

Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone
Exam Date	14/10/2020
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL Tier 1

Section : English Language (Basic Knowledge)

Q.1 Select the correct direct form of the given sentence.

Balaji said that he had already paid the instalment when the notice came to him.

- Ans
- 1. Balaji said, "He has already paid the instalment when the notice came to him."
 - 2. Balaji said, "I had already paid the instalment when the notice came to me."
 - 3. Balaji said, "I already paid the instalment when the notice had come to me."
 - 4. Balaji said, "I have already paid the instalment when the notice will come to me."

Question ID : 8161612738
Status : Answered
Chosen Option : 2

Q.2 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. One of them said "Let us use our combined knowledge to bring this animal to life."
- B. On the way, the three friends passed through a forest.
- C. Seeing the bones, the friends thought of testing their knowledge and skills.
- D. Under a tree in the forest, they saw the bones of an animal.

- Ans
- 1. BDCA
 - 2. ADCB
 - 3. CABD
 - 4. BCAD

Question ID : 8161612747
Status : Answered
Chosen Option : 1

Q.3 Identify the segment in the given sentence, which contains the grammatical error.

Did you tell to your mother that you saw her friend at the theater?

- Ans
- 1. at the theater
 - 2. your mother that
 - 3. you saw her friend
 - 4. Did you tell to

Question ID : 8161612740
Status : Answered
Chosen Option : 4

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Q.4 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

There are too less space for Naveen to park his car in front of the shop.

- Ans
- 1. were too little space
 - 2. No improvement
 - 3. was so few space
 - 4. was too little space

Question ID : 8161612750

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.

'Staged tourism' whether it is of the tiger or the snow leopard kind, is driven by the desire of visitors to see specific animals. This often (1)_____ pressure on a certain area, with hordes (2)_____ tourists rushing to a spot. In (3)_____ case of tigers, it is quite possible (4)_____ the animal is stressed by the (5)_____ caused by a bunch of excited tourists.

SubQuestion No : 5

Q.5 Select the most appropriate option to fill in blank number 1.

- Ans
- 1. does
 - 2. puts
 - 3. gives
 - 4. makes

Question ID : 8161612742

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.

'Staged tourism' whether it is of the tiger or the snow leopard kind, is driven by the desire of visitors to see specific animals. This often (1)_____ pressure on a certain area, with hordes (2)_____ tourists rushing to a spot. In (3)_____ case of tigers, it is quite possible (4)_____ the animal is stressed by the (5)_____ caused by a bunch of excited tourists.

SubQuestion No : 6

Q.6 Select the most appropriate option to fill in blank number 2.

- Ans
- 1. of
 - 2. from
 - 3. by
 - 4. with

Question ID : 8161612743

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.

'Staged tourism' whether it is of the tiger or the snow leopard kind, is driven by the desire of visitors to see specific animals. This often (1)_____ pressure on a certain area, with hordes (2)_____ tourists rushing to a spot. In (3)_____ case of tigers, it is quite possible (4)_____ the animal is stressed by the (5)_____ caused by a bunch of excited tourists.

SubQuestion No : 7

Q.7 Select the most appropriate option to fill in blank number 3.

- Ans
- 1. that
 - 2. the
 - 3. this
 - 4. a

Question ID : 8161612744
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.

'Staged tourism' whether it is of the tiger or the snow leopard kind, is driven by the desire of visitors to see specific animals. This often (1)_____ pressure on a certain area, with hordes (2)_____ tourists rushing to a spot. In (3)_____ case of tigers, it is quite possible (4)_____ the animal is stressed by the (5)_____ caused by a bunch of excited tourists.

SubQuestion No : 8

Q.8 Select the most appropriate option to fill in blank number 4.

- Ans
- 1. how
 - 2. why
 - 3. that
 - 4. what

Question ID : 8161612745
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.

'Staged tourism' whether it is of the tiger or the snow leopard kind, is driven by the desire of visitors to see specific animals. This often (1)_____ pressure on a certain area, with hordes (2)_____ tourists rushing to a spot. In (3)_____ case of tigers, it is quite possible (4)_____ the animal is stressed by the (5)_____ caused by a bunch of excited tourists.

SubQuestion No : 9

Q.9 Select the most appropriate option to fill in blank number 5.

- Ans
- 1. dismissal
 - 2. disbelief
 - 3. disappointment
 - 4. disturbance

Question ID : 8161612746
Status : Answered
Chosen Option : 4

Q.10 Select the correctly spelt word.

- Ans
- 1. Changeable
 - 2. Insignificant
 - 3. Unsustainable
 - 4. Impending

Question ID : 8161612755
Status : Answered
Chosen Option : 1

Q.11 Select the correct passive form of the given sentence.

Please make a cup of coffee for me.

