Prize has been awarded to _____

- Ans
- ☒ 1. Jineth Bedoya Lima
 - ☐ 2. Cheng Yizhong
 - ☐ 3. Mahmud Abu Zeid
 - ☐ 4. Reeyot Alemu

Question ID : 948911735
Option 1 ID : 9489112937
Option 2 ID : 9489112940
Option 3 ID : 9489112938
Option 4 ID : 9489112939
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.10 Name the Buddhist text that comprises rules for monks.

- Ans
- ☐ 1. Tipitaka
 - ☒ 2. Vinaya Pitaka
 - ☐ 3. Sutta Pitaka
 - ☐ 4. Abhidhamma Pitaka

Question ID : 948911709
Option 1 ID : 9489112835
Option 2 ID : 9489112836
Option 3 ID : 9489112834
Option 4 ID : 9489112833
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.11 Name the cyclone that hit Odisha and West Bengal in May 2020.

- Ans
- ☒ 1. Fani
 - ☒ 2. Bulbul
 - ☒ 3. Amphan
 - ☒ 4. Hudhud

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

Q.12 Which one of the following was a measure taken under the Rowlatt Act?

- Ans
- ☒ 1. Restriction on traveling abroad.
 - ☒ 2. Restriction on wearing Khadi.
 - ☒ 3. Forced to buy foreign goods.
 - ☒ 4. Imprisonment without trial.

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

Q.13 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. 44
 - ☒ 2. 30
 - ☒ 3. 32
 - ☒ 4. 42

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

Q.14 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. Anjum Moudgil
 - ☒ 2. Apurvi Chandela
 - ☒ 3. Heena Sidhu
 - ☒ 4. Manu Bhaker

Question ID : 948911706
Option 1 ID : 9489112821
Option 2 ID : 9489112822
Option 3 ID : 9489112824
Option 4 ID : 9489112823

Status : Not Attempted and Marked For Review
Chosen Option : --

Q.15 Select the number from among the given options that will come next in the following series.

4, 16, 40, ?

- Ans
- ☒ 1. 88
 - ☒ 2. 98
 - ☒ 3. 68
 - ☒ 4. 48

Question ID : 9489111887
Option 1 ID : 9489117545
Option 2 ID : 9489117547
Option 3 ID : 9489117548
Option 4 ID : 9489117546

Status : Answered
Chosen Option : 1

Q.16 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. 1203059
 - ☒ 3. 1302059
 - ☒ 4. 1320059

Question ID : 948911654
Option 1 ID : 9489112614
Option 2 ID : 9489112613
Option 3 ID : 9489112616
Option 4 ID : 9489112615

Status : Answered
Chosen Option : 2

Q.17 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 m^2 . What is the area of the rectangle if its breadth is 20 m.

- Ans**
- ☒ 1. 840 m^2
 - ☐ 2. 860 m^2
 - ☐ 3. 480 m^2
 - ☐ 4. 880 m^2

Question ID : **948911665**
Option 1 ID : **9489112658**
Option 2 ID : **9489112659**
Option 3 ID : **9489112657**
Option 4 ID : **9489112660**
Status : **Answered**
Chosen Option : **1**

Q.18 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.19 If the length of side of a square is increased by 10%, what is the percentage increase in its area?

- Ans**
- ☐ 1. 10%
 - ☒ 2. 21%
 - ☐ 3. 20%
 - ☐ 4. 15%

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

Q.20 Which of the following has been written by Munshi Premchand?

- Ans
- ☒ 1. Chidambara
 - ☒ 2. Kamayani
 - ☒ 3. Sevasadan
 - ☒ 4. Yama

Question ID : 948911708
Option 1 ID : 9489112832
Option 2 ID : 9489112829
Option 3 ID : 9489112831
Option 4 ID : 9489112830
Status : Marked For Review
Chosen Option : 1

Q.21 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. Dryer
 - ☒ 3. Detergent
 - ☒ 4. Hanger

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

Q.22 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. 12
 - ☒ 3. 8
 - ☒ 4. 16

Question ID : 948911651
Option 1 ID : 9489112601
Option 2 ID : 9489112603
Option 3 ID : 9489112602
Option 4 ID : 9489112604
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.23 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.24 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.25 Nobel Laureate, Kailash Satyarthi is associated with which of the following organization?

