Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	iON DIGITAL Zone iDZ Vishnupuri
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 most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.**

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

Ans ✔️ 1. was too little space

❌ 2. No improvement

❌ 3. were too little space

❌ 4. was so few space

Question ID : **8161612750**
Status : **Answered**
Chosen Option : **1**

Q.2 **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. Did you tell to

❌ 2. you saw her friend

❌ 3. at the theater

❌ 4. your mother that

Question ID : **8161612740**
Status : **Answered**
Chosen Option : **1**

Q.3 **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. ADCB

❌ 2. CABD

❌ 3. BCAD

✔️ 4. BDCA

Question ID : **8161612747**
Status : **Answered**
Chosen Option : **3**

Q.4 **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, "I have already paid the instalment when the notice will come to me."

✗ 2. Balaji said, "I already paid the instalment when the notice had come to me."

✔ 3. Balaji said, "I had already paid the instalment when the notice came to me."

✗ 4. Balaji said, "He has already paid the instalment when the notice came to him."

Question ID : **8161612738**
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 : 5

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

Ans ✗ 1. makes

✗ 2. does

✗ 3. gives

✔ 4. puts

Question ID : **8161612742**
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 : 6

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

Ans ✔ 1. of

✗ 2. from

✗ 3. with

✗ 4. by

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. a

✗ 2. that

✗ 3. this

✔ 4. the

Question ID : **8161612744**
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 : 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. disappointment

✓ 2. disturbance

✗ 3. disbelief

✗ 4. dismissal

Question ID : **8161612746**
Status : **Answered**
Chosen Option : **2**

Q.10 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 told her team leader

✗ 3. No improvement

✗ 4. Lata telling to her team leader

Question ID : **8161612749**
Status : **Answered**
Chosen Option : **2**

Q.11 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. similarity

✗ 3. resemblance

✓ 4. comparison

Question ID : **8161612762**
Status : **Answered**
Chosen Option : **4**

Q.12 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. and feed the animals

✓ 2. You had better not to try

✗ 3. in the zoo

✗ 4. it is forbidden

Question ID : **8161612739**
Status : **Answered**
Chosen Option : **2**

Q.13 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. Dormitory

✗ 2. Residence

✗ 3. Hostel

✗ 4. Lodge

Question ID : **8161612757**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the most appropriate option to fill in the blank in the given sentence.

The area is _____ close circuit television surveillance.

Ans ✓ 1. under

✗ 2. over

✗ 3. about

✗ 4. into

Question ID : **8161612761**
Status : **Answered**
Chosen Option : **1**

Q.15 Select the most appropriate ANTONYM of the given word.

HARSH

Ans ✓ 1. Lenient

✗ 2. Robust

✗ 3. Fragile

✗ 4. Energetic

Question ID : **8161612751**
Status : **Answered**
Chosen Option : **4**

Q.16 Select the most appropriate meaning of the underlined idiom in the given sentence.

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

Ans ✅ 1. experienced

❌ 2. aged

❌ 3. weak

❌ 4. forgetful

Question ID : **8161612754**

Status : **Answered**

Chosen Option : **1**

Q.17 Select the most appropriate synonym of the given word.

ROTUND

Ans ✅ 1. Round

❌ 2. Range

❌ 3. Rocky

❌ 4. Rolled

Question ID : **8161612759**

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

Chosen Option : **--**

Q.18 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. DCAB

❌ 2. CDBA

❌ 3. BDCA

❌ 4. ABDC

Question ID : **8161612748**

Status : **Answered**

Chosen Option : **3**

Q.19 Select the most appropriate synonym of the given word.

MANDATE

Ans ❌ 1. Broken promise

❌ 2. Last trip

✅ 3. Official order

❌ 4. Man-made

Question ID : **8161612760**

Status : **Answered**

Chosen Option : **3**

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

Sandeep <u>received a new lease of life</u> after moving to Pune.

Ans   ✗ 1. looked for a group of friends

     ✗ 2. started taking healthy food

     ✔ 3. became energetic again

     ✗ 4. started looking for a job

Question ID : **8161612753**
Status : **Answered**
Chosen Option : **3**

Q.21 Select the INCORRECTLY spelt word.

