

## Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ 2 Mathura Road
Exam Date	14/10/2020
Exam Time	1:00 PM - 2:00 PM
Subject	CHSL Tier 1

Section : English Language (Basic Knowledge)

Q.1 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Separate
  - ☒ 2. Marriage
  - ☒ 3. Intriguing
  - ☒ 4. Symphony

Question ID : 424429525

Status : Answered

Chosen Option : 3

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

I use baking soda to remove stains from my clothes.

- Ans
- ☒ 1. Baking soda is used by me to remove stains from my clothes.
  - ☒ 2. I have been using baking soda to remove stains from my clothes.
  - ☒ 3. Baking soda was used by me to remove stains from my clothes.
  - ☒ 4. Baking soda is being used by me to remove stains from my clothes.

Question ID : 424429506

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. It is also very sad that ill-treatment is meted out to one of your gifts, and everyone indulges in excess!"
- B. "I can't take it anymore," he complained. "People abuse me and exploit me, and there is no respect for me – no realisation that I am your prasadam to men!
- C. An ancient story tells us that the God of Food came before the Divine Presence, battered, exhausted, and downcast.
- D. The Lord smiled and said to him, "Those who abuse you and indulge in excess are destroying themselves."

- Ans
- ☒ 1. CBAD
  - ☒ 2. ACDB
  - ☒ 3. CABD
  - ☒ 4. BADC

Question ID : 424429517

Status : Answered

Chosen Option : 1

Q.4 Select the correct indirect form of the given sentence.

Aanya said, "I've made a rose and honey vanilla dessert for you."

- Ans
- ☐ 1. Aanya said to me that she was making a rose and honey vanilla dessert for me.
  - ☐ 2. Aanya told me that she would make a rose and honey vanilla dessert for her.
  - ☐ 3. Aanya told me that she is making a rose and honey vanilla dessert for me.
  - ☒ 4. Aanya told me that she had made a rose and honey vanilla dessert for me.

Question ID : 424429507

Status : Answered

Chosen Option : 4

**Comprehension:**

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

One fireman died while 14 others had a narrow escape when a part of the factory-cum-outlet of a well-known battery (1)\_\_\_\_\_ firm where they were battling a major (2)\_\_\_\_\_ collapsed following a series of sudden explosions in west Delhi. The brave fireman who had joined the department last year and got married (3)\_\_\_\_\_, was buried under a pile of debris following explosions which were (4)\_\_\_\_\_ by a compressor burst. The fireman died due to (5)\_\_\_\_\_ bleeding and smoke inhalation. It took firemen five hours to pull his body out of the debris.

SubQuestion No : 5

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

- Ans
- ☐ 1. manufactured
  - ☒ 2. manufacturing
  - ☐ 3. manufacturable
  - ☐ 4. manufactures

Question ID : 424429511

Status : Answered

Chosen Option : 2

**Comprehension:**

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

One fireman died while 14 others had a narrow escape when a part of the factory-cum-outlet of a well-known battery (1)\_\_\_\_\_ firm where they were battling a major (2)\_\_\_\_\_ collapsed following a series of sudden explosions in west Delhi. The brave fireman who had joined the department last year and got married (3)\_\_\_\_\_, was buried under a pile of debris following explosions which were (4)\_\_\_\_\_ by a compressor burst. The fireman died due to (5)\_\_\_\_\_ bleeding and smoke inhalation. It took firemen five hours to pull his body out of the debris.

SubQuestion No : 6

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

- Ans
- ☐ 1. trouble
  - ☒ 2. blaze
  - ☐ 3. ruin
  - ☐ 4. fracture

Question ID : 424429512

Status : Answered

Chosen Option : 2

**Comprehension:**

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

One fireman died while 14 others had a narrow escape when a part of the factory-cum-outlet of a well-known battery (1)\_\_\_\_\_ firm where they were battling a major (2)\_\_\_\_\_ collapsed following a series of sudden explosions in west Delhi. The brave fireman who had joined the department last year and got married (3)\_\_\_\_\_, was buried under a pile of debris following explosions which were (4)\_\_\_\_\_ by a compressor burst. The fireman died due to (5)\_\_\_\_\_ bleeding and smoke inhalation. It took firemen five hours to pull his body out of the debris.

**SubQuestion No : 7**

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

- Ans
- ☒ 1. generously
  - ☒ 2. eventually
  - ☒ 3. evidently
  - ☒ 4. recently

Question ID : 424429513

Status : Answered

Chosen Option : 4

**Comprehension:**

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

One fireman died while 14 others had a narrow escape when a part of the factory-cum-outlet of a well-known battery (1)\_\_\_\_\_ firm where they were battling a major (2)\_\_\_\_\_ collapsed following a series of sudden explosions in west Delhi. The brave fireman who had joined the department last year and got married (3)\_\_\_\_\_, was buried under a pile of debris following explosions which were (4)\_\_\_\_\_ by a compressor burst. The fireman died due to (5)\_\_\_\_\_ bleeding and smoke inhalation. It took firemen five hours to pull his body out of the debris.