- Ans
- 1. Let a cup of coffee be made for me.
 - 2. Can you please make a cup of coffee for me?
 - 3. I request you to make a cup of coffee for me.
 - 4. A cup of coffee can be made for me by you.

Question ID : 8161612737
Status : Answered
Chosen Option : 1

Q.12 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

Lata told to her team leader that she would be leaving office early as she had some urgent personal work.

- Ans
- 1. Lata tell to her team leader
 - 2. Lata telling to her team leader
 - 3. Lata told her team leader
 - 4. No improvement

Question ID : 8161612749
Status : Answered
Chosen Option : 3

Q.13 Select the most appropriate option to fill in the blank in the given sentence.

Students who are capable of understanding and managing their 'emotional intelligence' do better at school in _____ to their peers who lack the ability.

- Ans
- 1. difference
 - 2. resemblance
 - 3. comparison
 - 4. similarity

Question ID : 8161612762
Status : Answered
Chosen Option : 3

Q.14 Select the INCORRECTLY spelt word.

- Ans
- 1. Succulent
 - 2. Succumb
 - 3. Surrender
 - 4. Success

Question ID : 8161612756
Status : Answered
Chosen Option : 3

Q.15 Identify the segment in the given sentence which contains the grammatical error.

You had better not to try and feed the animals in the zoo, it is forbidden.

- Ans
- 1. You had better not to try
 - 2. in the zoo
 - 3. and feed the animals
 - 4. it is forbidden

Question ID : 8161612739
Status : Answered
Chosen Option : 1

Q.16 Select the most appropriate option to fill in the blank in the given sentence.

The area is _____ close circuit television surveillance.

- Ans
- 1. into
 - 2. about
 - 3. over
 - 4. under

Question ID : 8161612761
Status : Answered
Chosen Option : 4

Q.17 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. It was known as Lolark Ghat earlier and was renamed in honour of the saint.
- B. In 1941, industrialist B.D. Birla undertook the renovation of the ghat.
- C. Among the seven ghats that are associated with his life, the Tulsi Ghat is most special.
- D. The glorious city of Kashi, famous for its ghats along the Ganges river, is where the 17th century saint-poet, Tulsidas, lived.

- Ans
- 1. CDBA
 - 2. DCAB
 - 3. BDCA
 - 4. ABDC

Question ID : 8161612748
Status : Answered
Chosen Option : 2

Q.18 Select the most appropriate synonym of the given word.

MANDATE

- Ans
- 1. Man-made
 - 2. Broken promise
 - 3. Last trip
 - 4. Official order

Question ID : 8161612760
Status : Answered
Chosen Option : 4

Q.19 Select the word which means the same as the group of words given.

A large bedroom for a number of people in a school or institution

- Ans
- 1. Hostel
 - 2. Lodge
 - 3. Dormitory
 - 4. Residence

Question ID : 8161612757
Status : Answered
Chosen Option : 3

Q.20 Select the most appropriate meaning of the underlined idiom in the given sentence.

If someone is an old hand, then he/she is:

- Ans
- 1. forgetful
 - 2. aged
 - 3. experienced
 - 4. weak

Question ID : 8161612754
Status : Answered
Chosen Option : 3

Q.21 Select the most appropriate meaning of the underlined idiom in the given sentence.

Sandeep received a new lease of life after moving to Pune.

- Ans
- 1. became energetic again
 - 2. started looking for a job
 - 3. started taking healthy food
 - 4. looked for a group of friends

Question ID : 8161612753
Status : Answered
Chosen Option : 1

Q.22 Select the most appropriate ANTONYM of the given word.

HARSH

- Ans
- 1. Energetic
 - 2. Lenient
 - 3. Fragile
 - 4. Robust

Question ID : 8161612751
Status : Answered
Chosen Option : 2

Q.23 Select the most appropriate ANTONYM of the given word.

ARROGANCE

- Ans
- 1. Familiarity
 - 2. Honesty
 - 3. Ignorance
 - 4. Humility

Question ID : 8161612752
Status : Answered
Chosen Option : 4

Q.24 Select the most appropriate synonym of the given word.

ROTUND

- Ans
- 1. Rolled
 - 2. Rocky
 - 3. Range
 - 4. Round

Question ID : 8161612759
Status : Answered
Chosen Option : 4

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

One who studies the elections and voting trends

- Ans
- 1. Sociologist
 - 2. Psephologist
 - 3. Reviewer
 - 4. Researcher

Question ID : 8161612758
Status : Answered
Chosen Option : 2

Section : General Intelligence

Q.1 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(8, 6, 9)

- Ans
- 1. (5, 3, 3)
 - 2. (2, 1, 3)
 - 3. (3, 3, 6)
 - 4. (4, 2, 6)

Question ID : 8161612767
Status : Not Answered
Chosen Option : --

Q.2 If in a code language PATNA is coded as 260 and GOA is coded as 69, then how will you code RANCHI?

