

## Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone IDZ Shirsoli Road
Exam Date	17/03/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CHSL Tier 1

Section : English Language (Basic Knowledge)

**Q.1** Select the most appropriate **ANTONYM** of the given word.

**EXTENSIVE**

- Ans
- ☒ 1. Elaborate
  - ☒ 2. Intricate
  - ☒ 3. Lengthy
  - ☒ 4. Intensive

Question ID : **8161611282**  
 Status : **Answered**  
 Chosen Option : **4**

**Q.2** Select the most appropriate synonym of the given word.

**TRUST (n)**

- Ans
- ☒ 1. Welfare
  - ☒ 2. Safety
  - ☒ 3. Belief
  - ☒ 4. Ability

Question ID : **8161611290**  
 Status : **Answered**  
 Chosen Option : **3**

**Q.3** Select the word with the incorrect spelling.

- Ans
- ☒ 1. Quantity
  - ☒ 2. Quarrell
  - ☒ 3. Argument
  - ☒ 4. Aisle

Question ID : **8161611286**  
 Status : **Answered**  
 Chosen Option : **2**

**Q.4** Select the most appropriate option to fill in the blank.

Several environmentalists from the city conducted a meet to discuss issues related to the \_\_\_\_\_ pollution levels created by the growing number of pharmaceutical companies.

- Ans  1. rise in
-  2. raising of
-  3. rising from
-  4. raise in

Question ID : 8161611293

Status : Answered

Chosen Option : 4

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

One of the most fascinating archaeological sites in Maharashtra, the Ellora Caves, date back (1)\_\_\_\_\_ about 1,500 years ago, and (2)\_\_\_\_\_ the epitome of Indian rock-cut architecture. (3)\_\_\_\_\_ 34 caves are actually Buddhist, Hindu and Jain religious monuments (4)\_\_\_\_\_ in the rock. They were given the (5)\_\_\_\_\_ of World Heritage Site in 1983. Created between the 6th and 10th century, the 12 Buddhist, 17 Hindu and 5 Jain caves carved in proximity at Ellora are proof of the religious harmony prevalent during this period of Indian history.

**SubQuestion No : 5**

**Q.5** Select the most appropriate option to fill in blank No.1.

- Ans  1. to
-  2. for
-  3. at
-  4. in

Question ID : 8161611273

Status : Answered

Chosen Option : 3

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

One of the most fascinating archaeological sites in Maharashtra, the Ellora Caves, date back (1)\_\_\_\_\_ about 1,500 years ago, and (2)\_\_\_\_\_ the epitome of Indian rock-cut architecture. (3)\_\_\_\_\_ 34 caves are actually Buddhist, Hindu and Jain religious monuments (4)\_\_\_\_\_ in the rock. They were given the (5)\_\_\_\_\_ of World Heritage Site in 1983.

Created between the 6th and 10th century, the 12 Buddhist, 17 Hindu and 5 Jain caves carved in proximity at Ellora are proof of the religious harmony prevalent during this period of Indian history.

**SubQuestion No : 6**

**Q.6** Select the most appropriate option to fill in blank No.2.

Ans ☒ 1. were

☒ 2. are

☒ 3. be

☒ 4. is

Question ID : 8161611274

Status : Answered

Chosen Option : 2

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

One of the most fascinating archaeological sites in Maharashtra, the Ellora Caves, date back (1)\_\_\_\_\_ about 1,500 years ago, and (2)\_\_\_\_\_ the epitome of Indian rock-cut architecture. (3)\_\_\_\_\_ 34 caves are actually Buddhist, Hindu and Jain religious monuments (4)\_\_\_\_\_ in the rock. They were given the (5)\_\_\_\_\_ of World Heritage Site in 1983.

Created between the 6th and 10th century, the 12 Buddhist, 17 Hindu and 5 Jain caves carved in proximity at Ellora are proof of the religious harmony prevalent during this period of Indian history.

**SubQuestion No : 7**

**Q.7** Select the most appropriate option to fill in blank No.3.

Ans ☒ 1. The

☒ 2. Many

☒ 3. An

☒ 4. Few

Question ID : 8161611275

Status : Answered

Chosen Option : 1

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

One of the most fascinating archaeological sites in Maharashtra, the Ellora Caves, date back (1)\_\_\_\_\_ about 1,500 years ago, and (2)\_\_\_\_\_ the epitome of Indian rock-cut architecture. (3)\_\_\_\_\_ 34 caves are actually Buddhist, Hindu and Jain religious monuments (4)\_\_\_\_\_ in the rock. They were given the (5)\_\_\_\_\_ of World Heritage Site in 1983. Created between the 6th and 10th century, the 12 Buddhist, 17 Hindu and 5 Jain caves carved in proximity at Ellora are proof of the religious harmony prevalent during this period of Indian history.

