

Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Baruipur
Exam Date	16/10/2020
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL Tier 1

Section : English Language (Basic Knowledge)

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

Rama said to me, "I need your help for my new assignment."

- Ans ☒ 1. Rama told me that she needed my help for her new assignment.
- ☐ 2. Rama says that she needs my help for the new assignment.
- ☐ 3. Rama said to me I need your help for my new assignment.
- ☐ 4. Rama said that she was needing my help for her new assignment.

Question ID : 424429810

Status : Answered

Chosen Option : 1

Q.2 Select the correct passive form of the given sentence.

My mother is watching a new serial about the life of Dr. Ambedkar.

- Ans ☐ 1. A new serial about the life of Dr. Ambedkar will be watched by my mother.
- ☒ 2. A new serial about the life of Dr. Ambedkar is being watched by my mother.
- ☐ 3. A new serial about the life of Dr. Ambedkar is watched by my mother.
- ☐ 4. A new serial about the life of Dr. Ambedkar was being watched by my mother.

Question ID : 424429809

Status : Answered

Chosen Option : 2

Q.3 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'.

The new product will be arrive on supermarket shelves only next year.

- Ans ☐ 1. will arriving on
- ☐ 2. will arrived on
- ☒ 3. will arrive on
- ☐ 4. No improvement

Question ID : 424429822

Status : Answered

Chosen Option : 3

Q.4 Select the word which means the same as the group of words given.

An imagined society where everything is perfect and everyone is happy

- Ans ☒ 1. Utopia
☒ 2. Responsible
☒ 3. Evangelist
☒ 4. Hypocrite

Question ID : 424429829
 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.

Recently, I visited an orphanage for differently abled (1)_____ in Delhi. The courteous staff (2)_____ me feel at home and allowed me to interact (3)_____ with the children. I was told beforehand that I could carry food packets and items of daily use like stationery, blankets, and clothes (4)_____ the children, who were in the age group of five to 13. The children were a cheerful lot, the smiles on (5)_____ faces reflecting the joy within on receiving gifts.

SubQuestion No : 5

Q.5 Select the most appropriate option for blank number 1.

- Ans ☒ 1. children's
☒ 2. children
☒ 3. child
☒ 4. child's

Question ID : 424429814
 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.

Recently, I visited an orphanage for differently abled (1)_____ in Delhi. The courteous staff (2)_____ me feel at home and allowed me to interact (3)_____ with the children. I was told beforehand that I could carry food packets and items of daily use like stationery, blankets, and clothes (4)_____ the children, who were in the age group of five to 13. The children were a cheerful lot, the smiles on (5)_____ faces reflecting the joy within on receiving gifts.

SubQuestion No : 6

Q.6 Select the most appropriate option for blank number 2.

- Ans ☒ 1. make
☒ 2. makes
☒ 3. was made
☒ 4. made

Question ID : 424429815
 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.

Recently, I visited an orphanage for differently abled (1)_____ in Delhi. The courteous staff (2)_____ me feel at home and allowed me to interact (3)_____ with the children. I was told beforehand that I could carry food packets and items of daily use like stationery, blankets, and clothes (4)_____ the children, who were in the age group of five to 13. The children were a cheerful lot, the smiles on (5)_____ faces reflecting the joy within on receiving gifts.

SubQuestion No : 7

Q.7 Select the most appropriate option for blank number 3.

Ans

- ☒ 1. freely
☐ 2. heartily
☐ 3. clearly
☐ 4. truly

Question ID : 424429816

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.

Recently, I visited an orphanage for differently abled (1)_____ in Delhi. The courteous staff (2)_____ me feel at home and allowed me to interact (3)_____ with the children. I was told beforehand that I could carry food packets and items of daily use like stationery, blankets, and clothes (4)_____ the children, who were in the age group of five to 13. The children were a cheerful lot, the smiles on (5)_____ faces reflecting the joy within on receiving gifts.

SubQuestion No : 8

Q.8 Select the most appropriate option for blank number 4.

Ans

- ☐ 1. by
☒ 2. for
☐ 3. with
☐ 4. of

Question ID : 424429817

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.

Recently, I visited an orphanage for differently abled (1)_____ in Delhi. The courteous staff (2)_____ me feel at home and allowed me to interact (3)_____ with the children. I was told beforehand that I could carry food packets and items of daily use like stationery, blankets, and clothes (4)_____ the children, who were in the age group of five to 13. The children were a cheerful lot, the smiles on (5)_____ faces reflecting the joy within on receiving gifts.

SubQuestion No : 9

Q.9 Select the most appropriate option for blank number 5.

- Ans
- ☒ 1. them
 - ☒ 2. that
 - ☒ 3. those
 - ☒ 4. their

Question ID : 424429818

Status : Answered

Chosen Option : 4

Q.10 Select the most appropriate meaning of the given idiom.

Get something off your chest

- Ans
- ☒ 1. Remove something from you as it is troubling you a lot
 - ☒ 2. Tell people some good news that you know and you want to share
 - ☒ 3. Have difficulty in doing something that is quite easy
 - ☒ 4. Express something that has been worrying you, and you want to say

Question ID : 424429826

Status : Marked For Review

Chosen Option : 4

Q.11 Select the most appropriate synonym of the given word.