- Ans**
- ☐ 1. Beti Bachao, Beti Padhao
 - ☐ 2. SOS village
 - ☐ 3. Child Relief and You
 - ☒ 4. Bachpan Bachao Andolan

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

Q.26 Name the recently added 17th zone of the Indian Railway.

- Ans
- ☐ 1. East Central Railway
 - ☐ 2. Delhi Metro
 - ☒ 3. Kolkata Metro
 - ☐ 4. Konkan Railway

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

Q.27 Which of the following is a cause for Migration of unskilled workers?

- Ans
- ☐ 1. Population
 - ☒ 2. Poverty
 - ☐ 3. Pollution
 - ☐ 4. Ambience

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

Q.28 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. 15 : 16
 - ☐ 3. 18 : 15
 - ☒ 4. 9 : 10

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

Q.29 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. $12\frac{1}{2}$ days
 - ☐ 2. 12 days
 - ☐ 3. $14\frac{1}{2}$ days
 - ☐ 4. 14 days

Question ID : 948911661
Option 1 ID : 9489112642
Option 2 ID : 9489112641
Option 3 ID : 9489112643
Option 4 ID : 9489112644
Status : Not Answered
Chosen Option : --

Q.30 What was India's Rank in Human Development Index, 2019?

- Ans
- ☐ 1. 147
 - ☐ 2. 139
 - ☐ 3. 152
 - ☒ 4. 129

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

Q.31 Name the youngest-ever UNICEF Goodwill Ambassador.

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

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

Q.32 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. PSD – KYU
 - ☐ 2. ZBN – EHU
 - ☒ 3. SJF – MPX
 - ☒ 4. NRB – IXS

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

Q.33 Which of the following Heritage sites has the Dravidian style of architecture?

- Ans**
- ☒ 1. Hampi
 - ☒ 2. Ellora
 - ☒ 3. Khajuraho
 - ☒ 4. Konark

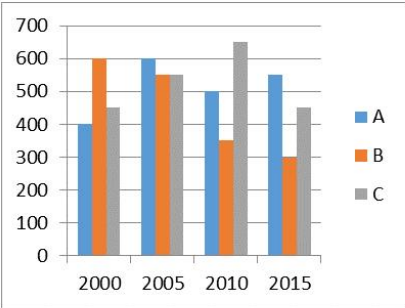
Question ID : 948911710
Option 1 ID : 9489112837
Option 2 ID : 9489112839
Option 3 ID : 9489112838
Option 4 ID : 9489112840
Status : **Answered**
Chosen Option : 1

Q.34 The smallest six-digit number which is completely divisible by 4, 8, 12 and 16 is:

- Ans**
- ☒ 1. 100032
 - ☒ 2. 100900
 - ☒ 3. 100800
 - ☒ 4. 100700

Question ID : 948911648
Option 1 ID : 9489112589
Option 2 ID : 9489112592
Option 3 ID : 9489112590
Option 4 ID : 9489112591
Status : **Not Attempted and Marked For Review**
Chosen Option : --

Q.35 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
 - ☒ 2. B
 - ☒ 3. A and C both
 - ☒ 4. C

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

Q.36 If $\sqrt{2116 \times \sqrt{48 \div x}} = 92$, find the value of x.

- Ans
- ☒ 1. 12
 - ☒ 2. 3
 - ☒ 3. 2
 - ☒ 4. 6

Question ID : 948911650
Option 1 ID : 9489112598
Option 2 ID : 9489112599
Option 3 ID : 9489112597
Option 4 ID : 9489112600
Status : Answered
Chosen Option : 2

Q.37 Which state in India has the biggest consumption of fertiliser(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

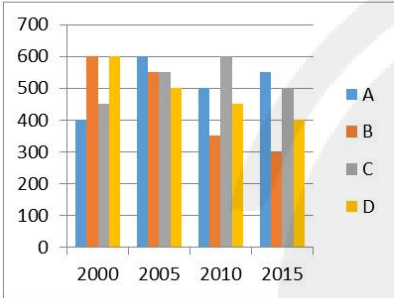
Option 3 ID : 9489112963

Option 4 ID : 9489112962

Status : Answered

Chosen Option : 4

Q.38 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. B
 - ☒ 2. A
 - ☒ 3. C
 - ☒ 4. D