- Ans
- 1. 620
 - 2. 360
 - 3. 135
 - 4. 318

Question ID : 8161612772
Status : Answered
Chosen Option : 4

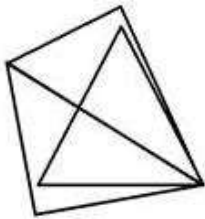
Q.3 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

PURPLE : OWOTGK :: GREEN : ?

- Ans**
- 1. FTBJI
 - 2. FTBBI
 - 3. FTBIJ
 - 4. FTBII

Question ID : 8161612773
Status : Answered
Chosen Option : 4

Q.4 How many triangles are there in the given figure?



- Ans**
- 1. 3
 - 2. 7
 - 3. 5
 - 4. 6

Question ID : 8161612783
Status : Answered
Chosen Option : 3

Q.5 Four letter clusters have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans**
- 1. UQNL
 - 2. VXAE
 - 3. LNQU
 - 4. YADH

Question ID : 8161612774
Status : Answered
Chosen Option : 1

Q.6 In a certain code language, TIGER is written as ROEIP. How will LION be written as in that language?

- Ans 1. JOUL
 2. JOIL
 3. JOUR
 4. JOMR

Question ID : 8161612771
 Status : Answered
 Chosen Option : 4

Q.7 Select the option that is related to the third word in the same way as the second word is related to the first word.
 School : Education :: Hospital : ?

- Ans 1. Diseases
 2. Books
 3. Treatment
 4. Doctors

Question ID : 8161612777
 Status : Answered
 Chosen Option : 3

Q.8 Which two numbers should be interchanged to make the following equation correct?

$$3 \times 9 + 5 - 18 \div 7 = 24$$

- Ans 1. 3 and 5
 2. 9 and 7
 3. 5 and 7
 4. 18 and 9

Question ID : 8161612764
 Status : Answered
 Chosen Option : 2

Q.9 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans 1. Assemble
 2. Construct
 3. Disband
 4. Create

Question ID : 8161612779
 Status : Answered
 Chosen Option : 3

Q.10 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

a _ dda _ cb _ cac _ da _

- Ans**
- 1. cbcaddabdc
 - 2. bddaccbbdd
 - 3. bddacbdcbd
 - 4. bdddebdacc

Question ID : 8161612775
Status : Answered
Chosen Option : 1

Q.11 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans**
- 1. CUX
 - 2. BIZ
 - 3. MOW
 - 4. ABY

Question ID : 8161612778
Status : Not Answered
Chosen Option : --

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.

3 : 25 :: 1 : ?

- Ans**
- 1. 8
 - 2. 6
 - 3. 9
 - 4. 10

Question ID : 8161612765
Status : Answered
Chosen Option : 3

Q.13 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:

1. Some fishes are horses.
2. Some horses are kites.

Conclusions:

- I. Some horses are fishes.
- II. Some kites are fishes.
- III. Some kites are horses.

- Ans**
- 1. Only conclusions I and III follow.
 - 2. All conclusions I, II and III follow.
 - 3. Only conclusions II and IV follow.
 - 4. Only conclusions I and II follow.

Question ID : 8161612780
Status : Answered
Chosen Option : 1

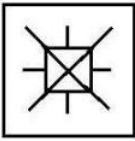
Q.14 Select the number that can replace the question mark (?) in the following series.

0, 1, 1, 3, 2, ?, 3, 13, 4, 21

- Ans**
- 1. 7
 - 2. 2
 - 3. 0
 - 4. 3

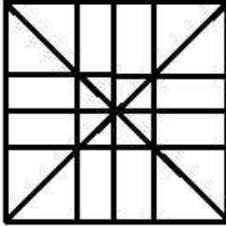
Question ID : 8161612768
Status : Answered
Chosen Option : 1

Q.15 From the given options, select the figure which is embedded in the following figure (rotation is NOT allowed).

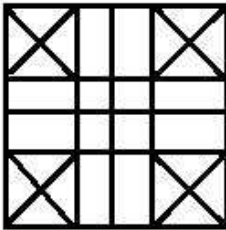


Ans

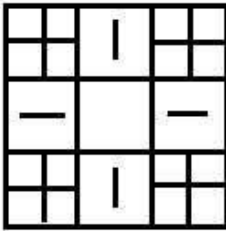
✓ 1.