**SubQuestion No : 8**

**Q.8** Select the most appropriate option to fill in blank No.4.

- Ans ☒ 1. carved  
☒ 2. created  
☒ 3. constructed  
☒ 4. erected

Question ID : 8161611276

Status : Answered

Chosen Option : 1

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

One of the most fascinating archaeological sites in Maharashtra, the Ellora Caves, date back (1)\_\_\_\_\_ about 1,500 years ago, and (2)\_\_\_\_\_ the epitome of Indian rock-cut architecture. (3)\_\_\_\_\_ 34 caves are actually Buddhist, Hindu and Jain religious monuments (4)\_\_\_\_\_ in the rock. They were given the (5)\_\_\_\_\_ of World Heritage Site in 1983. Created between the 6th and 10th century, the 12 Buddhist, 17 Hindu and 5 Jain caves carved in proximity at Ellora are proof of the religious harmony prevalent during this period of Indian history.

**SubQuestion No : 9**

**Q.9** Select the most appropriate option to fill in blank No.5.

- Ans ☒ 1. role  
☒ 2. symbol  
☒ 3. status  
☒ 4. function

Question ID : 8161611277

Status : Answered

Chosen Option : 3

**Q.10** Select the word which means the same as the group of words given.

Close fitting cover for a sword or knife

- Ans ☒ 1. Guard  
☒ 2. Sheath  
☒ 3. Screen  
☒ 4. Shield

Question ID : 8161611288

Status : Answered

Chosen Option : 2

Q.11 Select the most appropriate meaning of the underlined idiom.

Hats off to someone

- Ans
- ☒ 1. Make new hats for
  - ☒ 2. Congratulations to
  - ☒ 3. Give hats to
  - ☒ 4. Announce a prize for

Question ID : 8161611284  
Status : Answered  
Chosen Option : 2

Q.12 Select the wrongly spelt word.

- Ans
- ☒ 1. Expedition
  - ☒ 2. Extempore
  - ☒ 3. Extinct
  - ☒ 4. Experiment

Question ID : 8161611287  
Status : Answered  
Chosen Option : 1

Q.13 Select the segment in the sentence, which contains the grammatical error.

They had to wait for the luggages to be put into the cab before they themselves got into it.

- Ans
- ☒ 1. They had to wait
  - ☒ 2. before they themselves got into it
  - ☒ 3. to be put into the cab
  - ☒ 4. for the luggages

Question ID : 8161611271  
Status : Answered  
Chosen Option : 4

Q.14 Select the alternative that will improve the underlined part of the sentence. In case there is no improvement select 'No improvement'.

I had no informations about the bank strike so I went there yesterday.

- Ans
- ☒ 1. no information about
  - ☒ 2. no informations concerning
  - ☒ 3. No improvement
  - ☒ 4. not got informations about

Question ID : 8161611280  
Status : Answered  
Chosen Option : 1

Q.15 Select the option that is the passive form of the sentence.

The sub-committee is presenting its report in a week's time.

- Ans
- ☒ 1. The report of the sub-committee is presenting in a week's time.
  - ☒ 2. The report of the sub-committee had been presented in a week's time.
  - ☒ 3. The report of the sub-committee is being presented in a week's time.
  - ☒ 4. The report of the sub-committee has been presented in a week's time.

Question ID : 8161611268  
Status : Answered  
Chosen Option : 3

Q.16 Select the segment in the sentence, which contains the grammatical error.

Did you know whether we can exchange the dress if my sister doesn't like it?

- Ans
- ☒ 1. doesn't like it
  - ☒ 2. we can exchange the dress
  - ☒ 3. Did you know whether
  - ☒ 4. if my sister

Question ID : 8161611270  
Status : Answered  
Chosen Option : 3

Q.17 Select the most appropriate meaning of the underlined idiom in the given sentence.

A lot of work has gone on behind the scenes for the special event which is being planned next week.

- Ans
- ☒ 1. In the theatre
  - ☒ 2. Unknown to everyone
  - ☒ 3. For spreading the news
  - ☒ 4. To complete the arrangements

Question ID : 8161611285  
Status : Answered  
Chosen Option : 2

Q.18 Select the alternative that will improve the underlined part of the sentence. In case there is no improvement select 'No improvement'.

Harry and Meghan have decided to work and become financially independent.

- Ans
- ☒ 1. No improvement
  - ☒ 2. have decide to work and become
  - ☒ 3. has decided to work and become
  - ☒ 4. have decided to work and became

Question ID : 8161611281  
Status : Answered  
Chosen Option : 1

Q.19 Select the most appropriate **ANTONYM** of the given word.

**ABBREVIATE**

- Ans ☒ 1. Challenge  
☒ 2. Dispute  
☒ 3. Expand  
☒ 4. Oppose

Question ID : 8161611283

Status : Answered

Chosen Option : 3

Q.20 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. "It is mine. I saw it first," claimed one cat.  
B. Suddenly they spotted a loaf of bread lying beneath a tree.  
C. Once upon a time, two cats were passing through a street.  
D. Both pounced upon it and caught the loaf at the same time.

- Ans ☒ 1. ADBC  
☒ 2. BADC  
☒ 3. DBCA  
☒ 4. CBDA

Question ID : 8161611278

Status : Answered

Chosen Option : 4

Q.21 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. Ibn Al-Haitham wrote a book in seven volumes namely 'Kitāb al-Manāẓir' also known as 'The Book of Optics.'  
B. However, during the medieval period, the notable work of an Arab writer and scientist, Ibn Al-Haitham revolutionised the concept of physics.  
C. During the ancient period, the development of Physics took place simultaneously with the development of astronomy.  
D. In this book, Ibn Al-Haitham disproved the ancient Greek concept of vision and introduced a new theory.