Ans   ✔ 1. Surender

     ✗ 2. Succulent

     ✗ 3. Succumb

     ✗ 4. Success

Question ID : **8161612756**
Status : **Answered**
Chosen Option : **1**

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

ARROGANCE

Ans   ✗ 1. Ignorance

     ✗ 2. Familiarity

     ✗ 3. Honesty

     ✔ 4. Humility

Question ID : **8161612752**
Status : **Answered**
Chosen Option : **4**

Q.23 Select the correct passive form of the given sentence.

Please make a cup of coffee for me.

Ans   ✗ 1. I request you to make a cup of coffee for me.

     ✗ 2. Can you please make a cup of coffee for me?

     ✔ 3. Let a cup of coffee be made for me.

     ✗ 4. A cup of coffee can be made for me by you.

Question ID : **8161612737**
Status : **Marked For Review**
Chosen Option : **1**

Q.24 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. Reviewer

✔ 3. Psephologist

✗ 4. Researcher

Q.25 Select the correctly spelt word.

Ans ✗ 1. Insigneficant

✗ 2. Unsustanable

✗ 3. Immpending

✔ 4. Changeable

Section : **General Intelligence**

Q.1 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. ɹɥƃ8Z⊅%о#!ƃnǝɐ

✗ 2. ɹɥƃ8Z⊅%о#!ƃɥnǝɐ

✔ 3. ɹɥƃ8Z⊅%о#!ƃnǝɐ

✗ 4. ɹɥƃ8Z⊅%о#!ƃnǝɐ

Q.2 Three of the following four number-pairs are alike in a certain way and one is different. Find the odd one out.

Ans ✗ 1. 25 : 676

✗ 2. 21 : 484

✔ 3. 24 : 529

✗ 4. 30 : 961

Q.3 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. Treatment

✘ 2. Books

✘ 3. Doctors

✘ 4. Diseases

Question ID : 8161612777
Status : **Answered**
Chosen Option : **1**

Q.4 Which two numbers should be interchanged to make the following equation correct?

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

Ans ✘ 1. 18 and 9

✘ 2. 3 and 5

✔ 3. 9 and 7

✘ 4. 5 and 7

Question ID : 8161612764
Status : **Answered**
Chosen Option : **3**

Q.5 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. (3, 3, 6)

✘ 2. (2, 1, 3)

✔ 3. (5, 3, 3)

✘ 4. (4, 2, 6)

Question ID : 8161612767
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.6 If in a code language PATNA is coded as 260 and GOA is coded as 69, then how will you code RANCHI?

Ans ✔ 1. 318

✘ 2. 360

✘ 3. 135

✘ 4. 620

Question ID : 8161612772
Status : **Answered**
Chosen Option : **1**

Q.7 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. Create

✗ 3. Construct

✔ 4. Disband

Question ID : **8161612779**
Status : **Answered**
Chosen Option : **4**

Q.8 Three different positions of the same dice are shown below. Which symbol is on the face opposite the face showing '(' ?
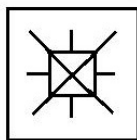

Ans ✔ 1. +

✗ 2. *

✗ 3. $

✗ 4. #

Question ID : **8161612781**
Status : **Answered**
Chosen Option : **1**

Q.9 From the given options, select the figure which is embedded in the following figure (rotation is NOT allowed).

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.
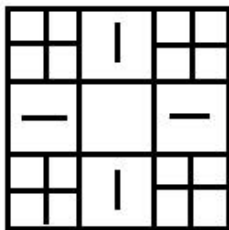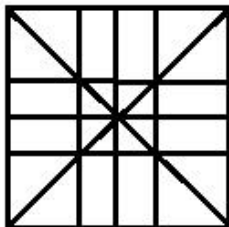
Question ID : 8161612782
Status : **Answered**
Chosen Option : **4**

Q.10 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. 3

✗ 4. 0

Question ID : 8161612768
Status : **Answered**
Chosen Option : **1**

Q.11 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

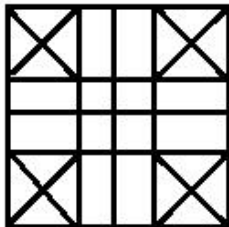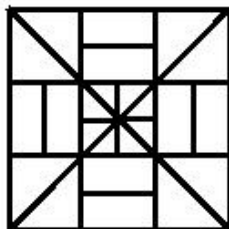a_ _dda_ _cb_ _ _cac_ _da_

Ans
   ✗ 1. bdddcbdacc

   ✗ 2. bddacbdcbd

   ✔ 3. cbcaddabdc

   ✗ 4. bddaccbbdd

Question ID : **8161612775**

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

Chosen Option : **--**

Q.12 How many triangles are there in the given figure?