IDLENESS

- Ans
- ☒ 1. Cheerfulness
 - ☒ 2. Industry
 - ☒ 3. Lethargy
 - ☒ 4. Energy

Question ID : 424429831

Status : Answered

Chosen Option : 3

Q.12 Select the most appropriate meaning of the given idiom.

Plain as day

- Ans ☒ 1. Very obvious and easy to understand
☐ 2. Visible only in broad daylight
☐ 3. Very simple and easy to do
☐ 4. Very interesting to know

Question ID : 424429825

Status : Marked For Review

Chosen Option : 1

Q.13 Select the most appropriate word to fill in the blank.

Parents who are very _____ later repent giving their children too much freedom.

- Ans ☒ 1. permissive
☐ 2. strict
☐ 3. overbearing
☐ 4. different

Question ID : 424429834

Status : Answered

Chosen Option : 3

Q.14 Select the word which means the same as the group of words given.

Incapable of making mistakes

- Ans ☐ 1. Ineligible
☒ 2. Infallible
☐ 3. Negligible
☐ 4. Inevitable

Question ID : 424429830

Status : Answered

Chosen Option : 2

Q.15 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'.

After walking a few steps in the forest, our guide sensing some sort of movement in the foliage behind us.

- Ans ☐ 1. was sensed
☒ 2. sensed
☐ 3. No improvement
☐ 4. had been senses

Question ID : 424429821

Status : Answered

Chosen Option : 2

Q.16 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Changable
☒ 2. Mileage
☒ 3. Arrangement
☒ 4. Practice

Question ID : 424429827
Status : Answered
Chosen Option : 1

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

- A. Einstein had a deep distaste for enforced learning, and was known to skip many of his college lectures.
B. Einstein was also severely critical of the exam-based education system.
C. The great physicist Galileo too said, "You cannot teach anybody anything. You can only help them discover it within themselves."
D. He often felt that formal education interfered with his natural desire to learn and explore.

- Ans ☒ 1. ADBC
☒ 2. CABD
☒ 3. ACDB
☒ 4. DABC

Question ID : 424429820
Status : Answered
Chosen Option : 1

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

TESTIMONY

- Ans ☒ 1. Disproof
☒ 2. Approval
☒ 3. Difficulty
☒ 4. Witness

Question ID : 424429824
Status : Answered
Chosen Option : 1

Q.19 In the given sentence, identify the segment which contains a grammatical error.

We can see much changes in Government schools these days.

- Ans ☒ 1. much changes
☒ 2. these days
☒ 3. in Government schools
☒ 4. We can see

Question ID : 424429811
Status : Answered
Chosen Option : 1

Q.20 In the given sentence, identify the segment which contains a grammatical error.

I think Virat Kohli will remain the captain of the Indian team in a year 2020.

- Ans ☒ 1. in a year 2020
☒ 2. the captain
☒ 3. of the Indian team
☒ 4. will remain

Question ID : 424429812
Status : Answered
Chosen Option : 1

Q.21 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Privilage
☒ 2. Alligator
☒ 3. Judicious
☒ 4. Alimony

Question ID : 424429828
Status : Answered
Chosen Option : 4

Q.22 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. Soon, the idea took its final shape and she started selling barfis under the brand name Harbhajan's and the tagline "You'll remember your childhood".

B. That's when Raveena suggested that she should start selling her signature 'Besan ki Barfi'.

C. Today Harbhajan Kaur is truly living by these words as she now sells tasty barfi and makes good money.

D. It all started in 2016, when 94 year old Harbhajan's daughter asked her if she had any regrets in life, to which she expressed that she never earned a penny for herself.

- Ans ☒ 1. CBAD
☒ 2. DCAB
☒ 3. BCDA
☒ 4. DBAC

Question ID : 424429819
Status : Answered
Chosen Option : 4

Q.23 Select the most appropriate word to fill in the blank.

It is said that children who learn to use their body, mind and emotions for their own wellbeing, work _____ the wellbeing of others.

- Ans
- ☒ 1. into
 - ☒ 2. within
 - ☒ 3. towards
 - ☒ 4. forwards

Question ID : 424429833
Status : Answered
Chosen Option : 3

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

SPIRITUAL

- Ans
- ☒ 1. Physical
 - ☒ 2. Righteous
 - ☒ 3. Ghostly
 - ☒ 4. Pious

Question ID : 424429823
Status : Answered
Chosen Option : 1

Q.25 Select the most appropriate synonym of the given word.

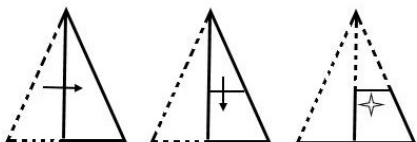
REPROACH

- Ans
- ☒ 1. Berate
 - ☒ 2. Indulge
 - ☒ 3. Train
 - ☒ 4. Supervise

Question ID : 424429832
Status : Answered
Chosen Option : 1

Section : General Intelligence

Q.1 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

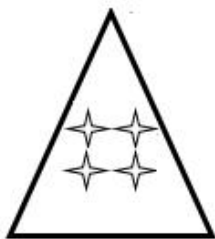
✗ 1.