- Ans ☒ 1. CBAD  
☒ 2. BCDA  
☒ 3. ADBC  
☒ 4. ACBD

Question ID : 8161611279

Status : Answered

Chosen Option : 1

**Q.22** Select the most appropriate synonym of the given word.

**ALLURING**

- Ans ☒ 1. Attractive  
☐ 2. Cheating  
☐ 3. Deceitful  
☐ 4. Distracting

Question ID : 8161611291  
Status : Answered  
Chosen Option : 1

**Q.23** Select the most appropriate option to fill in the blank.

Astronomy enthusiasts and sky gazers will be able to watch six eclipses in 2020, but only three of them are expected to be \_\_\_\_\_ in India.

- Ans ☐ 1. evident  
☐ 2. exposed  
☐ 3. revealed  
☒ 4. visible

Question ID : 8161611292  
Status : Answered  
Chosen Option : 4

**Q.24** Select the option that is the direct form of the sentence.

The doctor advised Jaya to put the eye drops into her eyes four times a day from the next day.

- Ans ☐ 1. The doctor advised Jaya, "From tomorrow put the eye drops into her eyes four times a day."  
☐ 2. The doctor advises Jaya, "From the next day put the eye drops into your eyes four times a day."  
☒ 3. The doctor advised Jaya, "From tomorrow put the eye drops into your eyes four times a day."  
☐ 4. The doctor had advised Jaya, "From the next day you put the eye drops into your eyes four times a day."

Question ID : 8161611269  
Status : Answered  
Chosen Option : 3

**Q.25** Select the word which means the same as the group of words given.

A large natural or artificial lake used as a source of water supply

- Ans ☐ 1. Pond  
☐ 2. Creek  
☒ 3. Reservoir  
☐ 4. Pool

Question ID : 8161611289  
Status : Answered  
Chosen Option : 1



## Section : General Intelligence

**Q.1** Select the option that is related to the third word in the same way as the second word is related to the first word.

Farmer : Field :: Artist : ?

- Ans**
- ☒ 1. Theatre
  - ☐ 2. Hero
  - ☐ 3. Actor
  - ☐ 4. Action

Question ID : 8161611308

Status : Answered

Chosen Option : 1

**Q.2** 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:

All woods are roots.

All fruits are roots.

No woods are a fruit.

Conclusion:

(I) Some roots are fruits.

(II) All roots are woods.

- Ans**
- ☐ 1. Only conclusion II follows.
  - ☐ 2. Neither conclusion I nor conclusion II follows
  - ☒ 3. Only conclusion I follows.
  - ☐ 4. Both conclusion I and II follows

Question ID : 8161611311

Status : Answered

Chosen Option : 3

**Q.3** Of the four given equations, the first three are solved on the basis of a certain system. Find the correct answer for the unsolved fourth equation on the same basis.

$$6 * 5 = 91$$

$$8 * 7 = 169$$

$$10 * 7 = 211$$

$$22 * 5 = ?$$

- Ans**
- ☐ 1. 993
  - ☒ 2. 331
  - ☐ 3. 845
  - ☐ 4. 678

Question ID : 8161611294

Status : Not Answered

Chosen Option : --

Q.4 Select the number that can replace the question mark (?) in the following pattern.

10	17	8
5	3	15
6	14	?
42	68	92

- Ans ☒ 1. 23  
☐ 2. 25  
☐ 3. 46  
☐ 4. 10

Question ID : 8161611297  
Status : Answered  
Chosen Option : 1

Q.5 Select the letter that can replace the question mark (?) in the following series.

A, C, E, D, C, E, G, F, ?

- Ans ☒ 1. E  
☐ 2. D  
☐ 3. H  
☐ 4. C

Question ID : 8161611306  
Status : Answered  
Chosen Option : 1

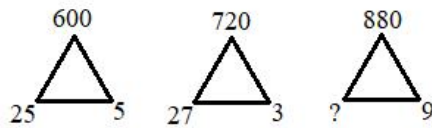
Q.6 Select the option that does NOT belong to the given series:

EC, H, HF, N, KI, U

- Ans ☐ 1. HF  
☐ 2. EC  
☐ 3. N  
☒ 4. U

Question ID : 8161611309  
Status : Answered  
Chosen Option : 4

Q.7 Select the number that can replace the question mark (?) in the following pattern.



- Ans
- ☒ 1. 23
  - ☒ 2. 21
  - ☒ 3. 31
  - ☒ 4. 17

Question ID : 8161611298  
Status : Answered  
Chosen Option : 3

Q.8 In a certain code language, RUMMY is written as QVLNX. How is CHESS written in that code?

- Ans
- ☒ 1. BIFRT
  - ☒ 2. BGDTR
  - ☒ 3. BGFTTR
  - ☒ 4. BIDTR

Question ID : 8161611302  
Status : Answered  
Chosen Option : 4

Q.9 Choose the correct cluster of letters to complete the given series.