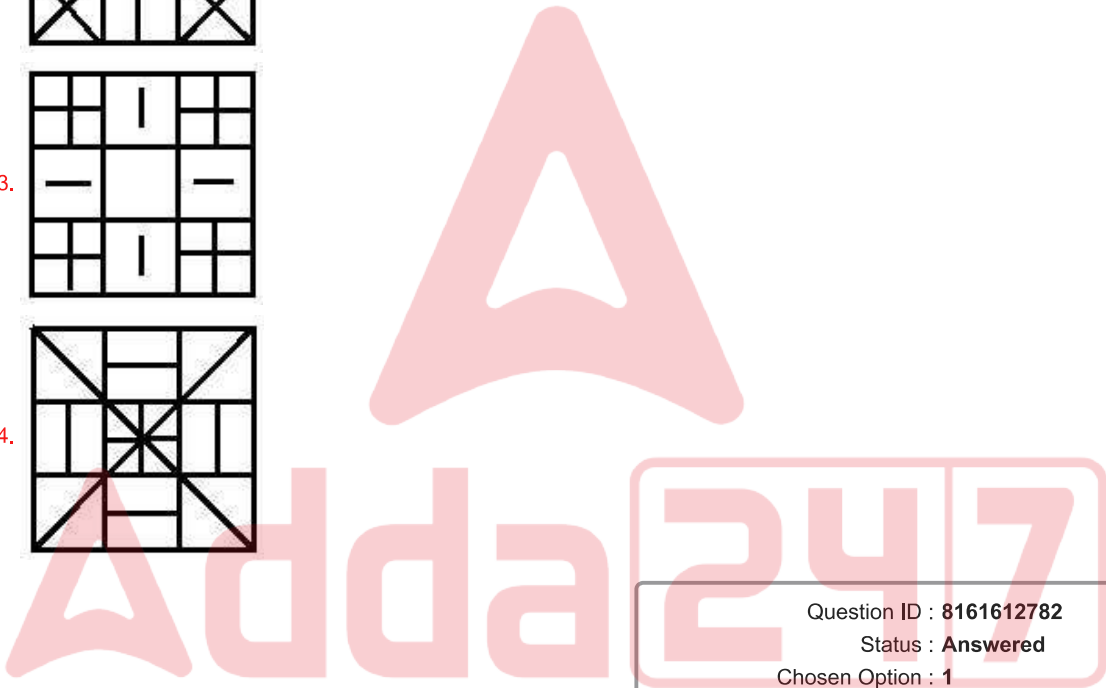
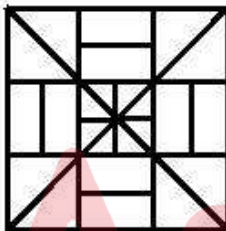
✗ 2.



✗ 3.



✗ 4.

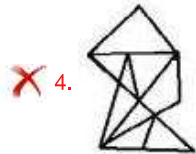
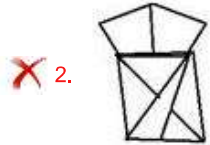
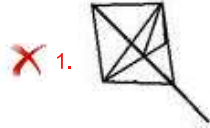


Question ID : 8161612782
 Status : Answered
 Chosen Option : 1

Q.16 Select the option in which the given figure is embedded. (Rotation is not allowed)



Ans



Question ID : 8161612784
Status : Answered
Chosen Option : 3

Q.17 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(6, 18, 162)

Ans

1. (4, 8, 32)

2. (4, 12, 34)

3. (5, 15, 80)

4. (3, 18, 36)

Question ID : 8161612766
Status : Not Answered
Chosen Option : --

Q.18 Arun is celebrating his birthday today. On his next birthday, he will be twice his age that was 12 years ago. How old is Arun today?

Ans

1. 27 years

2. 24 years

3. 25 years

4. 26 years

Question ID : 8161612763
Status : Answered
Chosen Option : 3

Q.19 Which of the following options is the correct mirror image of the given figure when the mirror is placed to the right side of the figure?

aeugh!#%428ghr

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

Question ID : 8161612786
Status : Answered
Chosen Option : 2

Q.20 A is husband of M who is sister -in-law of N. N is daughter of R and U. M is daughter-in-law of U. How A is related to U?

- Ans
- 1. Father
 - 2. Brother
 - 3. Son
 - 4. Brother-in-law

Question ID : 8161612776
Status : Answered
Chosen Option : 3

Q.21 Three of the following four number-pairs are alike in a certain way and one is different. Find the odd one out.

- Ans
- 1. 21 : 484
 - 2. 25 : 676
 - 3. 24 : 529
 - 4. 30 : 961

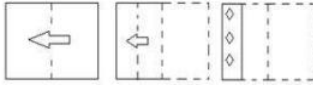
Question ID : 8161612769
Status : Answered
Chosen Option : 3

Q.22 In a certain code language, 'STYLE' is written as '181924114'. How would 'FIRST' be written in the same code language.

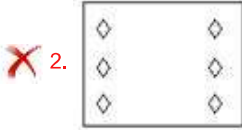
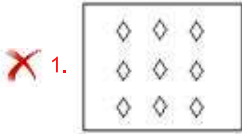
- Ans
- 1. 69181920
 - 2. 58171820
 - 3. 58181920
 - 4. 58171819

Question ID : 8161612770
Status : Answered
Chosen Option : 4

Q.23 The sequence of folding a 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?