✗ 2.



✓ 3.



✗ 4.



Question ID : 424429857

Status : Answered

Chosen Option : 3

Q.2 Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.

Coach : Player

Ans

✗ 1.

Captain : Team

✗ 2.

Team : Practice

✗ 3.

Umpire : Cricket

✓ 4.

Teacher : Student

Question ID : 424429849

Status : Answered

Chosen Option : 4


Q.3 Select the number that can replace the question mark (?) in the following series.

5, 3, 3, 5, 15, ?

Ans  1. 59

 2. 45

 3. 69

 4. 39

Question ID : 424429840


Status : Answered


Chosen Option : 2


Q.4 Arrange the following words in a logical and meaningful order.

1. Letter
2. Postman
3. Delivery
4. Post Box
5. Post Office

Ans  1. 3,1,2,5,4

 2. 5,4,3,1,2

 3. 3,2,1,5,4

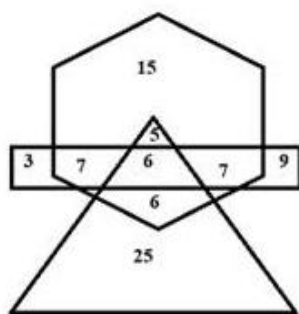
 4. 1,4,5,2,3




Question ID : 424429842

Status : Answered

Chosen Option : 4

Q.5 Study the following diagram.



-  Persons having a car
 Persons having a motorcycle
 Persons having a bicycle

How many persons have only motorcycle?

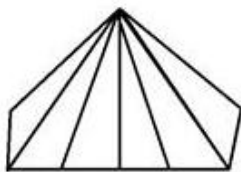
- Ans
- ☒ 1. 32
 - ☒ 2. 3
 - ☒ 3. 9
 - ☒ 4. 12

Question ID : 424429859

Status : Answered

Chosen Option : 4

Q.6 How many triangles are there in the given figure?



- Ans
- ☒ 1. 12
 - ☒ 2. 13
 - ☒ 3. 10
 - ☒ 4. 11

Question ID : 424429855

Status : Answered

Chosen Option : 1

Q.7 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(2, 6, 42)

- Ans**
- ☒ 1. (9,13,43)
 - ☒ 2. (4, 8, 39)
 - ☒ 3. (4,12,86)
 - ☒ 4. (1, 2, 6)

Question ID : 424429838

Status : Answered

Chosen Option : 4

Q.8 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. 393
 - ☒ 2. 384
 - ☒ 3. 441
 - ☒ 4. 600

Question ID : 424429841

Status : Answered

Chosen Option : 3

Q.9 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(10, 50, 1250)

- Ans**
- ☒ 1. (9, 45, 945)
 - ☒ 2. (2, 10, 125)
 - ☒ 3. (4, 20, 300)
 - ☒ 4. (4, 8, 32)

Question ID : 424429839

Status : Answered

Chosen Option : 4

Q.10 Select the option figure that will come next in the following series.



Ans

✗ 1.



✓ 2.



✗ 3.



✗ 4.



Question ID : 424429854

Status : Answered

Chosen Option : 2

Q.11 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 bananas are green.
2. Some green are yellow.

Conclusions:

- I. Some bananas are yellow.
- II. Some yellow are bananas.
- III. All yellow are bananas.
- IV. Some green are bananas.

Ans

✗ 1. Only conclusions I, II and IV follow.

✗ 2. Only conclusions II and IV follow.

✗ 3. Only conclusions I and IV follow.

✓ 4. Only conclusion IV follows.

Question ID : 424429852

Status : Answered

Chosen Option : 4

Q.12 Select the option in which the given figure is embedded. (Rotation is not allowed)



Ans

✗ 1.



✗ 2.



✓ 3.



✗ 4.



Question ID : 424429856

Status : Answered

Chosen Option : 3

Q.13 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

Ans

✗ 1.

LMNO

✗ 2.

ABCD

✗ 3.

IJKL

✓ 4.

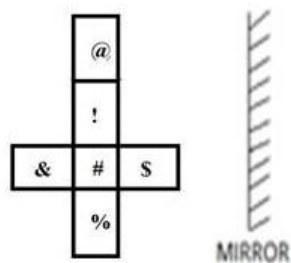
WXYZ

Question ID : 424429850

Status : Not Answered

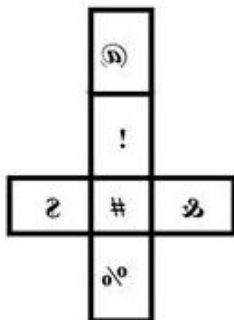
Chosen Option : --

Q.14 Which of the following options is the correct mirror image of the given figure?