Question ID : 9489111892

Option 1 ID : 9489117566

Option 2 ID : 9489117565

Option 3 ID : 9489117567

Option 4 ID : 9489117568

Status : Answered

Chosen Option : 2

Q.39 If $x^4 + x^{-4} = 1154$, then the value of $x + x^{-1}$ is:

- Ans
- ☒ 1. 5
 - ☒ 2. 12
 - ☒ 3. 6
 - ☒ 4. 8

Question ID : 948911666
Option 1 ID : 9489112662
Option 2 ID : 9489112664
Option 3 ID : 9489112661
Option 4 ID : 9489112663
Status : Answered
Chosen Option : 3

Q.40 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. Udham Singh
 - ☒ 3. Khudiram Bose
 - ☒ 4. Chandrashekhar Azad

Question ID : 948911721
Option 1 ID : 9489112881
Option 2 ID : 9489112882
Option 3 ID : 9489112883
Option 4 ID : 9489112884
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.41 In May 2019, the last captive White tiger of Mumbai died. What was the name of the tiger?

- Ans
- ☒ 1. Balaji
 - ☒ 2. Shivaji
 - ☒ 3. Vishwanath
 - ☒ 4. Bajirao

Question ID : 948911715
Option 1 ID : 9489112860
Option 2 ID : 9489112858
Option 3 ID : 9489112859
Option 4 ID : 9489112857
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.42 CSIR scientists have conducted a genetic study for the first time in India. Where has the study been conducted?

- Ans
- ☒ 1. Hyderabad
 - ☐ 2. Lakshwadeep
 - ☒ 3. Kochi
 - ☒ 4. Andaman

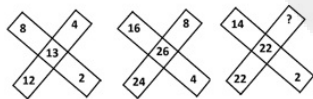
Question ID : 948911731
Option 1 ID : 9489112923
Option 2 ID : 9489112924
Option 3 ID : 9489112922
Option 4 ID : 9489112921
Status : Answered
Chosen Option : 1

Q.43 Which other movement was combined with the non-cooperation movement in 1920?

- Ans
- ☒ 1. Swadeshi Movement
 - ☐ 2. Khilafat Movement
 - ☒ 3. Home Rule Movement
 - ☒ 4. August Kranti

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

Q.44 Study the given pattern carefully and select the number that can replace the question mark (?) in it.



- Ans
- ☒ 1. 8
 - ☒ 2. 12
 - ☐ 3. 6
 - ☒ 4. 10

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

Q.45 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. 2620
 - ☒ 2. 2016
 - ☒ 3. 2026
 - ☒ 4. 2610

Question ID : 948911647

Option 1 ID : 9489112588

Option 2 ID : 9489112587

Option 3 ID : 9489112585

Option 4 ID : 9489112586

Status : Not Attempted and Marked For Review

Chosen Option : --

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. R. V Dhulekar
 - ☒ 2. Govind Ballabh Pant
 - ☒ 3. B. Pocker Bahadur
 - ☒ 4. Sardar Vallabhbhai Patel

Question ID : 948911727

Option 1 ID : 9489112908

Option 2 ID : 9489112906

Option 3 ID : 9489112907

Option 4 ID : 9489112905

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.47 Find the least number of five digits, which is exactly divisible by 472.

- Ans
- ☒ 1. 10284
 - ☒ 2. 10472
 - ☒ 3. 10184
 - ☒ 4. 10384

Question ID : 948911653

Option 1 ID : 9489112610

Option 2 ID : 9489112611

Option 3 ID : 9489112609

Option 4 ID : 9489112612

Status : Answered

Chosen Option : 4

Q.48 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. ₹60
 - ☒ 2. ₹45
 - ☒ 3. ₹40
 - ☒ 4. ₹50

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

Q.49 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. Sardar Vallabhbhai Patel
 - ☒ 2. Dr. BR Ambedkar
 - ☒ 3. C. Rajagopalachari
 - ☒ 4. Jawahar Lal Nehru

Question ID : 948911728
Option 1 ID : 9489112909
Option 2 ID : 9489112911
Option 3 ID : 9489112910
Option 4 ID : 9489112912
Status : Answered
Chosen Option : 1

Q.50 As per Public affair Index 2020 (PAI-2020), which of the following state emerged as the best governed state in the country?