**SubQuestion No : 8**

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

- Ans
- ☒ 1. amazed
  - ☒ 2. triggered
  - ☒ 3. advocated
  - ☒ 4. horrified

Question ID : 424429514

Status : Answered

Chosen Option : 2

**Comprehension:**

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

One fireman died while 14 others had a narrow escape when a part of the factory-cum-outlet of a well-known battery (1)\_\_\_\_\_ firm where they were battling a major (2)\_\_\_\_\_ collapsed following a series of sudden explosions in west Delhi. The brave fireman who had joined the department last year and got married (3)\_\_\_\_\_, was buried under a pile of debris following explosions which were (4)\_\_\_\_\_ by a compressor burst. The fireman died due to (5)\_\_\_\_\_ bleeding and smoke inhalation. It took firemen five hours to pull his body out of the debris.

**SubQuestion No : 9**

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

- Ans
- ☒ 1. towering
  - ☒ 2. lavish
  - ☒ 3. exorbitant
  - ☒ 4. excessive

Question ID : 424429515

Status : Answered

Chosen Option : 4

**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'.

Doctors at the AIIMS Trauma Centre managed to save the life of 12 year old archer Shivangini, whose were struck by an arrow in the neck during a practice session.

- Ans
- ☒ 1. who was struck
  - ☒ 2. No improvement
  - ☒ 3. which was struck
  - ☒ 4. who was striked

Question ID : 424429519

Status : Answered

Chosen Option : 1

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

**PREJUDICE**

- Ans
- ☒ 1. Tolerance
  - ☒ 2. Justice
  - ☒ 3. Bias
  - ☒ 4. Advantage

Question ID : 424429528

Status : Answered

Chosen Option : 3

**Q.12** Select the most appropriate ANTONYM of the given word.

**DISAPPROVE**

- Ans
- ☒ 1. Refuse
  - ☒ 2. Commend
  - ☒ 3. Oppose
  - ☒ 4. Neglect

Question ID : 424429520

Status : Answered

Chosen Option : 2

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

I found the scene of some people making fun of a beggar quite \_\_\_\_.

- Ans
- ☒ 1. destructive
  - ☒ 2. repulsive
  - ☒ 3. admirable
  - ☒ 4. sociable

Question ID : 424429531

Status : Answered

Chosen Option : 2

Q.14 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Disapprove
  - ☒ 2. Allegation
  - ☒ 3. Permanent
  - ☒ 4. Grammer

Question ID : 424429524

Status : Answered

Chosen Option : 4

Q.15 Select the word which means the same as the group of words given.

One who tells future from the stars

- Ans
- ☒ 1. Astrologer
  - ☒ 2. Philanthropist
  - ☒ 3. Miser
  - ☒ 4. Personification

Question ID : 424429527

Status : Answered

Chosen Option : 1

Q.16 Select the most appropriate ANTONYM of the given word.

PROVOKE

- Ans
- ☒ 1. Appease
  - ☒ 2. Beckon
  - ☒ 3. Encourage
  - ☒ 4. Stimulate





Question ID : 424429521

Status : Answered

Chosen Option : 2

Q.17 Select the most appropriate meaning of the given idiom.

**Jump on the bandwagon**

- Ans  1. Do something because circumstances force you to
-  2. Get involved in an activity because it is likely to succeed
-  3. Get engaged in an activity that is very important
-  4. Do an activity that is fun

Question ID : 424429523

Status : Answered

Chosen Option : 2

Q.18 In the given sentence, identify the segment which contains the grammatical error.

**The performance of our players is worst than I had expected.**

- Ans  1. The performance
-  2. our players
-  3. I had
-  4. worst than





Question ID : 424429508

Status : Answered

Chosen Option : 4

Q.19 Select the most appropriate meaning of the given idiom.

**Add insult to injury**

- Ans  1. Hurt someone physically
-  2. Make a bad situation even worse
-  3. Say words that are very offensive
-  4. Play a prank on someone

Question ID : 424429522

Status : Answered

Chosen Option : 2

Q.20 Select the most appropriate synonym of the given word.

**PERSECUTION**

- Ans  1. Affliction
-  2. Perfection
-  3. Oppression
-  4. Stimulation

Question ID : 424429529

Status : Answered

Chosen Option : 3

Q.21 In the given sentence, identify the segment which contains the grammatical error.

A panel has been formed to look within the security needs of college students.

- Ans
- ☒ 1. of college students
  - ☒ 2. the security needs
  - ☒ 3. to look within
  - ☒ 4. has been formed

Question ID : 424429509

Status : Answered

Chosen Option : 3

Q.22 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'.

She is quite capable of looking after herself, aren't she?

- Ans
- ☒ 1. isn't she
  - ☒ 2. won't she
  - ☒ 3. No improvement
  - ☒ 4. wasn't she

Question ID : 424429518

Status : Answered

Chosen Option : 1

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

The scientist, who is known for his \_\_\_\_\_ ideas on space travel, is much admired.