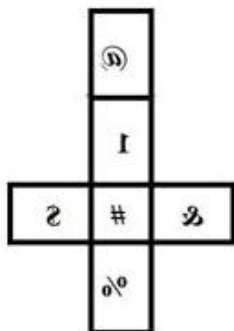


Ans

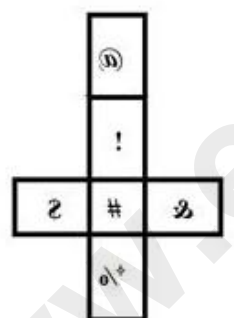
✓ 1.



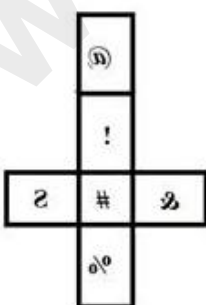
✗ 2.



✗ 3.



✗ 4.



Question ID : 424429858

Status : Answered

Chosen Option : 1

Q.15 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

_ _bc_ _ _ eaa _cde_ _abc_ _ _ea_ _ _cdee

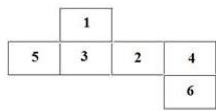
- Ans**
- ✓ 1. aacdebceacdeabc
 - ✗ 2. aacdebceaabccde
 - ✗ 3. aacdebceabceacd
 - ✗ 4. abceacdeabccacde

Question ID : 424429847

Status : Answered

Chosen Option : 1

Q.16 If the following figure is folded to form a cube, then which number will be on the face opposite to the face having number '1'?



- Ans**
- ✗ 1. 4
 - ✓ 2. 6
 - ✗ 3. 5
 - ✗ 4. 1

Question ID : 424429853

Status : Answered

Chosen Option : 2

Q.17 Aman has an equal number of one, five, ten and twenty rupee bank notes, to make a total of ₹1,080. How many bank notes does Aman have in total?

- Ans**
- ✗ 1. 100
 - ✗ 2. 90
 - ✓ 3. 120
 - ✗ 4. 105

Question ID : 424429835

Status : Answered

Chosen Option : 3

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.

BLISS : STNLF :: STOP : _____

- Ans
- ☒ 1. BLSQ
 - ☒ 2. TQST
 - ☒ 3. TTSQ
 - ☒ 4. TTRR

Question ID : 424429845

Status : Not Answered

Chosen Option : --

Q.19 Which two numbers should be interchanged in the following equation to make it correct?

$$6 + 28 \div 4 - 2 \times 17 = 12$$

- Ans
- ☒ 1. 17 and 4
 - ☒ 2. 28 and 2
 - ☒ 3. 17 and 6
 - ☒ 4. 6 and 4

Question ID : 424429836

Status : Answered

Chosen Option : 3

Q.20 Select the letter-cluster that can replace the question mark (?) in the following series.

IHUW : HFRS :: LMQT : ?

- Ans
- ☒ 1. LKPN
 - ☒ 2. LNMK
 - ☒ 3. LMNO
 - ☒ 4. KKNP

Question ID : 424429851

Status : Answered

Chosen Option : 4

Q.21 Select the option that is related to the third number in the same way as the second number is related to the first number.

9 : 72 :: 5 : ?

- Ans
- ☒ 1. 25
 - ☒ 2. 35
 - ☒ 3. 39
 - ☒ 4. 20

Question ID : 424429837

Status : Answered

Chosen Option : 4

Q.22 Between the siblings A and B, one is a brother and the other a sister. B is the son of X. X is Y's husband and O's brother. How is A related to O?

- Ans
- ☐ 1. Granddaughter
 - ☐ 2. Cousin
 - ☐ 3. Nephew
 - ☒ 4. Niece

Question ID : 424429848
Status : Answered
Chosen Option : 4

Q.23 In a certain code language, SCIENCE is written as TFNLWNR. How will ARTS be written in that language?

- Ans
- ☐ 1. BTYA
 - ☒ 2. BUYZ
 - ☐ 3. TSRA
 - ☐ 4. BTYZ

Question ID : 424429843
Status : Answered
Chosen Option : 2

Q.24 'Tree' is related to 'Mango in the same way as 'Vine' is related to '_____ '.

- Ans
- ☐ 1. Orange
 - ☐ 2. Banana
 - ☐ 3. Guava
 - ☒ 4. Grape

Question ID : 424429846
Status : Answered
Chosen Option : 4

Q.25 In a certain code language, SKILL is coded as 57 and LOVE is coded as 40. How will LIE be coded as in that language?

- Ans
- ☐ 1. 20
 - ☐ 2. 22
 - ☒ 3. 17
 - ☐ 4. 26

Question ID : 424429844
Status : Answered
Chosen Option : 3

Section : Quantitative Aptitude(Basic Arithmetic Skill)

Q.1 In a 15% discount sale, the cost of a book is ₹2,150. What was the original price of the book?
(Correct to two decimal places)

- Ans
- ☒ 1. ₹1,527.00
 - ☒ 2. ₹2,500.00
 - ☒ 3. ₹2,529.41
 - ☒ 4. ₹2,250.50

Question ID : 424429864
Status : Answered
Chosen Option : 3

Q.2 The ratio of three angles of a triangle is 1 : 3 : 5. Which is the measure of the greatest angle?