- Ans**
- ☒ 1. Kerala
 - ☒ 2. Maharashtra
 - ☒ 3. Gujrat
 - ☒ 4. Punjab

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

Q.51 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. Anywhere in the row
 - ☒ 2. Extreme left
 - ☒ 3. Extreme right
 - ☒ 4. In the middle

Question ID : 948911729
Option 1 ID : 9489112913
Option 2 ID : 9489112916
Option 3 ID : 9489112915
Option 4 ID : 9489112914
Status : Not Answered
Chosen Option : --

Q.52 From an external point P, tangents PA and PB are drawn to a circle with centre O. If $\angle PAB = 55^\circ$, find $\angle AOB$.

- Ans
- ☒ 1. 110°
 - ☒ 2. 100°
 - ☒ 3. 35°
 - ☒ 4. 125°

Question ID : 948911668
Option 1 ID : 9489112669
Option 2 ID : 9489112670
Option 3 ID : 9489112671
Option 4 ID : 9489112672
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.53 The three laws of motion were proposed by:

- Ans
- ☒ 1. Galileo
 - ☒ 2. Aristotle
 - ☒ 3. Edison
 - ☒ 4. Newton

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

Q.54 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. 36 kg
 - ☒ 2. 28 kg
 - ☒ 3. 30 kg
 - ☒ 4. 34 kg

Question ID : 948911672
Option 1 ID : 9489112688
Option 2 ID : 9489112687
Option 3 ID : 9489112685
Option 4 ID : 9489112686
Status : Answered
Chosen Option : 2

Q.55 Name the first student satellite built by Indian high school student team and launched by NASA.

- Ans
- ☒ 1. Kalamsat
 - ☒ 2. SRMsat
 - ☒ 3. Anusat
 - ☒ 4. Pratham

Question ID : 948911732
Option 1 ID : 9489112926
Option 2 ID : 9489112928
Option 3 ID : 9489112925
Option 4 ID : 9489112927
Status : Not Answered
Chosen Option : --

Q.56 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. 83
 - ☒ 2. 73
 - ☒ 3. 63
 - ☒ 4. 93

Question ID : 948911649
Option 1 ID : 9489112594
Option 2 ID : 9489112595
Option 3 ID : 9489112596
Option 4 ID : 9489112593
Status : Answered
Chosen Option : 2

Q.57 Name the Kalvari class submarine launched in Mumbai in Nov 2020.

- Ans
- ☐ 1. INS Khanderi
 - ☒ 2. INS Vagir
 - ☐ 3. INS Arighat
 - ☐ 4. INS Karanj

Question ID : 948911707

Option 1 ID : 9489112827

Option 2 ID : 9489112825

Option 3 ID : 9489112828

Option 4 ID : 9489112826

Status : Not Answered

Chosen Option : --

Q.58 What is the full form of COBOL?

- Ans
- ☐ 1. Common Business Organised Language
 - ☐ 2. Computer Business Oriented Language
 - ☐ 3. Computer Basic Operation Language
 - ☒ 4. Common Business Oriented Language

Question ID : 948911737

Option 1 ID : 9489112945

Option 2 ID : 9489112946

Option 3 ID : 9489112947

Option 4 ID : 9489112948

Status : Answered

Chosen Option : 4

Q.59 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. 6
☐ 2. 4
☐ 3. 8
☐ 4. 10

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

Q.60 Simplify.

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

- Ans ☐ 1. 4
☒ 2. 1
☐ 3. 3
☐ 4. 5

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

Q.61 What is the code name of India's first successful Nuclear test?