- Ans
- ☒ 1. anarchist
  - ☒ 2. ridiculous
  - ☒ 3. revolutionary
  - ☒ 4. malicious

Question ID : 424429530

Status : Answered

Chosen Option : 3

Q.24 Select the word which means the same as the group of words given.

Movement of people or animals from one area to another

- Ans
- ☒ 1. Acclimatisation
  - ☒ 2. Migration
  - ☒ 3. Population
  - ☒ 4. Diversification

Question ID : 424429526

Status : Answered

Chosen Option : 2

Q.25 Given below are four jumbled sentences. Pick the option that gives their correct order.

- A. When we wish to achieve something, we cannot expect success in a moment.
- B. It is the same with any great achievement.
- C. It took several years to build Rome and bring it to the state of glory.
- D. Rome, the greatest city of ancient world was not built in a short time.

Ans  1. ABCD  
 2. CDAB  
 3. BACD  
 4. DCBA

Question ID : 424429516


Status : Answered

Chosen Option : 4

Section : General Intelligence

Q.1 Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.

- 1. Elbow
- 2. Shoulders
- 3. Eyes
- 4. Feet
- 5. Knee

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





Question ID : 424429539

Status : Answered

Chosen Option : 3

Q.2 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

a \_ ccde \_ \_ bc \_ \_ eaabc \_ \_ aabc \_ \_ ee

Ans  1. abbaacdeecdecd  
 2. abeaacdecdeecd  
 3. acbdecdeaacecd  
 4. abcddecdeecdeaa

Question ID : 424429544

Status : Answered

Chosen Option : 2

Q.3 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. OMANI  
 2. EVOLV  
 3. AMANA  
 4. UGALI

Question ID : 424429547

Status : Not Answered

Chosen Option : --



**Q.4** In a grocery shop the number of vegetables is three times the number of fruits. Which among the following number correctly represents the total number of fruits and vegetables in the shop?

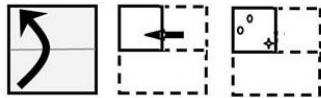
- Ans**
- ☒ 1. 42
  - ☒ 2. 60
  - ☒ 3. 50
  - ☒ 4. 39

Question ID : 424429532

Status : **Answered**

Chosen Option : 2

**Q.5** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



**Ans**

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 424429554

Status : **Answered**

Chosen Option : 3

**Q.6** Introducing Shikha, Arvind said, "The only daughter of her mother is my son's wife". How is Arvind related to Shikha?

- Ans**
- ☒ 1. Mother
  - ☒ 2. Father-in-Law
  - ☒ 3. Father
  - ☒ 4. Uncle

Question ID : 424429545

Status : **Answered**

Chosen Option : 2

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

8, 11, 15, 23, 40, 73, ?

- Ans**
-  1. 113
  -  2. 131
  -  3. 93
  -  4. 122

Question ID : 424429537

Status : **Not Answered**

Chosen Option : --

**Q.8** Four words have been given out of which three are alike in some manner and one is different. Select the odd one.

- Ans**
-  1. Oyster
  -  2. Shark
  -  3. Salmon
  -  4. Cod





Question ID : 424429548

Status : **Answered**

Chosen Option : 1

**Q.9** 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.

Sheep : Flock





- Ans**
-  1. River : Sea
  -  2. City : District
  -  3. Fish : Shoal
  -  4. Man : Human

Question ID : 424429546

Status : **Answered**

Chosen Option : 3

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

- Ans**
-  1. 8
  -  2. 9
  -  3. 529
  -  4. 49

Question ID : 424429538

Status : **Answered**

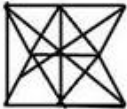
Chosen Option : 1

**Q.11** Select the option in which the given figure is embedded (rotation is not allowed).



**Ans**

☒ 1.



☒ 2.



☒ 3.



☒ 4.



Question ID : 424429553

Status : Answered

Chosen Option : 3

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

JUST : IWPX :: AWAY : ?

**Ans**

☒ 1. ZYXC

☒ 2. WYAA

☒ 3. AYWC

☒ 4. AAYW

Question ID : 424429542

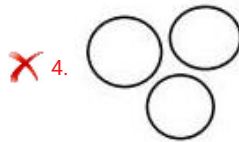
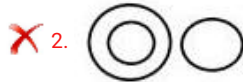
Status : Answered

Chosen Option : 1

**Q.13** Select the Venn diagram that best represents the relationship between the following classes.

Animals, Cows, Dogs

**Ans**

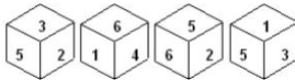


Question ID : 424429556

Status : **Answered**

Chosen Option : 1

**Q.14** Four different positions of the same dice are shown. Select the number that will be on the face opposite to the one having 5.