- Ans
- ☒ 1. 120°
 - ☒ 2. 60°
 - ☒ 3. 80°
 - ☒ 4. 100°

Question ID : 424429871
Status : Answered
Chosen Option : 4

Q.3 The cost price of 33 books is the same as the selling price of 'x' books. If the profit is 10%, then the value of 'x' is :

- Ans
- ☒ 1. 30
 - ☒ 2. 20
 - ☒ 3. 40
 - ☒ 4. 10

Question ID : 424429866
Status : Answered
Chosen Option : 1

Q.4 If $a : b = 3 : \sqrt{5}$, then the value of $(2a + b) : (3a - 2b)$ is:

- Ans
- ☒ 1. $\frac{1}{64} (64 + 21\sqrt{5})$
 - ☒ 2. $\frac{1}{61} (64 + 21\sqrt{5})$
 - ☒ 3. $\frac{1}{62} (64 + 21\sqrt{5})$
 - ☒ 4. $\frac{1}{63} (64 + 21\sqrt{5})$

Question ID : 424429867
Status : Answered
Chosen Option : 2

Q.5 The radius of a circle is 15 cm and the length of one chord of the circle is 20 cm. What is the distance of the chord from the centre of the circle?

- Ans**
- ✓ 1. $5\sqrt{5}$ cm
 - ✗ 2. $5\sqrt{3}$ cm
 - ✗ 3. $3\sqrt{3}$ cm
 - ✗ 4. $5\sqrt{2}$ cm

Question ID : 424429870

Status : Answered

Chosen Option : 1

Q.6 If $x - y = 13$ and $xy = 25$, then the value of $x^2 - y^2 = ?$

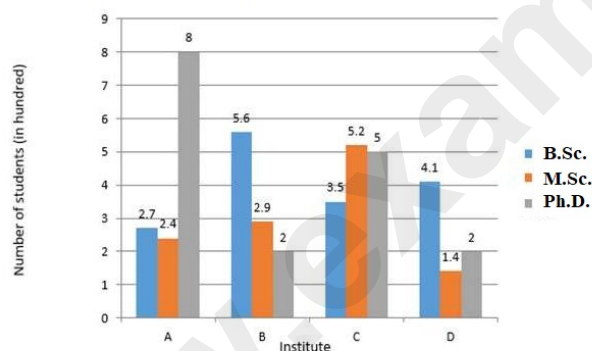
- Ans**
- ✗ 1. $13\sqrt{240}$
 - ✗ 2. $13\sqrt{229}$
 - ✓ 3. $13\sqrt{269}$
 - ✗ 4. $13\sqrt{210}$

Question ID : 424429873

Status : Answered

Chosen Option : 3

Q.7 The following graph shows the number of students (in hundreds) in three different courses in four different institutes. Study the graph and answer the question.



What is the total number of students (in hundreds) in M.Sc. course across all institutes?

- Ans**
- ✗ 1. 10.5
 - ✗ 2. 11.5
 - ✓ 3. 11.9
 - ✗ 4. 10.8

Question ID : 424429883

Status : Answered

Chosen Option : 3

Q.8 The distance covered by a train in $(x + 1)$ hours is $(x^3 + 1)$ km. What is the speed of the train?

- Ans
- ☒ 1. $(x + 1)$ km/h
 - ☒ 2. $(x^2 + x + 1)$ km/h
 - ☒ 3. $(x^2 - x + 1)$ km/h
 - ☒ 4. $(x^3 - 1)$ km/h

Question ID : 424429875

Status : Answered

Chosen Option : 3

Q.9 If $x + y = 4$ and $x^3 + y^3 = 12$, then the value of $x^4 + y^4 = ?$

- Ans
- ☒ 1. $\frac{146}{3}$
 - ☒ 2. $\frac{146}{9}$
 - ☒ 3. $\frac{146}{7}$
 - ☒ 4. $\frac{146}{5}$

Question ID : 424429874

Status : Answered

Chosen Option : 2

Q.10 In a set of three numbers, the average of the first two numbers is 7, the average of the last two numbers is 10, and the average of the first and the last numbers is 14. What is the average of the three numbers?

- Ans
- ☒ 1. $31/3$
 - ☒ 2. $25/4$
 - ☒ 3. $29/4$
 - ☒ 4. $37/3$

Question ID : 424429863

Status : Answered

Chosen Option : 1

Q.11 What is the area of an equilateral triangle of side $4\sqrt{3}$ cm?