- Ans
- ☒ 1. Laughing Buddha
 - ☒ 2. Operation Shakti
 - ☒ 3. Smiling Buddha
 - ☒ 4. Operation Vijay

Question ID : 948911730
Option 1 ID : 9489112920
Option 2 ID : 9489112917
Option 3 ID : 9489112918
Option 4 ID : 9489112919
Status : Answered
Chosen Option : 1

Q.62 Whom did Mahatma Gandhi consider his mentor in politics?

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

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

Q.63 Which is the longest railway line in the world?

- Ans
- ☒ 1. The Union- Pacific railway
 - ☒ 2. The Australian Trans-Continental Railway
 - ☒ 3. Trans-Canadian Railway
 - ☒ 4. Trans-Siberian Railway

Question ID : 948911725
Option 1 ID : 9489112899
Option 2 ID : 9489112900
Option 3 ID : 9489112898
Option 4 ID : 9489112897
Status : Answered
Chosen Option : 4

Q.64 Litmus solution is derived from _____

- Ans
- ☐ 1. Hydrangea
 - ☐ 2. Petunia
 - ☐ 3. Cabbage leaves
 - ☒ 4. Lichen

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

Q.65 The region where farmers specialise in vegetables only, this type of farming is known as :

- Ans
- ☐ 1. Cooperative farming
 - ☐ 2. Mixed farming
 - ☒ 3. Truck farming
 - ☐ 4. Collective farming

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

Q.66 Which of the following state has the highest wind energy production in India?

- Ans
- ☐ 1. Odisha
 - ☐ 2. Karnataka
 - ☐ 3. Maharashtra
 - ☒ 4. Tamil Nadu

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

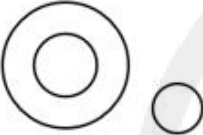
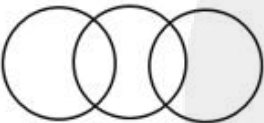
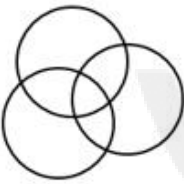
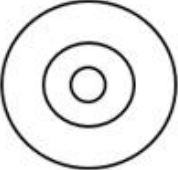
Q.67 Which city has bagged the second spot in the Swacch Sarvekshan award for 2020?

- Ans
- ☒ 1. Chandigarh
 - ☒ 2. Bhopal
 - ☒ 3. New Delhi
 - ☒ 4. Surat

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

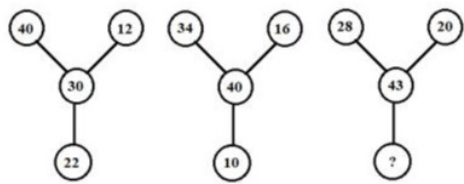
Q.68 Select the Venn diagram that best represents the relationship between the given set of classes.

Students, Interns and Research scholars

- Ans
- ☒ 1. 
 - ☒ 2. 
 - ☒ 3. 
 - ☒ 4. 

Question ID : 9489111896
Option 1 ID : 9489117584
Option 2 ID : 9489117583
Option 3 ID : 9489117581
Option 4 ID : 9489117582
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.69 Study the given pattern carefully and select the number that can replace the question mark (?) in it.



- Ans ☒ 1. 5
☒ 2. 11
☒ 3. 7
☒ 4. 9

Question ID : 9489111901

Option 1 ID : 9489117603

Option 2 ID : 9489117602

Option 3 ID : 9489117601

Option 4 ID : 9489117604

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.70 $3^{71} + 3^{72} + 3^{73} + 3^{74} + 3^{75}$ is divisible by:

- Ans ☒ 1. 8
☒ 2. 11
☒ 3. 7
☒ 4. 5

Question ID : 948911652

Option 1 ID : 9489112608

Option 2 ID : 9489112607

Option 3 ID : 9489112605

Option 4 ID : 9489112606

Status : Answered

Chosen Option : 2

Q.71 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. 84
☐ 3. 14
☐ 4. 64

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

Q.72 The full form of BHEL is _____

- Ans ☒ 1. Bharat Heavy Electricals Limited
☐ 2. Bharat Heavy Electronics Limited
☐ 3. Bureau of Heavy Electronics Limited
☐ 4. Bureau of Heavy Electricals Limited

Question ID : 948911739
Option 1 ID : 9489112953
Option 2 ID : 9489112954
Option 3 ID : 9489112955
Option 4 ID : 9489112956
Status : Answered
Chosen Option : 1

Q.73 Simplify.