**Ans**

✗ 1. 1

✓ 2. 4

✗ 3. 6

✗ 4. 2

Question ID : 424429550

Status : **Answered**

Chosen Option : 2

**Q.15** Select the number that can replace the question mark (?) in the following series.

8, 17, 9, 19, 10, 21, ?, ?

**Ans**

✗ 1. 11, 22

✗ 2. 11, 24

✓ 3. 11, 23

✗ 4. 10, 23

Question ID : 424429534

Status : **Answered**

Chosen Option : 3

**Q.16** Select the option that is related to the fourth term in the same way as the first term is related to the second term.

TIGER : CAT :: ? : DOG

- Ans ☒ 1. Jaguar  
☒ 2. Fox  
☒ 3. Lion  
☒ 4. Lynx

Question ID : 424429543

Status : Answered

Chosen Option : 2

**Q.17** How many triangles are there in the given figure?



- Ans ☒ 1. 25  
☒ 2. 20  
☒ 3. 27  
☒ 4. 38

Question ID : 424429552

Status : Answered

Chosen Option : 3

**Q.18** If in a certain code language, SITUATION is written as 133 and RIGHT is written as 67, then how will CONSTITUTION be written as in that language?

- Ans ☒ 1. 167  
☒ 2. 179  
☒ 3. 184  
☒ 4. 132

Question ID : 424429541

Status : Answered

Chosen Option : 3

**Q.19** In a certain code language, LIFE is written as MOGI. How will SOUP be written as in the same language?

- Ans ☒ 1. TUVO  
☒ 2. TUAQ  
☒ 3. TATU  
☒ 4. TUOQ

Question ID : 424429540

Status : Answered

Chosen Option : 1

Q.20 Select the figure that will come next in the following figure series.



Ans



Question ID : 424429551

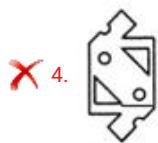
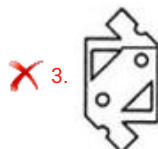
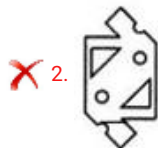
Status : Answered

Chosen Option : 3

Q.21 Select the correct mirror image of the given figure when the mirror is placed to its right side.



Ans



Question ID : 424429555

Status : Answered

Chosen Option : 1

**Q.22** Select the option in which the number set shares the same relationship as that shared by the given number set.

(2, 41, 7)

- Ans  1. (9, 92, 11)  
 2. (6, 36, 9)  
 3. (4, 57, 11)  
 4. (8, 81, 11)





Question ID : 424429536

Status : **Not Answered**

Chosen Option : --

**Q.23** Which two signs should be interchanged in the following equation to make it correct?

$$6 + 7 \times 8 - 21 \div 7 = 47$$

- Ans  1. + and -  
 2. ÷ and ×  
 3. ÷ and -  
 4. + and ×

Question ID : 424429533

Status : **Answered**

Chosen Option : 4

**Q.24** Select the option that is related to the third number in the same way as the second number is related to the first number

10 : 1010 :: 11 : ?

- Ans  1. 131  
 2. 1342  
 3. 132  
 4. 1320

Question ID : 424429535

Status : **Answered**

Chosen Option : 2

**Q.25** 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:**

I. Some books are tables.

II. All tables are chairs.

**Conclusions:**

- I. All books are chairs.  
II. Some books are chairs.  
III. Some tables are book.  
IV. All chairs are book.

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

Question ID : 424429549

Status : **Answered**

Chosen Option : 3

Q.1

If  $\frac{3^{a+3} \times 4^{a+6} \times 25^{a+1}}{27^{a-1} \times 8^{a-2} \times 125^{a+4}} = \frac{4}{15^{26}}$ , then the value of  $\sqrt{a+9}$  is:

Ans

- ✓ 1. 5  
 ✗ 2. 6  
 ✗ 3. 8  
 ✗ 4. 4

Question ID : 424429571

Status : Answered

Chosen Option : 1

Q.2

The value of  $5\sqrt{3} + 7\sqrt{2} - \sqrt{6} - \frac{23}{\sqrt{2} + \sqrt{3} + \sqrt{6}}$  is:

Ans

- ✗ 1. 16  
 ✗ 2. 0  
 ✗ 3. 10  
 ✓ 4. 12

Question ID : 424429572

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.3

A man takes a loan of some amount at some rate of simple interest. After three years, the loan amount is doubled and rate of interest is decreased by 2%. After 5 years, if the total interest paid on the whole is ₹13,600, which is equal to the same when the first amount was taken for  $11\frac{1}{3}$  years, then the loan taken initially is:

Ans

- ✗ 1. ₹13,600  
 ✗ 2. ₹12,500  
 ✗ 3. ₹12,000  
 ✓ 4. ₹10,000

Question ID : 424429565

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.4

If  $x + y = 14$ ;  $x^3 + y^3 = 1064$ , then the value of  $(x - y)^2$  is:

Ans

- ✓ 1. 36  
 ✗ 2. 64  
 ✗ 3. 81  
 ✗ 4. 100

Question ID : 424429570

Status : Answered

Chosen Option : 1



Q.5 If  $\tan^4 x - \tan^2 x = 1$ , then the value of  $\sin^4 x + \sin^2 x$  is:

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

Question ID : 424429577  
Status : Answered  
Chosen Option : 1

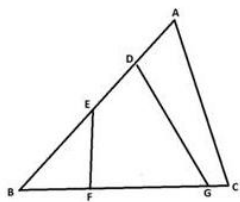
Q.6 Which of the following values suits for A to make the equation  $\frac{A \tan 62^\circ \sec 28^\circ \cot 38^\circ}{\operatorname{cosec} 62^\circ \tan 11^\circ} = 1$  true?

- Ans
- ✗ 1.  $\frac{\tan 28^\circ \tan 79^\circ}{\tan 38^\circ}$
  - ✗ 2.  $\frac{\tan 38^\circ \tan 79^\circ}{\tan 28^\circ}$
  - ✓ 3.  $\frac{\tan 28^\circ \tan 38^\circ}{\tan 79^\circ}$
  - ✗ 4.  $\frac{\tan 38^\circ}{\tan 79^\circ \tan 28^\circ}$

Question ID : 424429576  
Status : Answered  
Chosen Option : 3

Q.7 In the given figure, if  $AD = 3$ ,  $DE = 4$ ,  $AB = 12$ ,  $BF = 2$ ,  $FG = 6$ ,  $BC = 10$ , then the value of  $\frac{M}{N}$  is:

(Assume: M is the area of the quadrilateral FGDE and N is the area of the triangle ABC.)



- Ans
- ✗ 1.  $\frac{1}{2}$
  - ✗ 2.  $\frac{1}{3}$
  - ✗ 3.  $\frac{25}{49}$
  - ✓ 4.  $\frac{31}{60}$

Question ID : 424429568  
Status : Answered  
Chosen Option : 4

**Q.8** A crate of fruits contains one spoiled fruit for every 25 fruits. 60% of the spoiled fruits were sold. If the seller had sold 48 spoiled fruits, then the number of fruits in the crate were:

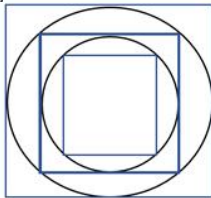
- Ans**
- ☒ 1. 3000
  - ☒ 2. 2000
  - ☒ 3. 1200
  - ☒ 4. 2400

Question ID : 424429562

Status : Answered

Chosen Option : 2

**Q.9**



In the given figure, the ratio of the area of the largest square to that of the smallest square is:

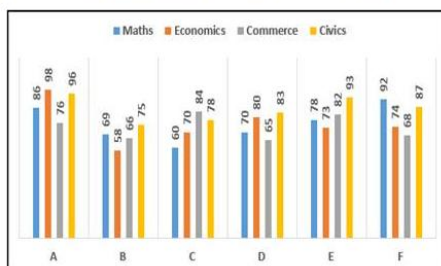
- Ans**
- ☒ 1. 4 : 1
  - ☒ 2. 3 : 1
  - ☒ 3. 2 : 1
  - ☒ 4.  $\sqrt{2} : 1$

Question ID : 424429566

Status : Answered

Chosen Option : 1

**Q.10** The following bar graph shows the marks (out of 100) of students A, B, C, D, E and F in the subjects mentioned.



Based on this, only 2 students crossed the average marks in the subject:

- Ans**
- ☒ 1. Maths
  - ☒ 2. Commerce
  - ☒ 3. Civics
  - ☒ 4. Economics

Question ID : 424429579

Status : Not Answered

Chosen Option : --

**Q.11** Water flows into a tank  $180\text{ m} \times 140\text{ m}$  through a rectangular pipe of  $1.2\text{ m} \times 0.75\text{ m}$  at a rate of  $15\text{ km/h}$ . In what time will the water rise by  $4\text{ m}$ ?

- Ans**
- ✓ 1. 7 hours 28 minutes
  - ✗ 2. 6 hours 42 minutes
  - ✗ 3. 8 hours 12 minutes
  - ✗ 4. 5 hours 46 minutes

Question ID : 424429559

Status : Answered

Chosen Option : 1

**Q.12** A train travels the distance between stations P and Q at a speed of  $126\text{ km/h}$ , while in the opposite direction it comes back at  $90\text{ km/h}$ . Another train travels the same distance at the average speed of the first train. The time taken by the second train to travel  $525\text{ km}$  is:

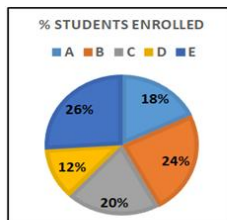
- Ans**
- ✗ 1. 4 hours 20 min
  - ✗ 2. 5 hours 20 min
  - ✓ 3. 5 hours
  - ✗ 4. 4 hours

Question ID : 424429558

Status : Answered

Chosen Option : 3

**Q.13** The given pie chart shows the percentage of students enrolled for the courses A, B, C, D and E in a university and the table shows the percentage of students that passed, out of the enrolled students.