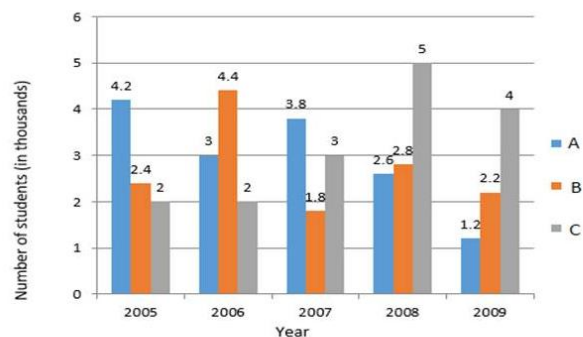
- Ans
- ☒ 1. $16\sqrt{3}$ cm²
 - ☒ 2. $12\sqrt{3}$ cm²
 - ☒ 3. $15\sqrt{3}$ cm²
 - ☒ 4. $20\sqrt{3}$ cm²

Question ID : 424429862

Status : Answered

Chosen Option : 2

Q.12 The following graph below shows the number of students (in thousands) who were admitted to three different courses in 5 years in a university. Study the graph and answer the question.



What is the ratio of the number of students who were admitted to course A in the year 2007 to that of students who were admitted to course C in the year 2009?

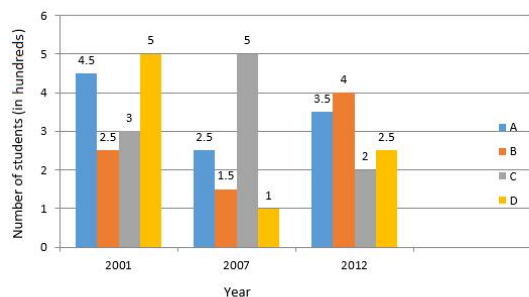
- Ans
- ☒ 1. $\frac{23}{20}$
 - ☒ 2. $\frac{19}{20}$
 - ☒ 3. $\frac{21}{20}$
 - ☒ 4. $\frac{9}{20}$

Question ID : 424429882

Status : Answered

Chosen Option : 2

Q.13 The following bar graph shows the number of students (in hundreds) who have opted for different courses A, B, C and D in 3 years in a college. Study the graph and answer the question.



In the year 2007, the average number of students across the four courses is (in hundreds):

- Ans**
- ✓ 1. 2.5
 - ✗ 2. 1.5
 - ✗ 3. 2.2
 - ✗ 4. 2.7

Question ID : 424429881

Status : Answered

Chosen Option : 1

Q.14 The value of x , if $2\sin^2 x = 2 - 3\sin x$, is:

- Ans**
- ✓ 1. $\frac{\pi}{6}$
 - ✗ 2. $\frac{\pi}{4}$
 - ✗ 3. $\frac{\pi}{3}$
 - ✗ 4. $\frac{\pi}{2}$

Question ID : 424429880

Status : Answered

Chosen Option : 1

Q.15 If the numerator of a fraction is increased by 15% and denominator is decreased by 20%, then the fraction, so obtained, is $\frac{17}{65}$. What is the original fraction?

Ans

✓ 1. $\frac{272}{1495}$

✗ 2. $\frac{267}{1495}$

✗ 3. $\frac{278}{1495}$

✗ 4. $\frac{281}{1495}$

Question ID : 424429865

Status : Answered

Chosen Option : 1

Q.16 At which rate of simple interest does an amount become double in 12 years?

Ans

✗ 1. $7\frac{4}{5}\%$

✗ 2. $7\frac{1}{2}\%$

✗ 3. 8%

✓ 4. $8\frac{1}{3}\%$

Question ID : 424429868

Status : Answered

Chosen Option : 4

Q.17 A person walks a distance from point A to B at 15 km/h, and from point B to A at 30 km/h. If he takes 3 hours to complete the journey, then what is the distance from point A to B?

Ans

✗ 1. 15 km

✓ 2. 30 km

✗ 3. 25 km

✗ 4. 10 km

Question ID : 424429861

Status : Answered

Chosen Option : 2

Q.18 What is the value of $\cot 35^\circ \cot 40^\circ \cot 45^\circ \cot 50^\circ \cot 55^\circ$?

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

Question ID : 424429878
Status : Answered
Chosen Option : 3

Q.19 If two concentric circles are of radii 13 cm and 12 cm, respectively, then the length of the chord of the larger circle which touches the smaller circle is:

- Ans
- ☐ 1. 35 cm
 - ☒ 2. 10 cm
 - ☐ 3. 15 cm
 - ☐ 4. 25 cm

Question ID : 424429872
Status : Answered
Chosen Option : 2

Q.20 What will be the area of a circle whose radius is $\sqrt{5}$ cm?

- Ans
- ☒ 1. $5\pi \text{ cm}^2$
 - ☐ 2. $2\pi \text{ cm}^2$
 - ☐ 3. $\pi \text{ cm}^2$
 - ☐ 4. $3\pi \text{ cm}^2$

Question ID : 424429869
Status : Answered
Chosen Option : 1

Q.21 If a positive integer 'n' is divisible by 3, 5 and 7, then what is the next larger integer divisible by all these numbers?

- Ans
- ☐ 1. $n + 21$
 - ☐ 2. $n + 110$
 - ☒ 3. $n + 105$
 - ☐ 4. $n + 35$

Question ID : 424429876
Status : Answered
Chosen Option : 3

Q.22 What is the value of

$$(9 + 3 - 16 \div 4 + 10) + \{(3 + 5 \times 2 \div 10)\} \times (18 - 4 \text{ of } 5)?$$

- Ans
- ☐ 1. 15
 - ☐ 2. 5
 - ☐ 3. 8
 - ☒ 4. 10

Question ID : 424429877

Status : Answered

Chosen Option : 4

Q.23 A alone can complete a task in 3 days and B alone can complete the same task in 6 days. In how many days can A and B complete it together?