Ans
   ✗ 1. 3

   ✔ 2. 5

   ✗ 3. 7

   ✗ 4. 6

Question ID : **8161612783**

Status : **Answered**

Chosen Option : **2**

Q.13 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

✔ 1.
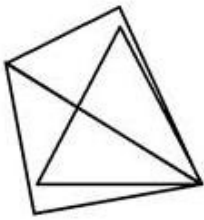
✘ 2.

✘ 3.

✘ 4.
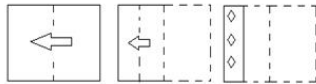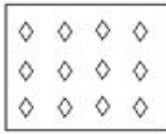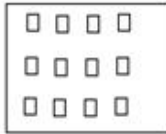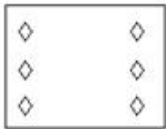
Question ID : **8161612785**
Status : **Answered**
Chosen Option : **1**

Q.14 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. (5, 15, 80)

✘ 3. (4, 12, 34)

✘ 4. (3, 18, 36)

Question ID : **8161612766**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.15 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. 10

✘ 2. 6

✔ 3. 9

✘ 4. 8

Question ID : **8161612765**
Status : **Answered**
Chosen Option : **3**

Q.16 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 II and IV follow.

✘ 2. Only conclusions I and II follow.

✔ 3. Only conclusions I and III follow.

✘ 4. All conclusions I, II and III follow.

Question ID : **8161612780**
Status : **Answered**
Chosen Option : **3**

Q.17 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. 24 years

✔ 2. 25 years

✘ 3. 26 years

✘ 4. 27 years

Question ID : **8161612763**
Status : **Answered**
Chosen Option : **2**

Q.18 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. FTBBI

✔ 2. FTBII

✘ 3. FTBJI

✘ 4. FTBIJ

Question ID : **8161612773**
Status : **Answered**
Chosen Option : **2**

Q.19 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. VXAE
 ✔ 2. UQNL
 ✗ 3. LNQU
 ✗ 4. YADH

Question ID : **8161612774**
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. Son
 ✗ 3. Brother-in-law
 ✗ 4. Brother

Question ID : **8161612776**
Status : **Answered**
Chosen Option : **2**

Q.21 Select the option in which the given figure is embedded. (Rotation is not allowed)

Ans

 ✔ 1.

 ✗ 2.

 ✗ 3.

 ✗ 4.

Question ID : **8161612784**
Status : **Answered**
Chosen Option : **1**

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

Ans
✗ 1. 58181920
✗ 2. 69181920
✔ 3. 58171819
✗ 4. 58171820

Question ID : **8161612770**
Status : **Answered**
Chosen Option : **3**

Q.23 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. MOW
✗ 2. CUX
✔ 3. ABY
✗ 4. BIZ

Question ID : **8161612778**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.24 In a certain code language, TIGER is written as ROEIP. How will LION be written as in that language?

Ans
✗ 1. JOUR
✗ 2. JOIL
✗ 3. JOMR
✔ 4. JOUL

Question ID : **8161612771**
Status : **Answered**
Chosen Option : **3**

Q.25 Consider the following diagram.
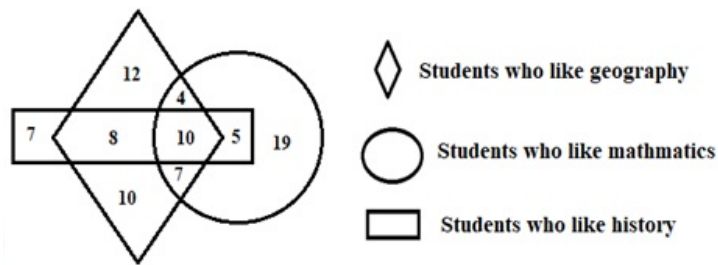
How many students like both geography and mathematics but NOT history?

Ans   ✗ 1. 21

     ✗ 2. 4

     ✗ 3. 7

     ✔ 4. 11

Question ID : 8161612787
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude(Basic Arithmetic Skill)**

Q.1 Find the value of x in $\sqrt[3]{15625} - \sqrt{x} = 4$.