Courses	% passed out
A	76
B	82
C	80
D	90
E	75

If the total number of students is  $60000$ , then the total number of students who did not pass in the courses A, C is:

- Ans**
- ✗ 1. 7852
  - ✓ 2. 4992
  - ✗ 3. 8254
  - ✗ 4. 7628

Question ID : 424429580

Status : Not Answered

Chosen Option : --

**Q.14** The difference between the selling prices of some articles if sold for ₹12 per article instead of ₹9 per article is ₹150. If the cost price of these articles is ₹250, then find the selling price of 21 articles if profit earned is 20%.

- Ans**
- ✓ 1. ₹126
  - ✗ 2. ₹125
  - ✗ 3. ₹130
  - ✗ 4. ₹136

Question ID : 424429563

Status : Answered

Chosen Option : 1

**Q.15** If the 8-digit number  $1a765b12$  is to be divisible by 72, the least value of  $(2a + 3b)$  is:

- Ans ☒ 1. 11  
☐ 2. 10  
☐ 3. 9  
☐ 4. 12

Question ID : 424429573

Status : Answered

Chosen Option : 1

**Q.16** If 27 people, working 8 hours a day, can complete a task in 12 days, then in how many days will 18 people finish the task, working 9 hours a day?

- Ans ☐ 1. 15 days  
☐ 2. 20 days  
☒ 3. 16 days  
☐ 4. 18 days

Question ID : 424429557

Status : Answered

Chosen Option : 3

**Q.17** If A and B are acute angles and  $\sec A = 3$ ;  $\cot B = 4$ , then the value of  $\frac{\csc^2 A + \sin^2 B}{\cot^2 A + \sec^2 B}$  is:

- Ans ☐ 1.  $\frac{25}{261}$   
☒ 2.  $\frac{322}{323}$   
☐ 3.  $\frac{1}{261}$   
☐ 4. 2

Question ID : 424429575

Status : Not Answered

Chosen Option : --

**Q.18** If the single discount equivalent to successive discounts of 20% and  $x\%$  is 24%, then the value of  $x$  is:

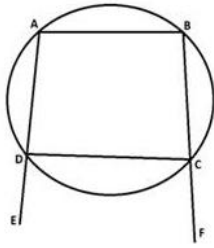
- Ans ☐ 1. 6%  
☒ 2. 5%  
☐ 3. 4%  
☐ 4. 8%

Question ID : 424429561

Status : Not Answered

Chosen Option : --

Q.19 In the given figure, chords AD and BC in the circle, are extended to E and F, respectively.



If  $\angle CDE = 85^\circ$ ;  $\angle DCF = 94^\circ$ , then the value of  $\angle ABF + \angle EAB$  is:

- Ans
- ☒ 1.  $194^\circ$
  - ☒ 2.  $179^\circ$
  - ☒ 3.  $168^\circ$
  - ☒ 4.  $182^\circ$

Question ID : 424429567

Status : Not Answered

Chosen Option : --

Q.20

The value of  $\left[ 5\frac{4}{9} \div \left( \frac{11}{4} - \frac{13}{6} \right)^2 \right] \div \left[ 7\frac{3}{11} \text{ of } 8\frac{4}{5} \div 1\frac{5}{7} - \frac{4}{3} \right]^2$  is:

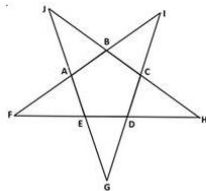
- Ans
- ☒ 1.  $\frac{1}{61}$
  - ☒ 2.  $\frac{1}{91}$
  - ☒ 3.  $\frac{1}{71}$
  - ☒ 4.  $\frac{1}{81}$

Question ID : 424429574

Status : Not Answered

Chosen Option : --

Q.21 ABCDE is a regular pentagon. Its sides are extended as shown in the figure. The value of  $\frac{\angle ABC + 2\angle EGD + 3\angle BAJ}{6}$  is:



- Ans
- ☒ 1.  $30^\circ$
  - ☒ 2.  $75^\circ$
  - ☒ 3.  $66^\circ$
  - ☒ 4.  $45^\circ$

Question ID : 424429569

Status : Not Answered

Chosen Option : --

**Q.22** Dividing the amount ₹18,144 among three people A, B, C in the ratio 3 : 5 : 8, the amount B gets more than A, is:

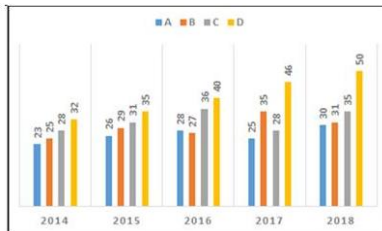
- Ans ☒ 1. ₹2,268  
☐ 2. ₹2,386  
☐ 3. ₹2,178  
☐ 4. ₹2,464

Question ID : 424429564

Status : Not Answered

Chosen Option : --

**Q.23** The following bar graph shows the data of the production of an item (in thousand tonnes) from four different companies A, B, C and D during the years mentioned.