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

- Ans
- ☒ 1. 130
 - ☐ 2. 142
 - ☐ 3. 150
 - ☐ 4. 136

Question ID : 948911644
Option 1 ID : 9489112573
Option 2 ID : 9489112576
Option 3 ID : 9489112574
Option 4 ID : 9489112575

Status : Answered
Chosen Option : 1

Q.74 The perimeter of a right triangle is 60 cm and its hypotenuse is 26 cm. Find the area of the triangle.

- Ans
- ☐ 1. 240 cm^2
 - ☐ 2. 180 cm^2
 - ☐ 3. 160 cm^2
 - ☒ 4. 120 cm^2

Question ID : 948911669
Option 1 ID : 9489112673
Option 2 ID : 9489112675
Option 3 ID : 9489112674
Option 4 ID : 9489112676

Status : Answered
Chosen Option : 4

Q.75 If $a^2 + b^2 = 82$ and $ab = 9$, find the value of $a^3 + b^3$.

- Ans
- ☐ 1. 720
 - ☐ 2. 830
 - ☒ 3. 730
 - ☐ 4. 750

Question ID : 948911667
Option 1 ID : 9489112665
Option 2 ID : 9489112668
Option 3 ID : 9489112667
Option 4 ID : 9489112666

Status : Answered
Chosen Option : 3

Q.76 Where was the first oil well discovered in Assam?

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

Question ID : 948911726
Option 1 ID : 9489112903
Option 2 ID : 9489112904
Option 3 ID : 9489112902
Option 4 ID : 9489112901
Status : Answered
Chosen Option : 1

Q.77 Select the pattern that will come next in the following series.

CKV, DLW, EMX, ?

- Ans
- ✓ 1. FNY
 - ✗ 2. FLP
 - ✗ 3. HNZ
 - ✗ 4. BOI

Question ID : 9489111877
Option 1 ID : 9489117507
Option 2 ID : 9489117506
Option 3 ID : 9489117508
Option 4 ID : 9489117505
Status : Answered
Chosen Option : 1

Q.78 Who is considered the father of computers?

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

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

Q.79 If A is equal to 1, M is equal to 13 and R is equal 18, how would you spell MISSION?

- Ans
- ☐ 1. 139191991314
 - ☐ 2. 149191991314
 - ☒ 3. 139191991514
 - ☐ 4. 129191991314

Question ID : 9489111879

Option 1 ID : 9489117516

Option 2 ID : 9489117515

Option 3 ID : 9489117513

Option 4 ID : 9489117514

Status : Answered

Chosen Option : 3

Q.80 What is the momentum of an object having mass of 14 kg and velocity 28 m/s?

- Ans
- ☐ 1. 1/392 kg-m/s
 - ☐ 2. 2 kg-m/s
 - ☐ 3. 0.5 kg-m/s
 - ☒ 4. 392 kg-m/s

Question ID : 948911712

Option 1 ID : 9489112848

Option 2 ID : 9489112847

Option 3 ID : 9489112845

Option 4 ID : 9489112846

Status : Marked For Review

Chosen Option : 4

Q.81 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. 6.5%
 - ☒ 3. 7.5%
 - ☐ 4. 8.5%

Question ID : 948911660

Option 1 ID : 9489112639

Option 2 ID : 9489112638

Option 3 ID : 9489112637

Option 4 ID : 9489112640

Status : Answered

Chosen Option : 3

Q.82 Simplify.

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

- Ans
- ☒ 1. 10
 - ☒ 2. 6
 - ☒ 3. 4
 - ☒ 4. 8

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

Q.83 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. FGSQ
 - ☒ 2. QWNT
 - ☒ 3. MIEB
 - ☒ 4. NGDE

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

Q.84 In a code language, if KARAN is written as 45, then how will ARUN be written as in that language?

- Ans
- ☒ 1. 56
 - ☒ 2. 54
 - ☒ 3. 41
 - ☒ 4. 42

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

Q.85 Which sector is the biggest emitter of greenhouse gases?