\_bac\_acb\_\_ba

- Ans
- ☒ 1. c, a, b, b, c
  - ☒ 2. a, b, b, a, c
  - ☒ 3. a, c, c, b, b
  - ☒ 4. c, b, b, a, c

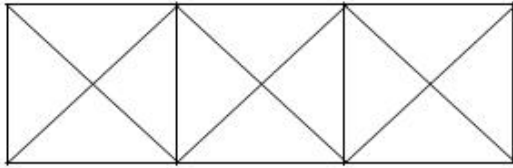
Question ID : 8161611304  
Status : Answered  
Chosen Option : 4

Q.10 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans
- ☒ 1. Chirp
  - ☒ 2. Caw
  - ☒ 3. Foal
  - ☒ 4. Howl

Question ID : 8161611310  
Status : Answered  
Chosen Option : 4

Q.11 Find the number of triangles in the given figure.



- Ans
- ☒ 1. 18
  - ☒ 2. 46
  - ☒ 3. 24
  - ☒ 4. 28

Question ID : 8161611314  
Status : Answered  
Chosen Option : 4

Q.12 Select the option that is related to the third number in the same way as the second number is related to the first number.

27 : 125 :: 343 : ?

- Ans
- ☒ 1. 1000
  - ☒ 2. 1343
  - ☒ 3. 729
  - ☒ 4. 512

Question ID : 8161611296  
Status : Answered  
Chosen Option : 3

Q.13 Select the option that is related to the third term in the same way as the second term is related to the first term.

CAG : GEK :: HEL : ?

- Ans
- ☒ 1. LIP
  - ☒ 2. LEP
  - ☒ 3. GAC
  - ☒ 4. INP

Question ID : 8161611305  
Status : Answered  
Chosen Option : 1

Q.14 Four numbers have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- Ans
- ☒ 1. 144
  - ☒ 2. 256
  - ☒ 3. 676
  - ☒ 4. 81

Question ID : 8161611300  
Status : Answered  
Chosen Option : 4

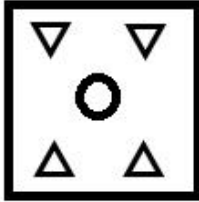
**Q.15** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

Question figure:

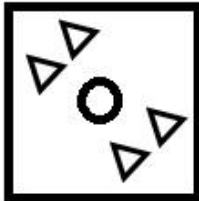


Ans

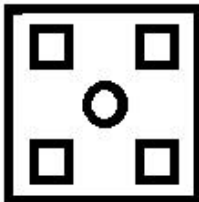
✗ 1.



✗ 2.



✓ 3.



✗ 4.



Question ID : 8161611316

Status : Answered

Chosen Option : 3

**Q.16** If 683 is coded as FOX, 654 is FIN, 4581 is NIOC, then what will be the code of 654513?

Ans ✗ 1. FIXICN

✗ 2. FNINXC

✓ 3. FINICX

✗ 4. FINNCX

Question ID : 8161611303

Status : Answered

Chosen Option : 3

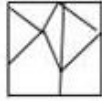
**Q.17** Select the option in which the given figure is embedded. (Rotation is not allowed)

Question figure:



Ans

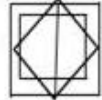
☒ 1.



☒ 2.



☒ 3.



☒ 4.

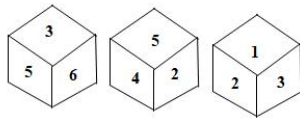


Question ID : 8161611315

Status : Answered

Chosen Option : 4

**Q.18** Three different positions of the same dice are shown. Select the number that will be on the face opposite to the one having 5.



Ans

☒ 1. 1

☒ 2. 4

☒ 3. 6

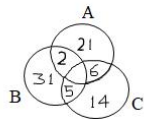
☒ 4. 3

Question ID : 8161611312

Status : Answered

Chosen Option : 1

**Q.19** In the given Venn diagram, A denotes mangoes, B denotes bananas, C denotes apples, and the numbers in each section represent the number of persons who like those fruits. How many persons like only bananas?



- Ans
- ☒ 1. 38
  - ☒ 2. 7
  - ☒ 3. 31
  - ☒ 4. 33

Question ID : 8161611318

Status : Answered

Chosen Option : 3

**Q.20** Select the number that can replace the question mark (?) in the following series.

213, 217, 233, 269, ?

- Ans
- ☒ 1. 296
  - ☒ 2. 333
  - ☒ 3. 428
  - ☒ 4. 312

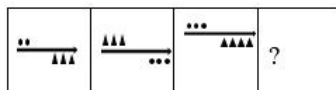
Question ID : 8161611301

Status : Answered

Chosen Option : 2

**Q.21** Select the figure that can replace the question mark (?) in the following figure series.

Question figure:



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 8161611313

Status : Answered

Chosen Option : 2



**Q.22** If '#' means '-', '&' means '+', '@' means '×' and '+' means '+', then  $15 @ 2 \div 900 \& 30 \# 10 = ?$

- Ans**
- ☒ 1. 21
  - ☒ 2. 310
  - ☒ 3. 50
  - ☒ 4. 600

Question ID : 8161611295

Status : Answered

Chosen Option : 3

**Q.23** Select the number that can replace the question mark (?) in the following series.

126, 217, 344, ?