In the five years given, the average production is highest in company \_\_\_\_\_ and lowest in company \_\_\_\_\_, respectively.

- Ans ☐ 1. A; B  
☐ 2. C; A  
☐ 3. B; C  
☒ 4. D; A

Question ID : 424429581

Status : Not Answered

Chosen Option : --

**Q.24** The sum of 17 consecutive numbers is 289. The sum of another 10 consecutive numbers, whose first term is 5 more than the average of the first set of consecutive numbers, is:

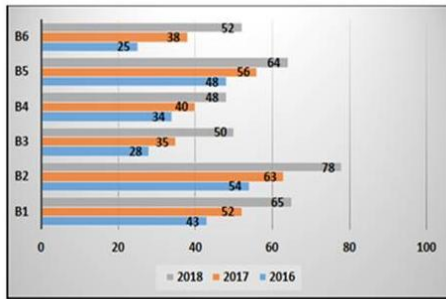
- Ans ☐ 1. 300  
☐ 2. 285  
☒ 3. 265  
☐ 4. 315

Question ID : 424429560

Status : Not Answered

Chosen Option : --

**Q.25** The following graph shows the data of the collection of interest on loans (in crore ₹) by six branches B1, B2, B3, B4, B5 and B6 of a bank during the years mentioned.



Based on the information, from the year 2016 to 2017, the highest rate of collection is for the branch:

- Ans
- ☒ 1. B4
  - ☒ 2. B6
  - ☒ 3. B3
  - ☒ 4. B1

Question ID : 424429578  
Status : Not Answered  
Chosen Option : --

Section : General Awareness

**Q.1** Who among the following wrote 'Akbar Nama'?

- Ans
- ☒ 1. Akbar
  - ☒ 2. Abul Fazl
  - ☒ 3. Amir Khushro
  - ☒ 4. Birbal

Question ID : 424429598  
Status : Answered  
Chosen Option : 2

**Q.2** Which of the following units is used for the measurement of Luminous Intensity?

- Ans
- ☒ 1. Candela
  - ☒ 2. Mole
  - ☒ 3. Ampere
  - ☒ 4. Kelvin

Question ID : 424429592  
Status : Answered  
Chosen Option : 1

**Q.3** Which of the following is a well known place for Chikankari embroidery?

- Ans
- ☒ 1. Indore
  - ☒ 2. Raipur
  - ☒ 3. Ranchi
  - ☒ 4. Lucknow

Question ID : 424429584  
Status : Not Answered  
Chosen Option : --

Q.4 Who among the following is credited with the discovery of neutrons?

- Ans
- ☒ 1. E Rutherford
  - ☒ 2. J Chadwick
  - ☒ 3. James P Joule
  - ☒ 4. JJ Thomson

Question ID : 424429591  
Status : Answered  
Chosen Option : 2

Q.5 In context of computing, what is the full form of URL?

- Ans
- ☒ 1. Undistributed Resource Locator
  - ☒ 2. Uniform Region Locator
  - ☒ 3. Unified Resource Locator
  - ☒ 4. Uniform Resource Locator

Question ID : 424429583  
Status : Answered  
Chosen Option : 4

Q.6 Which of the following passes cuts through Pir Panjal range and links Manali and Leh by road?

- Ans
- ☒ 1. Baralachala Pass
  - ☒ 2. Rohtang Pass
  - ☒ 3. Nathula Pass
  - ☒ 4. Banihal Pass

Question ID : 424429596  
Status : Not Answered  
Chosen Option : --

Q.7 Which of the following teams won the 2018-19 Santosh Trophy?

- Ans
- ☒ 1. Railways
  - ☒ 2. Mizoram
  - ☒ 3. Services
  - ☒ 4. Punjab

Question ID : 424429605  
Status : Not Answered  
Chosen Option : --

Q.8 Where is Bishnupur, which is famous for terracotta temples, located?

- Ans
- ☒ 1. Rajasthan
  - ☒ 2. Gujarat
  - ☒ 3. West Bengal
  - ☒ 4. Assam

Question ID : 424429585  
Status : Not Answered  
Chosen Option : --



Q.9 Which of the following words was inserted in the Preamble by the Constitution (42nd Amendment) Act, 1976?

- Ans
- ☐ 1. Equality
  - ☒ 2. Socialist
  - ☐ 3. Liberty
  - ☐ 4. Justice

Question ID : 424429603  
Status : Answered  
Chosen Option : 2

Q.10 Who among the following won the 'Golden Globe 2020 award' for 'Best Performance by an Actress in a Motion Picture – Drama'?