Ans   ✗ 1. 343

     ✔ 2. 441

     ✗ 3. 625

     ✗ 4. 81

Question ID : 8161612805
Status : **Answered**
Chosen Option : **2**

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

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

Ans ✗ 1. 4178

✗ 2. 3980

✗ 3. 4280

✔ 4. 4550

Question ID : **8161612811**
Status : **Answered**
Chosen Option : **4**

Q.3 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. 6.9 km/h

✗ 3. 3.6 km/h

✗ 4. 4.8 km/h

Question ID : **8161612789**
Status : **Answered**
Chosen Option : **1**

Q.4 The largest five-digit number that is exactly divisible by 81 is:

Ans ✔ 1. 99954

✗ 2. 99876

✗ 3. 99989

✗ 4. 99991

Question ID : **8161612804**
Status : **Answered**
Chosen Option : **1**

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

Ans
✗ 1. 77
✗ 2. 79
✔ 3. 81
✗ 4. 76

Question ID : **8161612791**
Status : **Answered**
Chosen Option : **3**

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

Ans
✗ 1. $16 : 17$
✗ 2. $25 : 42$
✔ 3. $25 : 33$
✗ 4. $16 : 19$

Question ID : **8161612795**
Status : **Answered**
Chosen Option : **3**

Q.7 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. $2 : 1 : 2$
✗ 2. $1 : 2 : 3$
✔ 3. $1 : \sqrt{2} : 1$
✗ 4. $1 : 2 : 1$

Question ID : **8161612799**
Status : **Answered**
Chosen Option : **3**

Q.8 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. ₹60
✗ 2. ₹50
✗ 3. ₹75
✔ 4. ₹80

Question ID : **8161612792**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.9 If $sinx + cosecx = 2$, then $sin^{17}x + cosec^{18}x$ is equal to:

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

Question ID : **8161612807**
Status : **Answered**
Chosen Option : **3**

Q.10 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. ₹9,208.88
- ✗ 4. ₹8,458.96

Question ID : **8161612796**
Status : **Answered**
Chosen Option : **3**

Q.11 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 : **Not Answered**
Chosen Option : **--**

Q.12 If $x + \frac{1}{x} = 8$, then find the value of $\frac{5x}{x^2+1-6x}$.

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

Question ID : **8161612803**
Status : **Answered**
Chosen Option : **2**

Q.13 If $x = 255, y = 256, z = 257$, then find the value of $x^3 + y^3 + z^3 - 3xyz$.

Ans
✗ 1. 1378
✗ 2. 1984
✗ 3. 1876
✓ 4. 2304

Question ID : **8161612802**
Status : **Answered**
Chosen Option : **4**

Q.14 Find x if $Cos x = -\dfrac{1}{2}$.

Ans
✗ 1. $\dfrac{3\pi}{2}$

✗ 2. $\dfrac{4\pi}{3}$

✗ 3. $\dfrac{5\pi}{2}$

✓ 4. $\dfrac{2\pi}{3}$

Question ID : **8161612808**
Status : **Not Answered**
Chosen Option : **--**

Q.15 The perimeter and length of a rectangle are in the ratio of 8 : 1, and the area of the rectangle is 1323 cm². Find the length of the rectangle.

Ans
✗ 1. 25 cm
✓ 2. 21 cm
✗ 3. 22 cm
✗ 4. 23 cm

Question ID : **8161612790**
Status : **Not Answered**
Chosen Option : **--**

Q.16 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. 2017

✗ 2. 2016

✔ 3. 2019

✗ 4. 2018

Question ID : **8161612810**
Status : **Answered**
Chosen Option : **3**

Q.17 The following graph shows the sales of cars (in thousands) in four cities in 4 years. Study the graph and answer the question.
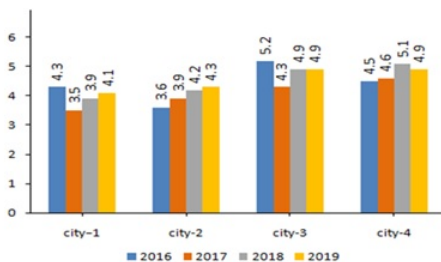
	2016	2017	2018	2019
City-1	4.3	3.5	3.9	4.1
city-2	3.6	3.9	4.2	4.3
city-3	5.2	4.3	4.9	4.9
city-4	4.5	4.6	5.1	4.9

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

Ans   ✔ 1. City-3; 2016

✗ 2. City-1; 2019

✗ 3. City-4; 2017
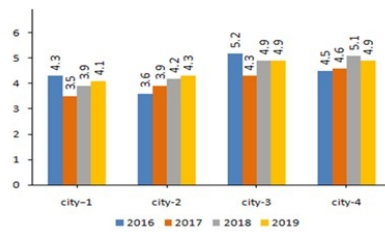
✗ 4. City-2; 2018

Question ID : **8161612812**
Status : **Answered**
Chosen Option : **1**

Q.18 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-3

✘ 2. City-1

✘ 3. City-4

✘ 4. City-2

Q.19

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

Ans

✘ 1. $\frac{8}{13}$

✔ 2. $\frac{23}{17}$

✘ 3. $\frac{23}{13}$

✘ 4. $\frac{8}{17}$

Q.20 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

Q.21 In a circle, PQ and RS are two diameters that are perpendicular to each other. Find the length of the chord PR.