- Ans**
- ☒ 1. 513
  - ☒ 2. 521
  - ☒ 3. 729
  - ☒ 4. 512

Question ID : 8161611299

Status : Not Answered

Chosen Option : --

**Q.24** P is the brother of Q. R is the daughter of Q. S is the sister of P. Q is sister of S. T is the brother of R. Who is the uncle of T?

- Ans**
- ☒ 1. P
  - ☒ 2. Q
  - ☒ 3. C
  - ☒ 4. S

Question ID : 8161611307

Status : Answered

Chosen Option : 1



**Q.25** Select the correct mirror image of the given figure when a mirror is placed on the line PQ.

Question figure:



Ans

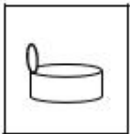
☒ 1.



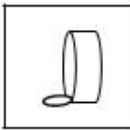
☒ 2.



☒ 3.



☒ 4.



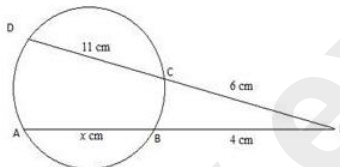
Question ID : 8161611317

Status : Answered

Chosen Option : 4

Section : Quantitative Aptitude(Basic Arithmetic Skill)

**Q.1** In the given figure, chords AB and CD are intersecting each other at point L. Find the length of AB.



☒ 1. 23.5 cm

☒ 2. 21.5 cm

☒ 3. 22.5 cm

☒ 4. 24.5 cm

Question ID : 8161611329

Status : Answered

Chosen Option : 2

**Q.2** A dealer marks his goods at 30% above the cost price. Then he allows 35% discount on it. What would be his loss percentage?

- Ans ☒ 1. 15.5%  
☐ 2. 16.5%  
☐ 3. 17.5%  
☐ 4. 18.5%

Question ID : 8161611323  
Status : Answered  
Chosen Option : 1

**Q.3** The difference between two numbers is 43 and their product is 50. Find the sum of their squares.

- Ans ☐ 1. 1947  
☒ 2. 1949  
☐ 3. 1946  
☐ 4. 1948

Question ID : 8161611332  
Status : Answered  
Chosen Option : 2

**Q.4** The perimeter of a rectangle is 50 cm. Its area and length are in the ratio of 5 : 1. Find the length of the rectangle.

- Ans ☐ 1. 22 cm  
☐ 2. 18 cm  
☒ 3. 20 cm  
☐ 4. 15 cm

Question ID : 8161611321  
Status : Answered  
Chosen Option : 3

**Q.5** Two sides of a triangle are of length 3 cm and 8 cm. If the length of the third side is 'x' cm, then:

- Ans ☐ 1.  $x > 11$   
☐ 2.  $0 < x < 11$   
☐ 3.  $5 < x$   
☒ 4.  $5 < x < 11$

Question ID : 8161611330  
Status : Answered  
Chosen Option : 4

Q.6 What will come at place of  $x$ , ( $x < 10$ ) for  $\frac{(132 + 12 \times x - 3 \times 3)}{(5^2 - 6 \times 4 + x^2)} = 1$  ?

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

Question ID : 8161611336  
Status : Answered  
Chosen Option : 2

Q.7 If  $x + y = 4$ ,  $xy = 2$ ,  $y + z = 5$ ,  $yz = 3$ ,  $z + x = 6$  and  $zx = 4$ , then find the value of  $x^3 + y^3 + z^3 - 3xy$ .

- Ans
- ☐ 1. 151.75
  - ☐ 2. 152.75
  - ☒ 3. 153.75
  - ☐ 4. 150.75

Question ID : 8161611334  
Status : Answered  
Chosen Option : 4

Q.8 How much should be added to each term of  $4 : 7$  so that it becomes  $2 : 3$ ?

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

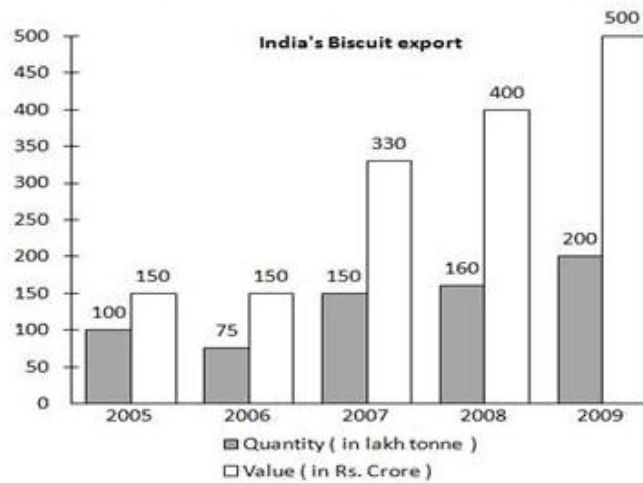
Question ID : 8161611326  
Status : Answered  
Chosen Option : 1

Q.9 If M is the mid-point of the side BC of  $\triangle ABC$ , and the area of  $\triangle ABM$  is  $18 \text{ cm}^2$ , then the area of  $\triangle ABC$  is:

- Ans
- ☒ 1.  $36 \text{ cm}^2$
  - ☐ 2.  $34 \text{ cm}^2$
  - ☐ 3.  $30 \text{ cm}^2$
  - ☐ 4.  $32 \text{ cm}^2$

Question ID : 8161611331  
Status : Answered  
Chosen Option : 1

Q.10 Study the following graph and answer the question.