Ans



Question ID : 8161612785
Status : Answered
Chosen Option : 3

Q.24 Three different positions of the same dice are shown below. Which symbol is on the face opposite the face showing '+' ?

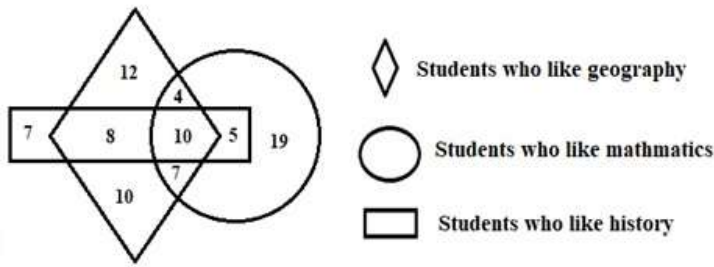


Ans



Question ID : 8161612781
Status : Answered
Chosen Option : 1

Q.25 Consider the following diagram.



How many students like both geography and mathematics but NOT history?

- Ans
- 1. 4
 - 2. 7
 - 3. 21
 - 4. 11

Question ID : 8161612787
 Status : Answered
 Chosen Option : 4

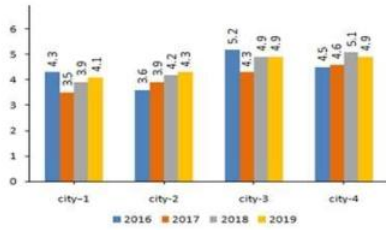
Section : Quantitative Aptitude(Basic Arithmetic Skill)

Q.1 An article was marked at ₹ x and sold at a discount of $(x - 40)\%$. If the customer paid ₹ $(x - 32)$, then find the marked price of the article.

- Ans
- 1. ₹75
 - 2. ₹60
 - 3. ₹80
 - 4. ₹50

Question ID : 8161612792
 Status : Not Answered
 Chosen Option : --

Q.2 The following graph shows the sales of cars (in thousands) in four cities in 4 years. Study the graph and answer the question.



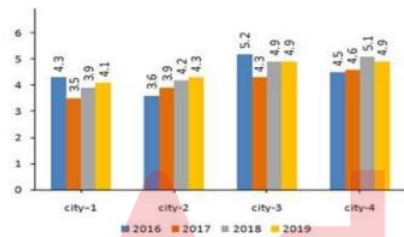
	2016	2017	2018	2019
City-1	4.3	3.5	3.9	4.1
city-2	3.6	3.9	4.2	4.3
city-3	5.2	4.3	4.9	4.9
city-4	4.5	4.6	5.1	4.9

Which city has the highest sales?

- Ans**
- 1. City-1
 - 2. City-3
 - 3. City-4
 - 4. City-2

Question ID : 8161612809
 Status : Answered
 Chosen Option : 2

Q.3 The following graph shows the sales of cars (in thousands) in four cities in 4 years. Study the graph and answer the question.



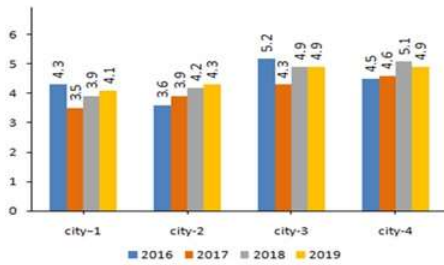
	2016	2017	2018	2019
City-1	4.3	3.5	3.9	4.1
city-2	3.6	3.9	4.2	4.3
city-3	5.2	4.3	4.9	4.9
city-4	4.5	4.6	5.1	4.9

In which year, the sales are highest?

- Ans**
- 1. 2018
 - 2. 2016
 - 3. 2019
 - 4. 2017

Question ID : 8161612810
 Status : Answered
 Chosen Option : 3

Q.4 The following graph shows the sales of cars (in thousands) in four cities in 4 years. Study the graph and answer the question.



	2016	2017	2018	2019
City-1	4.3	3.5	3.9	4.1
city-2	3.6	3.9	4.2	4.3
city-3	5.2	4.3	4.9	4.9
city-4	4.5	4.6	5.1	4.9

Which city has the highest percentage of sales, and in which year?

- Ans**
- 1. City-3; 2016
 - 2. City-4; 2017
 - 3. City-1; 2019
 - 4. City-2; 2018

Question ID : 8161612812
Status : Answered
Chosen Option : 1

Q.5 The perimeter and length of a rectangle are in the ratio of 8 : 1, and the area of the rectangle is 1323 cm^2 . Find the length of the rectangle.