Ans
✗ 1. $\dfrac{PQ}{2}$

✗ 2. $\sqrt{2}\ PQ$

✗ 3. $2\ PQ$

✔ 4. $\dfrac{PQ}{\sqrt{2}}$

Question ID : **8161612797**
Status : **Answered**
Chosen Option : **2**

Q.22 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. 4 days

✗ 2. 5 days

✗ 3. 3 days

✗ 4. 6 days

Question ID : **8161612788**
Status : **Answered**
Chosen Option : **1**

Q.23 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. 45%

✗ 2. $46\dfrac{4}{9}\%$

✔ 3. 60%

✗ 4. $33\dfrac{1}{3}\%$

Question ID : **8161612793**
Status : **Answered**
Chosen Option : **3**

Q.24 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 : **Not Answered**
Chosen Option : **--**

Q.25 Find the area of an equilateral triangle whose sides are 12 cm.

Ans
✗ 1. $29\sqrt{5}$

✗ 2. $45\sqrt{2}$

✗ 3. 38

✓ 4. $36\sqrt{3}$

Question ID : **8161612800**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

Q.1 The inner walls of small intestine have thousands of finger-like outgrowths. These are called:

Ans
✗ 1. Benign

✗ 2. Myomas

✗ 3. Lumps

✓ 4. Villi

Question ID : **8161612823**
Status : **Not Answered**
Chosen Option : **--**

Q.2 What was the rank of the Indian passport in the world as per 'Henley Passport Index 2020'?

Ans
✗ 1. 74th

✓ 2. 84th

✗ 3. 38th

✗ 4. 26th

Question ID : **8161612818**
Status : **Answered**
Chosen Option : **2**

Q.3 An industrial economy is best defined as an economy whose 50% or more produce value comes from the _____ sector.

Ans
✗ 1. primary

✗ 2. banking

✗ 3. tertiary

✓ 4. secondary

Question ID : **8161612820**
Status : **Marked For Review**
Chosen Option : **4**

Q.4 Which of the following is a system designed to transmit information between electronic musical instruments?

Ans ✔ 1. MIDI devices

✗ 2. Optical Mark Reader

✗ 3. Bar code reader

✗ 4. Visual Display Unit

Question ID : **8161612814**

Status : **Answered**

Chosen Option : **1**

Q.5 Which of the following gases is referred to as 'laughing gas'?

Ans ✗ 1. Carbon dioxide

✗ 2. Carbon monoxide

✔ 3. Nitrous Oxide

✗ 4. Sulfur dioxide

Question ID : **8161612822**

Status : **Answered**

Chosen Option : **3**

Q.6 The election to constitute a Panchayat should be completed before the expiration of a period of_____ from the date of its dissolution.

Ans ✗ 1. one year

✗ 2. two months

✔ 3. six months

✗ 4. eight months

Question ID : **8161612834**

Status : **Marked For Review**

Chosen Option : **3**

Q.7 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. 44°C

✔ 4. 42°C

Question ID : **8161612824**

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

Chosen Option : **--**

Q.8 Who among the following is NOT one of the Indian Chess Grandmasters?

Ans ✗ 1. Prithu Gupta

✗ 2. Koneru Humpy

✔ 3. Rani Rampal

✗ 4. D Harika

Question ID : **8161612837**
Status : **Answered**
Chosen Option : **3**

Q.9 Who among the following was conferred with 29th Saraswati Samman for his short stories collection called 'Chequebook'?

Ans ✗ 1. K Siva Reddy

✗ 2. SL Bhyrappa

✔ 3. Vasdev Mohi

✗ 4. Govind Mishra

Question ID : **8161612832**
Status : **Answered**
Chosen Option : **1**

Q.10 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. Karamjyoti Dalal

✔ 3. Deepa Malik

✗ 4. Manasi Joshi

Question ID : **8161612831**
Status : **Answered**
Chosen Option : **3**

Q.11 As of January 2020, who among the following is the Chairman of UPSC?