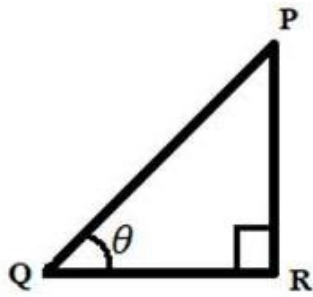
- Ans
- ☐ 1. 3
 - ☐ 2. 6
 - ☐ 3. 1
 - ☒ 4. 2

Question ID : 424429860

Status : Answered

Chosen Option : 4

Q.24 In the given figure, if $PQ = 13$ cm and $PR = 12$ cm, then the value of $\sin \theta + \tan \theta = ?$



Ans

☒ 1. $\frac{218}{5}$

☒ 2. $\frac{216}{65}$

☒ 3. $\frac{213}{5}$

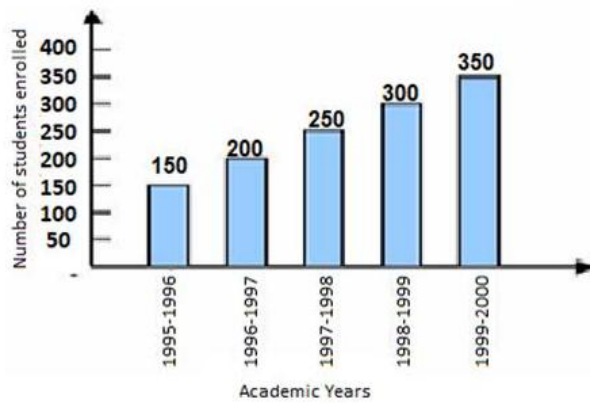
☒ 4. $\frac{216}{13}$

Question ID : 424429879

Status : Answered

Chosen Option : 2

Q.25 Study the graph and answer the question that follows.



What is the ratio of enrolment during 1995 - 1996 to the enrolment during 1998 - 1999?

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

Question ID : 424429884

Status : Answered

Chosen Option : 3

Section : General Awareness

Q.1 India's 'National Sports Day' coincides with the birthday of which sportsperson?

- Ans
- ☐ 1. Syed Abdul Rahim
 - ☐ 2. Kapil Dev
 - ☐ 3. Milkha Singh
 - ☒ 4. Dhyan Chand

Question ID : 424429908

Status : Not Answered

Chosen Option : --

Q.2 Which of the following plates has the slowest rate of movement at less than 2.5 cm/year?

- Ans
- ☐ 1. Mid-Atlantic Ridge
 - ☒ 2. Arctic Ridge
 - ☐ 3. North American Plate
 - ☐ 4. East Pacific Rise

Question ID : 424429897

Status : Not Answered

Chosen Option : --

Q.3 Who was India's first Chief of Defence Staff?

- Ans
- ☒ 1. General Arjan Singh
 - ☒ 2. General Vijay Kumar Singh
 - ☒ 3. General Bipin Rawat
 - ☒ 4. General Manoj Mukund Naravane

Question ID : 424429889
Status : Answered
Chosen Option : 3

Q.4 Which application was launched by Reserve Bank of India in January 2020 to help visually challenged people identify new currency notes?

- Ans
- ☒ 1. OLTAS
 - ☒ 2. NEFT
 - ☒ 3. MANI
 - ☒ 4. DRI

Question ID : 424429892
Status : Answered
Chosen Option : 3

Q.5 Through which of the following states does the Tropic of Cancer run?

- Ans
- ☒ 1. Manipur
 - ☒ 2. Nagaland
 - ☒ 3. Assam
 - ☒ 4. Mizoram

Question ID : 424429899
Status : Answered
Chosen Option : 4

Q.6 Who was the youngest Member of Parliament to be elected in 2019?

- Ans
- ☒ 1. Nusrat Jahan
 - ☒ 2. Mimi Chakraborty
 - ☒ 3. Chandrani Murmu
 - ☒ 4. Tejasvi Surya

Question ID : 424429891
Status : Not Answered
Chosen Option : --

Q.7 Which of the following is a popular dance form of Lakshadweep island?

- Ans ☒ 1. Kolkali
☐ 2. Koli
☐ 3. Kathak
☐ 4. Kuchipudi

Question ID : 424429887
Status : Not Answered
Chosen Option : --

Q.8 A piece of land that is almost entirely surrounded by water but connected to the main land on one side is called ____.

- Ans ☐ 1. Island
☐ 2. Strait
☒ 3. Peninsula
☐ 4. Isthmus

Question ID : 424429898
Status : Not Answered
Chosen Option : --

Q.9 A/an ____ is a central server on a computer network that enables connected clients to access the server's storage capacities.