In which year was the value per tonne the minimum?

- Ans
- ☒ 1. 2009
  - ☒ 2. 2007
  - ☒ 3. 2005
  - ☒ 4. 2006

Question ID : 8161611343

Status : Answered

Chosen Option : 3

Q.11 X and Y together can finish a piece of work in 15 days, while Y alone can finish it in 40 days. X alone can finish the work in:

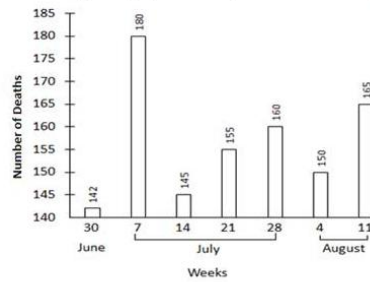
- Ans
- ☒ 1. 24 days
  - ☒ 2. 26 days
  - ☒ 3. 25 days
  - ☒ 4. 23 days

Question ID : 8161611319

Status : Answered

Chosen Option : 1

**Q.12** The following bar graph shows the number of deaths from road accidents occurred during the rainy season in the year 1992. Study the graph carefully and answer the question.



Between which two consecutive weeks was the rise in the number of deaths the greatest?

- Ans**
- ☒ 1. 4 August to 11 August
  - ☒ 2. 30 June to 7 July
  - ☐ 3. 14 July to 21 July
  - ☐ 4. 21 July to 28 July

Question ID : 8161611342

Status : Answered

Chosen Option : 2

**Q.13** Find the value of  $\frac{\cos 30^\circ - \sin 30^\circ}{\sin 60^\circ + \cos 60^\circ}$ .

- Ans**
- ☒ 1.  $2 - \sqrt{3}$
  - ☐ 2.  $2 + \sqrt{3}$
  - ☐ 3.  $1 - \sqrt{3}$
  - ☐ 4.  $1 + \sqrt{3}$

Question ID : 8161611337

Status : Answered

Chosen Option : 1

**Q.14** Sachin's income is 25% more than Dileep's income. By how much percentage is Dileep's income less than Sachin's income?

- Ans**
- ☐ 1. 15%
  - ☒ 2. 20%
  - ☐ 3. 18%
  - ☐ 4. 22%

Question ID : 8161611324

Status : Answered

Chosen Option : 2

Q.15 Sohan sold a plot for ₹2,55,000 at a 15% loss. At what price should he sell the plot to gain a 10% profit?

- Ans
- ☒ 1. ₹3,00,000
  - ☒ 2. ₹3,33,000
  - ☒ 3. ₹3,30,000
  - ☒ 4. ₹3,33,300

Question ID : 8161611325

Status : Answered

Chosen Option : 3

Q.16 A batsman in his 11<sup>th</sup> inning makes a score of 77 runs, thereby increasing his average scores by 3. What is his average score after the 11<sup>th</sup> inning?

- Ans
- ☒ 1. 46
  - ☒ 2. 47
  - ☒ 3. 48
  - ☒ 4. 49

Question ID : 8161611322

Status : Answered

Chosen Option : 2

Q.17 If  $\operatorname{cosec}\theta + \cot\theta = 2$ , then  $\sin\theta$  is:

- Ans
- ☒ 1.  $\frac{4}{5}$
  - ☒ 2.  $\frac{2}{5}$
  - ☒ 3.  $\frac{3}{5}$
  - ☒ 4.  $\frac{3}{4}$

Question ID : 8161611338

Status : Answered

Chosen Option : 1

Q.18 If  $a^3 + b^3 = 20$  and  $a + b = 5$ , then find the value of  $a^4 + b^4$ .

- Ans
- ☒ 1. 26
  - ☒ 2. 23
  - ☒ 3. 25
  - ☒ 4. 24

Question ID : 8161611333

Status : Answered

Chosen Option : 3

Q.19 If  $\sec^2 x - 3\sec x + 2 = 0$ , then the value of  $x$  ( $0 < x < 90^\circ$ ) is:

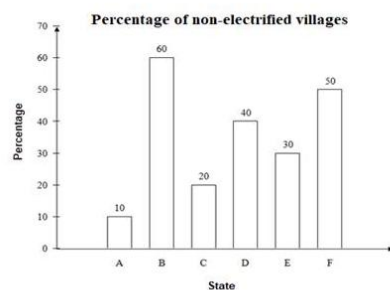
- Ans
- ☐ 1.  $30^\circ$
  - ☐ 2.  $15^\circ$
  - ☒ 3.  $60^\circ$
  - ☐ 4.  $45^\circ$

Question ID : 8161611339

Status : Answered

Chosen Option : 3

Q.20 The given bar graph represents the Percentage of non-electrified villages in 6 states A, B, C, D, E and F. Study the graph and answer the question that follows.