- Ans
- ☐ 1. Agriculture
 - ☐ 2. Waste
 - ☒ 3. Energy
 - ☐ 4. Land use change

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

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

2, 7, 14, 23, ?

- Ans
- ☐ 1. 33
 - ☒ 2. 34
 - ☐ 3. 30
 - ☐ 4. 13

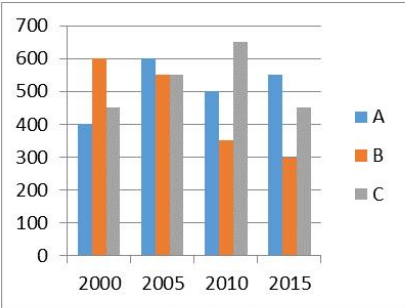
Question ID : 9489111876
Option 1 ID : 9489117501
Option 2 ID : 9489117502
Option 3 ID : 9489117504
Option 4 ID : 9489117503
Status : Answered
Chosen Option : 2

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. A and C both
 - ☒ 2. C
 - ☒ 3. B
 - ☒ 4. A

Question ID : 9489111891

Option 1 ID : 9489117564

Option 2 ID : 9489117563

Option 3 ID : 9489117562

Option 4 ID : 9489117561

Status : Answered

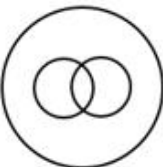
Chosen Option : 2

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

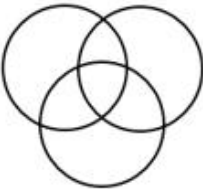
Short women, White-haired people, Indians

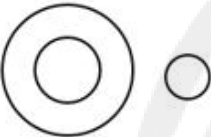
Ans

1.


2.


3.


4.



Question ID : 9489111898
Option 1 ID : 9489117592
Option 2 ID : 9489117591
Option 3 ID : 9489117589
Option 4 ID : 9489117590
Status : Answered
Chosen Option : 3

Q.90 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. Neither 1 nor 2 is strong.
 - ☒ 2. Both, 1 and 2 are strong.
 - ☒ 3. Only 1 is strong.
 - ☒ 4. Only 2 is strong.

Question ID : 9489111881
Option 1 ID : 9489117524
Option 2 ID : 9489117523
Option 3 ID : 9489117521
Option 4 ID : 9489117522
Status : Answered
Chosen Option : 3

Q.91 In a code language, if RAMAN is written as 47, then how will ARJUN be written as in that language?

- Ans**
- ☒ 1. 44
 - ☒ 2. 74
 - ☒ 3. 54
 - ☒ 4. 64

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

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 : 3

Q.93 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. 387536
 - ☒ 3. 387546
 - ☒ 4. 386546

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

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. 46234
 - ☒ 3. 46324
 - ☒ 4. 47234

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

Q.95 Select the number that will come next in the following series.

9, 81, 6561, ?

- Ans**
- ☒ 1. 43046621
 - ☒ 2. 43046221
 - ☒ 3. 43046721
 - ☒ 4. 42046721

Question ID : 9489111883
Option 1 ID : 9489117530
Option 2 ID : 9489117531
Option 3 ID : 9489117529
Option 4 ID : 9489117532
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.96 How many 3s are there in the given series that are followed by 9 and preceded by 8?

1839793997634983974583968300775368265969

- Ans
- ☒ 1. 1
 - ☒ 2. 3
 - ☒ 3. 4
 - ☒ 4. 5

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

Q.97 Select the number from among the given options that will come next in the following series.

3, 27, 243, ?

- Ans
- ☒ 1. 2900
 - ☒ 2. 2187
 - ☒ 3. 2493
 - ☒ 4. 2100

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

Q.98 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. South
 - ☒ 2. North-west
 - ☒ 3. East
 - ☒ 4. North-east

Question ID : 9489111890
Option 1 ID : 9489117559
Option 2 ID : 9489117558
Option 3 ID : 9489117557
Option 4 ID : 9489117560
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.99 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. Paper
 - ☒ 2. Nib
 - ☒ 3. Finger
 - ☒ 4. Holder

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

Q.100 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. South-east
 - ☒ 2. South
 - ☒ 3. North
 - ☒ 4. North-west

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