- Ans
- ☐ 1. Cynthia Erivo
  - ☒ 2. Renée Zellweger
  - ☐ 3. Beanie Feldstein
  - ☐ 4. Charlize Theron

Question ID : 424429588  
Status : Answered  
Chosen Option : 2

Q.11 Who among the following is responsible for preparation of National Income estimates in India?

- Ans
- ☐ 1. IRDA
  - ☐ 2. NITI Aayog
  - ☒ 3. Central Statistical Organization
  - ☐ 4. Finance Commission

Question ID : 424429590  
Status : Answered  
Chosen Option : 3

Q.12 Who among the following was the first non-Indian to receive the Bharat Ratna, the highest Indian honour that can be given to civilians?

- Ans
- ☐ 1. Mikhail Gorbachev
  - ☒ 2. Abdul Ghaffar Khan
  - ☐ 3. Nelson Mandela
  - ☐ 4. Josip Broz Tito

Question ID : 424429600  
Status : Not Answered  
Chosen Option : --

Q.13 In January 2020, the Yashaswini Scheme for Women Entrepreneurship was launched in Goa. The scheme aims to support female Self Help Groups (SHGs) with interest-free loans up to:

- Ans
- ☒ 1. ₹10 lakh
  - ☒ 2. ₹5 lakh
  - ☒ 3. ₹1 lakh
  - ☒ 4. ₹50 lakh

Question ID : 424429587

Status : Answered

Chosen Option : 2

Q.14 Which of the following articles of the Constitution of India was invoked by the Kerala government to file a petition against the Citizenship (Amendment) Act (CAA) in the Supreme Court on 14 January 2020?

- Ans
- ☒ 1. Article 17
  - ☒ 2. Article 131
  - ☒ 3. Article 23
  - ☒ 4. Article 368

Question ID : 424429586

Status : Not Answered

Chosen Option : --

Q.15 How many Indian biosphere reserves are included in the UNESCO World Network of Biosphere Reserves, as of October 2019?

- Ans
- ☒ 1. 14
  - ☒ 2. 11
  - ☒ 3. 17
  - ☒ 4. 9

Question ID : 424429597

Status : Not Answered

Chosen Option : --

Q.16 Which of the following is a tertiary economic activity?

- Ans
- ☒ 1. Weaving
  - ☒ 2. Trading
  - ☒ 3. Hunting
  - ☒ 4. Farming

Question ID : 424429589

Status : Answered

Chosen Option : 1

Q.17 Which of the following is a Rabi crop?

- Ans
- ☒ 1. Jowar
  - ☒ 2. Tur
  - ☒ 3. Bajra
  - ☒ 4. Wheat

Question ID : 424429594

Status : Not Answered

Chosen Option : --

Q.18 Which of the following freedom fighters was NOT involved in the Kakori Train Robbery?

Ans

- ☒ 1. Bhagat Singh
- ☐ 2. Ashfaqullah Khan
- ☐ 3. Chandrashekhar Azad
- ☐ 4. Ram Prasad Bismil

Question ID : 424429599

Status : Answered

Chosen Option : 3

Q.19 As of 15 January 2020, which of the following nations is the number one ranked team in the 'ICC Men's T20I Team Rankings'?

Ans

- ☒ 1. Pakistan
- ☐ 2. Australia
- ☐ 3. England
- ☐ 4. India

Question ID : 424429604

Status : Answered

Chosen Option : 3

Q.20 Which of the following is used to receive and send computer files over telephone lines?

Ans

- ☐ 1. MICR device
- ☐ 2. Floppy disk
- ☒ 3. Modem
- ☐ 4. Light pen

Question ID : 424429582

Status : Not Answered

Chosen Option : --

Q.21 As of 15 January 2020, who among the following was the number one ranked male tennis player in the ATP rankings?

Ans

- ☐ 1. Daniil Medvedev
- ☐ 2. Novak Djokovic
- ☐ 3. Roger Federer
- ☒ 4. Rafael Nadal

Question ID : 424429606

Status : Answered

Chosen Option : 2

Q.22 How many members of the Rajya Sabha can be nominated by the President of India?

Ans

- ☐ 1. 14 members
- ☐ 2. 16 members
- ☐ 3. 10 members
- ☒ 4. 12 members

Question ID : 424429602

Status : Answered

Chosen Option : 4

Q.23 Who among the following won ICC's 'Spirit of Cricket Award' for the year 2019?

Ans



1. Chris Gayle



2. Mahendra Singh Dhoni



3. Faf du Plessis



4. Virat Kohli

Question ID : 424429601

Status : Answered

Chosen Option : 4

Q.24 Which of the following elements occurs most abundantly in our universe?

Ans



1. Silicon



2. Oxygen



3. Nitrogen



4. Hydrogen

Question ID : 424429593

Status : Answered

Chosen Option : 4

Q.25 The Thar Desert, also known as the Great Indian Desert, lies towards the western margins of \_\_\_\_\_ hills.

Ans



1. Aravali



2. Javadi



3. Shevroy



4. Udgalakal

Question ID : 424429595

Status : Answered

Chosen Option : 1