How many states have at most 30% or less non-electrified villages?

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

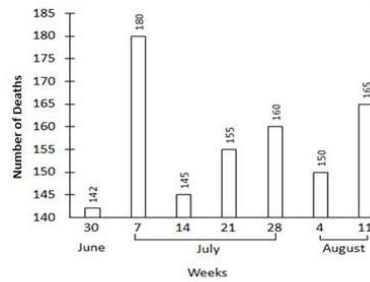
Question ID : 8161611340

Status : Answered

Chosen Option : 1



**Q.21** The following bar graph shows the number of deaths from road accidents occurred during the rainy season in the year 1992. Study the graph carefully and answer the question.



Between which two consecutive weeks was the fall in the number of deaths the greatest?

- Ans** ☒ 1. 7 July to 14 July  
☒ 2. 21 July to 28 July  
☒ 3. 30 June to 7 July  
☒ 4. 28 July to 4 August

Question ID : 8161611341

Status : Answered

Chosen Option : 1

**Q.22** A 5 cm long perpendicular is drawn from the centre of a circle to a 24 cm long chord. Find the diameter of the circle.

- Ans** ☒ 1. 26 cm  
☒ 2. 32 cm  
☒ 3. 13 cm  
☒ 4. 30 cm

Question ID : 8161611328

Status : Answered

Chosen Option : 1

**Q.23** Which of the following numbers will completely divide  $7^{81} + 7^{82} + 7^{83}$ ?

- Ans** ☒ 1. 389  
☒ 2. 399  
☒ 3. 387  
☒ 4. 397

Question ID : 8161611335

Status : Answered

Chosen Option : 2



**Q.24** The difference of simple interest on a sum of money for 8 years and 10 years is ₹200. If the rate of interest is 10 % p.a, then what is the sum of money?

- Ans**
- ☒ 1. ₹1,600
  - ☒ 2. ₹1,000
  - ☒ 3. ₹1,200
  - ☒ 4. ₹1,400

Question ID : 8161611327  
Status : Answered  
Chosen Option : 2

**Q.25** A man walks from point X to Y at a speed of 20 km/h, but comes back from point Y to X at a speed of 25 km/h. Find his average speed.

- Ans**
- ☒ 1.  $22\frac{2}{9}$  km/h
  - ☒ 2.  $24\frac{2}{9}$  km/h
  - ☒ 3.  $23\frac{2}{9}$  km/h
  - ☒ 4.  $25\frac{2}{9}$  km/h

Question ID : 8161611320  
Status : Answered  
Chosen Option : 1

Section : General Awareness

**Q.1** Which of the following states is included in the sixth schedule of the Constitution of India?

- Ans**
- ☒ 1. Mizoram
  - ☒ 2. Nagaland
  - ☒ 3. Arunachal Pradesh
  - ☒ 4. Manipur

Question ID : 8161611365  
Status : Answered  
Chosen Option : 1

**Q.2** Who among the following received the Padma Bhushan in 2019?

- Ans**
- ☒ 1. Sunil Chhetri
  - ☒ 2. Mohanlal Viswanathan
  - ☒ 3. Virat Kohli
  - ☒ 4. Bhupen Hazarika

Question ID : 8161611363  
Status : Answered  
Chosen Option : 1

Q.3 When is 'International Ozone Day' celebrated?

- Ans ☒ 1. 16 September  
☐ 2. 31 October  
☐ 3. 9 August  
☐ 4. 2 October

Question ID : 8161611349  
Status : Answered  
Chosen Option : 1

Q.4 As of January 2020, who held the national record in both, 800 m and 1500 m sprint events?

- Ans ☐ 1. Muhammad Anas  
☒ 2. Jinson Johnson  
☐ 3. Avinash Sable  
☐ 4. Ayyasamy Dharun

Question ID : 8161611367  
Status : Answered  
Chosen Option : 2

Q.5 In which city is Indian Railway-Rail Coach Factory located?

- Ans ☐ 1. Bengaluru  
☒ 2. Kapurthala  
☐ 3. Chennai  
☐ 4. Chittaranjan

Question ID : 8161611359  
Status : Answered  
Chosen Option : 2

Q.6 River Sharavati plunges as which of the following waterfalls?

- Ans ☐ 1. Hogenakkal  
☒ 2. Gerusoppe  
☐ 3. Soochipara  
☐ 4. Athirapally

Question ID : 8161611358  
Status : Not Answered  
Chosen Option : --

Q.7 Which is the largest river island in the world?

- Ans ☒ 1. Srirangam Island  
☒ 2. Majuli Island  
☒ 3. Bhavani Island  
☒ 4. Agatti Island

Question ID : 8161611356  
Status : Answered  
Chosen Option : 2

Q.8 As of January 2020, who was the president of the BCCI?

- Ans ☒ 1. Sourav Ganguly  
☒ 2. Harsha Bogle  
☒ 3. Ravi Shastri  
☒ 4. Sunil Gavaskar

Question ID : 8161611348  
Status : Answered  
Chosen Option : 1

Q.9 Sachin Tendulkar scored his first ODI century in his \_\_\_\_ match.