- Ans ☒ 1. file server
☐ 2. print server
☐ 3. web server
☐ 4. application server

Question ID : 424429885
Status : Answered
Chosen Option : 3

Q.10 Which of the following is NOT a central economic problem, solved by the Production Possibility Curve (PPC)?

- Ans ☐ 1. Full utilisation of resources
☐ 2. Economic efficiency
☒ 3. Sustainable consumption
☐ 4. Economic growth

Question ID : 424429893
Status : Not Answered
Chosen Option : --

Q.11 The fifth incarnation of Vishnu is known as:

- Ans ☒ 1. Vamana
☐ 2. Narasimha
☐ 3. Krishna
☐ 4. Varaha

Question ID : 424429888
Status : Not Answered
Chosen Option : --

Q.12 Which stadium was renamed as Arun Jaitley Stadium in 2019?

- Ans ☐ 1. Green Park
☐ 2. Eden Gardens
☐ 3. Wankhede Stadium
☒ 4. Feroz Shah Kotla Ground

Question ID : 424429909
Status : Not Answered
Chosen Option : --

Q.13 The capital of which empire was NOT in south India?

- Ans ☐ 1. Chola
☐ 2. Pallava
☒ 3. Pala
☐ 4. Chera

Question ID : 424429902
Status : Answered
Chosen Option : 3

Q.14 'Leukopenia' is an abnormal ____.

- Ans ☐ 1. increase in white blood cells
☐ 2. decrease in red blood cells
☐ 3. increase in red blood cells
☒ 4. decrease in white blood cells

Question ID : 424429896
Status : Answered
Chosen Option : 2

Q.15 'Piklihal' and 'Utnur' are important ____ sites.

- Ans ☒ 1. Neolithic
☐ 2. Megalithic
☐ 3. Monolithic
☐ 4. Paleolithic

Question ID : 424429901
Status : Not Answered
Chosen Option : --

Q.16 Pineapple is a ____ plant.

- Ans ☐ 1. Hygrophyte
☐ 2. Mesophyte
☐ 3. Hydrophyte
☒ 4. Xerophyte

Question ID : 424429895
Status : Not Answered
Chosen Option : --

Q.17 As per the eighth Schedule of the Constitution of India, how many languages are referred to as scheduled languages?

- Ans ☒ 1. 22
☐ 2. 14
☐ 3. 18
☐ 4. 20

Question ID : 424429905
Status : Answered
Chosen Option : 1

Q.18 India got its first 3D Smart Traffic Signal System in August 2019. This system was designed by students of ____.

- Ans ☒ 1. Chitkara University
☐ 2. IISC-Bangalore
☐ 3. I.K. Gujral Punjab Technical University
☐ 4. IIT-Mumbai

Question ID : 424429890
Status : Not Answered
Chosen Option : --

Q.19 Who among the following was dropped from the All India Council of Sports (AICS) in January 2020 for not being "active" enough?

- Ans
- ☐ 1. K Srikanth
 - ☐ 2. Pullela Gopichand
 - ☒ 3. Viswanathan Anand
 - ☐ 4. Harbajan Singh

Question ID : 424429907

Status : Not Answered

Chosen Option : --

Q.20 Who is the author of the book 'Reset: Regaining India's Economic Legacy'?

- Ans
- ☐ 1. Abhijeet Banerjee
 - ☐ 2. Raghuram Rajan
 - ☐ 3. Suketu Mehta
 - ☒ 4. Subramanian Swamy

Question ID : 424429904

Status : Not Answered

Chosen Option : --

Q.21 Which of the following statements is NOT correct about Rajya Sabha?

- Ans
- ☒ 1. It can amend a money bill.
 - ☐ 2. Twelve of its members are nominated by the President.
 - ☐ 3. It has powers that protect the rights of states against the union.
 - ☐ 4. It is the upper house of the Parliament of India.

Question ID : 424429906

Status : Answered

Chosen Option : 1

Q.22 Who among the following won the 'JCB Prize for Literature 2019'?

- Ans
- ☐ 1. Akkitham Achuthan Namboothiri
 - ☒ 2. Madhuri Vijay
 - ☐ 3. Shanta Gokhale
 - ☐ 4. Manu S Pillai

Question ID : 424429903

Status : Not Answered

Chosen Option : --

Q.23 Third generation computers used:

- Ans
- ☒ 1. Transistors
 - ☒ 2. integrated circuits
 - ☒ 3. vacuum tubes
 - ☒ 4. VLSI technique

Question ID : 424429886
Status : Not Answered
Chosen Option : --

Q.24 1° latitude is equal to approximately _____ km.

- Ans
- ☒ 1. 122
 - ☒ 2. 145
 - ☒ 3. 111
 - ☒ 4. 133

Question ID : 424429900
Status : Answered
Chosen Option : 3

Q.25 Carbon and energy requirements of autotrophic organisms are fulfilled by the process of:

- Ans
- ☒ 1. Biosynthesis
 - ☒ 2. Photosynthesis
 - ☒ 3. Photoautotrophs
 - ☒ 4. Hibernation

Question ID : 424429894
Status : Answered
Chosen Option : 2