- Ans**
- 1. 22 cm
 - 2. 23 cm
 - 3. 25 cm
 - 4. 21 cm

Question ID : 8161612790
Status : Answered
Chosen Option : 4

Q.6 Two numbers are respectively 25% and 65% more than a third number. The ratio of the two numbers is:

- Ans**
- 1. 25 : 42
 - 2. 16 : 17
 - 3. 16 : 19
 - 4. 25 : 33

Question ID : 8161612795
Status : Answered
Chosen Option : 4

Q.7 If $\sin x + \operatorname{cosec} x = 2$, then $\sin^{17} x + \operatorname{cosec}^{18} x$ is equal to:

- Ans
- 1. 1
 - 2. 0
 - 3. 4
 - 4. 2

Question ID : 8161612807
Status : Answered
Chosen Option : 4

Q.8 If $x = 255$, $y = 256$, $z = 257$, then find the value of $x^3 + y^3 + z^3 - 3xyz$.

- Ans
- 1. 1984
 - 2. 2304
 - 3. 1876
 - 4. 1378

Question ID : 8161612802
Status : Answered
Chosen Option : 2

Q.9 Find the simple interest on ₹74,000 at $18\frac{2}{3}\%$ per annum for a period of 8 months?

- Ans
- 1. ₹9,486.32
 - 2. ₹8,956.74
 - 3. ₹8,458.96
 - 4. ₹9,208.88

Question ID : 8161612796
Status : Answered
Chosen Option : 3

Q.10 If $x + \frac{1}{x} = 8$, then find the value of $\frac{5x}{x^2 + 1 - 6x}$.

- Ans
- 1. 2.5
 - 2. 6
 - 3. 5
 - 4. 6.5

Question ID : 8161612803
Status : Answered
Chosen Option : 1

Q.11 Find the area of an equilateral triangle whose sides are 12 cm.

- Ans
- 1. 38
 - 2. $29\sqrt{5}$
 - 3. $45\sqrt{2}$
 - 4. $36\sqrt{3}$

Question ID : 8161612800
Status : Answered
Chosen Option : 4

Q.12 If $\sin \theta - \cos \theta = \frac{7}{17}$, then find the value of $\sin \theta + \cos \theta$.

- Ans
- 1. $\frac{8}{17}$
 - 2. $\frac{23}{13}$
 - 3. $\frac{23}{17}$
 - 4. $\frac{8}{13}$

Question ID : 8161612806
Status : Answered
Chosen Option : 3

Q.13 An athlete crosses a distance of 900 m in 10 minutes. What is his speed in km per hour?

- Ans
- 1. 5.4 km/h
 - 2. 3.6 km/h
 - 3. 4.8 km/h
 - 4. 6.9 km/h

Question ID : 8161612789
Status : Answered
Chosen Option : 1

Q.14 If $a + b = 27$ and $a^3 + b^3 = 5427$, then find ab .

- Ans
- 1. 143
 - 2. 135
 - 3. 176
 - 4. 149

Question ID : 8161612801
Status : Answered
Chosen Option : 3

Q.15 A man buys an article for ₹3,200 and sells it at a loss of 12%. What is the selling price of the article?

- Ans
- 1. ₹3,012
 - 2. ₹2,816
 - 3. ₹2,856
 - 4. ₹3,428

Question ID : 8161612794
Status : Answered
Chosen Option : 2

Q.16 The average of 5 consecutive odd numbers is 75. By adding which number, will the average become 76?

- Ans
- 1. 76
 - 2. 81
 - 3. 77
 - 4. 79

Question ID : 8161612791
Status : Answered
Chosen Option : 2

Q.17 If in any triangle, the angles are in the ratio of 1 : 2 : 1, then what will be the ratio of its sides?

- Ans
- 1. 1 : 2 : 3
 - 2. 2 : 1 : 2
 - 3. 1 : 2 : 1
 - 4. $1 : \sqrt{2} : 1$

Question ID : 8161612799
Status : Answered
Chosen Option : 4

Q.18 Two parallel chords are drawn in a circle of diameter 20 cm. The length of one chord is 16 cm and the distance between the two chords is 12 cm. The length of the other chord is:

- Ans
- 1. 20 cm
 - 2. 18 cm
 - 3. 16 cm
 - 4. 12 cm

Question ID : 8161612798
Status : Answered
Chosen Option : 3

Q.19 In a circle, PQ and RS are two diameters that are perpendicular to each other. Find the length of the chord PR.