- Ans ☒ 1. 79th  
☒ 2. 77th  
☒ 3. 76th  
☒ 4. 78th

Question ID : 8161611366  
Status : Answered  
Chosen Option : 3

Q.10 Which of the following is a water soluble vitamin?

- Ans ☒ 1. Vitamin D  
☒ 2. Vitamin A  
☒ 3. Vitamin C  
☒ 4. Vitamin K

Question ID : 8161611355  
Status : Answered  
Chosen Option : 3

Q.11 What was the weight of the Chandrayaan-2 spacecraft launched in July 2019?

- Ans
- ☐ 1. 2.9 tonne
  - ☐ 2. 4.3 tonne
  - ☐ 3. 3.3 tonne
  - ☒ 4. 3.8 tonne

Question ID : 8161611350  
Status : Answered  
Chosen Option : 4

Q.12 As of January 2020, who held the title of India's youngest chess grandmaster?

- Ans
- ☐ 1. Rameshbabu Praggnanandhaa
  - ☐ 2. Viswanathan Anand
  - ☐ 3. Parimarjan Negi
  - ☒ 4. D Gukesh

Question ID : 8161611368  
Status : Answered  
Chosen Option : 4

Q.13 As of Feb 2020, how many members represent the state of Uttar Pradesh in Lok Sabha?

- Ans
- ☐ 1. 48
  - ☐ 2. 39
  - ☒ 3. 80
  - ☐ 4. 62

Question ID : 8161611364  
Status : Answered  
Chosen Option : 4

Q.14 Which of the following is a pension scheme introduced by the Government of India exclusively for senior citizens in May 2017?

- Ans
- ☐ 1. PMGAY
  - ☒ 2. PMVY
  - ☐ 3. PMGSY
  - ☐ 4. PMMVY

Question ID : 8161611352  
Status : Answered  
Chosen Option : 2

Q.15 'Nibble' in computer terminology is also called \_\_\_\_\_.

- Ans
- ☒ 1. Half bit
  - ☒ 2. Byte
  - ☒ 3. Bit
  - ☒ 4. Half byte

Question ID : 8161611345  
Status : Answered  
Chosen Option : 1

Q.16 Where is the tomb of Sher Shah Suri located?

- Ans
- ☒ 1. Chausa
  - ☒ 2. Sasaram
  - ☒ 3. Delhi
  - ☒ 4. Rohtasgarh

Question ID : 8161611360  
Status : Answered  
Chosen Option : 2

Q.17 Who is the author of the book 'Kerala: God's Own Country'?

- Ans
- ☒ 1. Shashi Tharoor
  - ☒ 2. Jeet Thayil
  - ☒ 3. Sudha Murthy
  - ☒ 4. Thakazhi Sivasankara Pillai

Question ID : 8161611362  
Status : Answered  
Chosen Option : 4

Q.18 Which of the following is an example of a Chola empire temple?

- Ans
- ☒ 1. Chennakesava temple
  - ☒ 2. Airavateswara temple
  - ☒ 3. Virupaksha temple
  - ☒ 4. Badami cave temple

Question ID : 8161611346  
Status : Answered  
Chosen Option : 4

Q.19 Flagella are the hair-like structures which act as organelles of locomotion in which of the following organisms?

- Ans
- ☐ 1. Virus
  - ☐ 2. Paramecium
  - ☒ 3. Bacteria
  - ☐ 4. Amoeba

Question ID : 8161611354

Status : Answered

Chosen Option : 2

Q.20 Mekhela Chador' is a traditional dress from the state of:

- Ans
- ☐ 1. Odisha
  - ☐ 2. West Bengal
  - ☒ 3. Assam
  - ☐ 4. Tripura

Question ID : 8161611347

Status : Answered

Chosen Option : 1

Q.21 \_\_\_\_\_ is the tube that carries urine from the kidney to the urinary bladder.

- Ans
- ☐ 1. Sphincter
  - ☐ 2. Urethra
  - ☒ 3. Ureter
  - ☐ 4. Aorta

Question ID : 8161611353

Status : Answered

Chosen Option : 3

Q.22 Who among the following is the co-founder of Twitter?

- Ans
- ☐ 1. Bill Gates
  - ☐ 2. Narayan Murthy
  - ☒ 3. Jack Dorsey
  - ☐ 4. Tim Berners-Lee

Question ID : 8161611344

Status : Answered

Chosen Option : 3

Q.23 As of January 2020, who is the managing director of YES Bank?

- Ans ☒ 1. Ravneet Gill  
☐ 2. Aditya Puri  
☐ 3. Arundhati Bhattacharya  
☐ 4. Amitabh Chaudhry

Question ID : 8161611351  
Status : Answered  
Chosen Option : 4

Q.24 In which year was UNICEF founded?

- Ans ☐ 1. 1949  
☐ 2. 1948  
☐ 3. 1945  
☒ 4. 1946

Question ID : 8161611361  
Status : Answered  
Chosen Option : 2

Q.25 Laterite soil is rich in:

- Ans ☐ 1. Phosphorus  
☐ 2. Calcium carbonate  
☐ 3. Potassium  
☒ 4. Iron oxide

Question ID : 8161611357  
Status : Answered  
Chosen Option : 1