Ans ✗ 1. Gurbachan Jagat

✗ 2. David R Syiemlieh

✔ 3. Arvind Saxena

✗ 4. PC Hota

Question ID : **8161612817**
Status : **Answered**
Chosen Option : **3**

Q.12 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. Mitchell Starc

✔ 2. Virat Kohli

✖ 3. David Warner

✖ 4. Jasprit Bumrah

Question ID : **8161612836**

Status : **Answered**

Chosen Option : **2**

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

Ans

✔ 1. West Bengal

✖ 2. Uttar Pradesh

✖ 3. Uttarakhand

✖ 4. Bihar

Question ID : **8161612815**

Status : **Answered**

Chosen Option : **1**

Q.14 'Avesta', also called 'Zend-Avesta', is the sacred book of:

Ans

✖ 1. Jainism

✖ 2. Buddhism

✔ 3. Zoroastrianism

✖ 4. Judaism

Question ID : **8161612816**

Status : **Answered**

Chosen Option : **1**

Q.15 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. Bhutan, Arunachal Pradesh and China

✖ 2. Pakistan, Jammu & Kashmir and China

✔ 3. Bhutan, Sikkim and China

✖ 4. Bhutan, West Bengal and China

Question ID : **8161612828**

Status : **Answered**

Chosen Option : **3**

Q.16 Which of the following articles of the Constitution of India provides constitutional remedies for the enforcement of fundamental rights?

Ans ✗ 1. Article 36

✓ 2. Article 32

✗ 3. Article 38

✗ 4. Article 40

Question ID : **8161612833**
Status : **Answered**
Chosen Option : **2**

Q.17 Which of the following is an input device used to enter motion data into computers or other electronic devices?

Ans ✗ 1. Plotter

✓ 2. Trackball

✗ 3. Monitor

✗ 4. Joystick

Question ID : **8161612813**
Status : **Answered**
Chosen Option : **1**

Q.18 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. Ladakh Range

✗ 2. Pir Panjal Range

✗ 3. Dhauladhar Range

✗ 4. Zanskar Range

Question ID : **8161612825**
Status : **Not Answered**
Chosen Option : **--**

Q.19 UNDP's 'Human Development Report' (HDR) measures development by combining which of the following three indicators?

Ans ✓ 1. Health, education and standard of living

✗ 2. Health, education and average salary

✗ 3. Health, industrial growth and standard of living

✗ 4. Health, education and agricultural growth

Question ID : **8161612821**
Status : **Answered**
Chosen Option : **1**

Q.20 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. B. Sai Praneeth

✘ 2. Ajay Jayaram

✘ 3. H S Prannoy

✘ 4. Kidambi Srikanth

Question ID : **8161612835**

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

Chosen Option : **--**

Q.21 Which of the following nation's parliament passed a bill designating all United States military forces as terrorists on 7 January 2020?

Ans ✘ 1. North Korea

✔ 2. Iran

✘ 3. Iraq

✘ 4. Cuba

Question ID : **8161612819**

Status : **Answered**

Chosen Option : **2**

Q.22 As per Census 2011, which of the following is the most thickly populated state in India?

Ans ✔ 1. Bihar

✘ 2. Maharashtra

✘ 3. West Bengal

✘ 4. Goa

Question ID : **8161612826**

Status : **Answered**

Chosen Option : **1**

Q.23 In which color are the railway lines and telephone lines shown in the topographic map?

Ans ✘ 1. Yellow

✘ 2. Blue

✔ 3. Black

✘ 4. Red

Question ID : **8161612827**

Status : **Not Answered**

Chosen Option : **--**

Q.24 Who among the following was popularly known as 'Frontier Gandhi'?

Ans   ✗ 1. Maulana Abul Kalam Azad

   ✗ 2. Hasrat Mohani

   ✔ 3. Abdul Ghaffar Khan

   ✗ 4. Ashfaqulla Khan

Question ID : **8161612829**
Status : **Answered**
Chosen Option : **3**

Q.25 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. Jawaharlal Nehru

   ✗ 2. C Rajagopalachari

   ✗ 3. Shyama Prasad Mukherjee

   ✗ 4. Vinoba Bhave

Question ID : **8161612830**
Status : **Answered**
Chosen Option : **1**