- Ans
- 1. $\frac{PQ}{2}$
 - 2. $\sqrt{2}$ PQ
 - 3. 2 PQ
 - 4. $\frac{PQ}{\sqrt{2}}$

Question ID : 8161612797
Status : Answered
Chosen Option : 4

Q.20 Ramu works 4 times as fast as Somu. If Somu can complete a work in 20 days independently, then the number of days in which Ramu and Somu together can complete the work is:

- Ans
- 1. 5 days
 - 2. 4 days
 - 3. 6 days
 - 4. 3 days

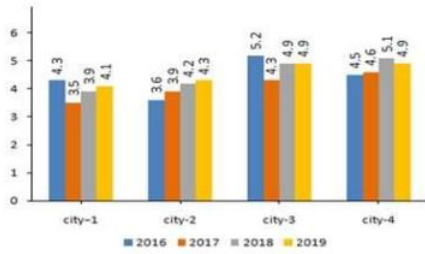
Question ID : 8161612788
Status : Answered
Chosen Option : 2

Q.21 The largest five-digit number that is exactly divisible by 81 is:

- Ans
- 1. 99989
 - 2. 99991
 - 3. 99954
 - 4. 99876

Question ID : 8161612804
Status : Answered
Chosen Option : 3

Q.22 The following graph shows the sales of cars (in thousands) in four cities in 4 years. Study the graph and answer the question.



	2016	2017	2018	2019
City-1	4.3	3.5	3.9	4.1
city-2	3.6	3.9	4.2	4.3
city-3	5.2	4.3	4.9	4.9
city-4	4.5	4.6	5.1	4.9

In 2019, what is the average number of sales among all four cities?

- Ans
- 1. 4280
 - 2. 4178
 - 3. 3980
 - 4. 4550

Question ID : 8161612811
 Status : Answered
 Chosen Option : 4

Q.23 Find the value of x in $\sqrt[3]{15625} - \sqrt{x} = 4$.

- Ans
- 1. 625
 - 2. 343
 - 3. 441
 - 4. 81

Question ID : 8161612805
 Status : Answered
 Chosen Option : 3

Q.24 Find x if $\cos x = -\frac{1}{2}$.

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

Question ID : 8161612808
Status : Answered
Chosen Option : 4

Q.25 Sachin scored 120 runs, which included 6 boundaries and 4 sixes. What percentage of his total score did he make by running between the wickets?

- Ans
- 1. $46\frac{4}{9}\%$
 - 2. $33\frac{1}{3}\%$
 - 3. 60%
 - 4. 45%

Question ID : 8161612793
Status : Answered
Chosen Option : 3

Section : General Awareness

Q.1 As of January 2020, who among the following is the Chairman of UPSC?

- Ans
- 1. Arvind Saxena
 - 2. PC Hota
 - 3. David R Syiemlieh
 - 4. Gurbachan Jagat

Question ID : 8161612817
Status : Answered
Chosen Option : 1

Q.2 Who among the following is NOT one of the Indian Chess Grandmasters?

- Ans
- 1. Rani Rampal
 - 2. D Harika
 - 3. Prithu Gupta
 - 4. Koneru Humpy

Question ID : 8161612837
Status : Answered
Chosen Option : 1

Q.3 During India's struggle for independence, who among the following became the President of the All India States People's Conference in 1939?

- Ans
- 1. Shyama Prasad Mukherjee
 - 2. C Rajagopalachari
 - 3. Vinoba Bhave
 - 4. Jawaharlal Nehru

Question ID : 8161612830
Status : Not Answered
Chosen Option : --

Q.4 Which of the following is an input device used to enter motion data into computers or other electronic devices?

- Ans
- 1. Monitor
 - 2. Trackball
 - 3. Plotter
 - 4. Joystick

Question ID : 8161612813
Status : Answered
Chosen Option : 2

Q.5 Who among the following won the 'Man of the Series' award in the three-match ODI series played between India and Australia in January 2020?

- Ans
- 1. Jasprit Bumrah
 - 2. Mitchell Starc
 - 3. David Warner
 - 4. Virat Kohli

Question ID : 8161612836
Status : Answered
Chosen Option : 1

Q.6 Who among the following was conferred with 29th Saraswati Samman for his short stories collection called 'Chequebook'?

- Ans 1. Vasdev Mohi
 2. K Siva Reddy
 3. SL Bhyrappa
 4. Govind Mishra

Question ID : 8161612832
Status : Answered
Chosen Option : 1

Q.7 'Ganga Sagar Mela' is celebrated on the occasion of Makar Sankranti from 13 to 15 January every year in:

- Ans 1. Bihar
 2. West Bengal
 3. Uttar Pradesh
 4. Uttarakhand

Question ID : 8161612815
Status : Answered
Chosen Option : 3

Q.8 Since the clinical thermometer is designed to measure the temperature of the human body only, it displays the range of 35°C to _____.

- Ans 1. 46°C
 2. 48°C
 3. 42°C
 4. 44°C

Question ID : 8161612824
Status : Answered
Chosen Option : 3

Q.9 'Avesta', also called 'Zend-Avesta', is the sacred book of:

- Ans 1. Zoroastrianism
 2. Buddhism
 3. Jainism
 4. Judaism

Question ID : 8161612816
Status : Answered
Chosen Option : 1

Q.10 India and China were engaged in a territorial dispute over Doklam in 2017. Doklam area is situated at the corner of the _____ tri-junction.

- Ans
- 1. Pakistan, Jammu & Kashmir and China
 - 2. Bhutan, West Bengal and China
 - 3. Bhutan, Sikkim and China
 - 4. Bhutan, Arunachal Pradesh and China

Question ID : 8161612828
Status : Answered
Chosen Option : 4

Q.11 UNDP's 'Human Development Report' (HDR) measures development by combining which of the following three indicators?

- Ans
- 1. Health, education and average salary
 - 2. Health, education and agricultural growth
 - 3. Health, education and standard of living
 - 4. Health, industrial growth and standard of living

Question ID : 8161612821
Status : Answered
Chosen Option : 3

Q.12 Which of the following articles of the Constitution of India provides constitutional remedies for the enforcement of fundamental rights?

- Ans
- 1. Article 40
 - 2. Article 36
 - 3. Article 38
 - 4. Article 32

Question ID : 8161612833
Status : Answered
Chosen Option : 4

Q.13 Who among the following scripted history by becoming the second Indian male shuttler after Prakash Padukone to win the title of 'BWF Badminton World Championships' in August 2019?

- Ans
- 1. Kidambi Srikanth
 - 2. H S Prannoy
 - 3. B. Sai Praneeth
 - 4. Ajay Jayaram

Question ID : 8161612835
Status : Answered
Chosen Option : 1

Q.14 As per Census 2011, which of the following is the most thickly populated state in India?

- Ans 1. Bihar
 2. West Bengal
 3. Goa
 4. Maharashtra

Question ID : 8161612826
Status : Answered
Chosen Option : 4

Q.15 What was the rank of the Indian passport in the world as per 'Henley Passport Index 2020'?

- Ans 1. 74th
 2. 38th
 3. 26th
 4. 84th

Question ID : 8161612818
Status : Not Answered
Chosen Option : --

Q.16 As of January 2020, who among the following became the first Indian female para-athlete and the oldest to be honoured with the 'Rajiv Gandhi Khel Ratna award'?

- Ans 1. Ramya Shanmugham
 2. Deepa Malik
 3. Manasi Joshi
 4. Karamjyoti Dalal

Question ID : 8161612831
Status : Not Answered
Chosen Option : --

Q.17 The election to constitute a Panchayat should be completed before the expiration of a period of _____ from the date of its dissolution.

- Ans 1. eight months
 2. one year
 3. six months
 4. two months

Question ID : 8161612834
Status : Answered
Chosen Option : 3

Q.18 An industrial economy is best defined as an economy whose 50% or more produce value comes from the _____ sector.

- Ans
- 1. banking
 - 2. secondary
 - 3. tertiary
 - 4. primary

Question ID : 8161612820
Status : Answered
Chosen Option : 4

Q.19 Who among the following was popularly known as 'Frontier Gandhi'?

- Ans
- 1. Maulana Abul Kalam Azad
 - 2. Abdul Ghaffar Khan
 - 3. Hasrat Mohani
 - 4. Ashfaqulla Khan

Question ID : 8161612829
Status : Answered
Chosen Option : 2

Q.20 Which of the following nation's parliament passed a bill designating all United States military forces as terrorists on 7 January 2020?

- Ans
- 1. Cuba
 - 2. North Korea
 - 3. Iraq
 - 4. Iran

Question ID : 8161612819
Status : Answered
Chosen Option : 4

Q.21 In which color are the railway lines and telephone lines shown in the topographic map?

- Ans
- 1. Blue
 - 2. Yellow
 - 3. Black
 - 4. Red

Question ID : 8161612827
Status : Not Answered
Chosen Option : --

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Q.22 The inner walls of small intestine have thousands of finger-like outgrowths. These are called:

- Ans 1. Villi
 2. Lumps
 3. Benign
 4. Myomas

Question ID : 8161612823
Status : Answered
Chosen Option : 1

Q.23 Which of the following is a system designed to transmit information between electronic musical instruments?

- Ans 1. Bar code reader
 2. Optical Mark Reader
 3. MIDI devices
 4. Visual Display Unit

Question ID : 8161612814
Status : Answered
Chosen Option : 3

Q.24 Which of the following gases is referred to as 'laughing gas'?

- Ans 1. Sulfur dioxide
 2. Carbon monoxide
 3. Carbon dioxide
 4. Nitrous Oxide

Question ID : 8161612822
Status : Answered
Chosen Option : 4

Q.25 Which of the following Himalayan ranges extends from the northern side of Leh to the Tibetan border and comprises Digar La Pass and Khardung La Pass?

- Ans 1. Dhauladhar Range
 2. Pir Panjal Range
 3. Ladakh Range
 4. Zaskar Range

Question ID : 8161612825
Status : Answered
Chosen Option : 3