

## Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	15/10/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CHSL Tier 1

### Section : English Language (Basic Knowledge)

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

AGITATE

- Ans ☒ 1. Calm  
☒ 2. Impress  
☒ 3. Argue  
☒ 4. Excite

Question ID : 8161612852

Status : Answered

Chosen Option : 1

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

HOLISTIC

- Ans ☒ 1. Comprehensive  
☒ 2. Sketchy  
☒ 3. Superficial  
☒ 4. Dissimilar

Question ID : 8161612861

Status : Not Answered

Chosen Option : --

Q.3 Select the most appropriate option to fill in the blank in the given sentence.

Over 7,50,000 people from 192 countries have pledged to go vegan for a month which, they say, would reduce carbon \_\_\_\_\_ by 45000 tons.

- Ans ☒ 1. omission  
☒ 2. inclusion  
☒ 3. emission  
☒ 4. exclusion

Question ID : 8161612862

Status : Answered

Chosen Option : 3

Q.4 Select the option that is the passive form of the given sentence.

The Principal gave her a warning about coming late to school every day.

- Ans
- ☒ 1. She gives a warning to the Principal about coming late to school every day.
  - ☒ 2. She has given a warning by the Principal about coming late to school every day.
  - ☒ 3. She was given a warning about coming late to school every day by the Principal.
  - ☒ 4. She was giving a warning by the Principal about coming late to school every day.

Question ID : 8161612838

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.

Simply put, happiness is satisfaction of mind. However, different individuals (1)\_\_\_\_\_ different perceptions of how to achieve (2)\_\_\_\_\_. For some, happiness lies (3)\_\_\_\_\_ wealth; for others, it is in (4)\_\_\_\_\_ and position; yet happiness is (5)\_\_\_\_\_ to most.

SubQuestion No : 5

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

- Ans
- ☒ 1. having
  - ☒ 2. have
  - ☒ 3. has
  - ☒ 4. had

Question ID : 8161612843

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.

Simply put, happiness is satisfaction of mind. However, different individuals (1)\_\_\_\_\_ different perceptions of how to achieve (2)\_\_\_\_\_. For some, happiness lies (3)\_\_\_\_\_ wealth; for others, it is in (4)\_\_\_\_\_ and position; yet happiness is (5)\_\_\_\_\_ to most.

SubQuestion No : 6

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

- Ans
- ☒ 1. happiness
  - ☒ 2. fame
  - ☒ 3. dream
  - ☒ 4. money

Question ID : 8161612844

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.

Simply put, happiness is satisfaction of mind. However, different individuals (1)\_\_\_\_\_ different perceptions of how to achieve (2)\_\_\_\_\_. For some, happiness lies (3)\_\_\_\_\_ wealth; for others, it is in (4)\_\_\_\_\_ and position; yet happiness is (5)\_\_\_\_\_ to most.

**SubQuestion No : 7**

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

- Ans
- ☒ 1. over
  - ☒ 2. in
  - ☒ 3. about
  - ☒ 4. on

Question ID : 8161612845

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.

Simply put, happiness is satisfaction of mind. However, different individuals (1)\_\_\_\_\_ different perceptions of how to achieve (2)\_\_\_\_\_. For some, happiness lies (3)\_\_\_\_\_ wealth; for others, it is in (4)\_\_\_\_\_ and position; yet happiness is (5)\_\_\_\_\_ to most.

**SubQuestion No : 8**

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

- Ans
- ☒ 1. satisfaction
  - ☒ 2. happiness
  - ☒ 3. mind
  - ☒ 4. rank

Question ID : 8161612846

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.

Simply put, happiness is satisfaction of mind. However, different individuals (1)\_\_\_\_\_ different perceptions of how to achieve (2)\_\_\_\_\_. For some, happiness lies (3)\_\_\_\_\_ wealth; for others, it is in (4)\_\_\_\_\_ and position; yet happiness is (5)\_\_\_\_\_ to most.

**SubQuestion No : 9**

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

- Ans
- ☒ 1. creative
  - ☒ 2. elusive
  - ☒ 3. probable
  - ☒ 4. fashionable

Question ID : 8161612847

Status : Answered

Chosen Option : 2

Q.10 Select the most appropriate synonym of the given word.

LURK

- Ans
- ☒ 1. Tremble
  - ☒ 2. Vibrate
  - ☒ 3. Prowl
  - ☒ 4. Sing

Question ID : 8161612860

Status : Answered

Chosen Option : 3

Q.11 Select the most appropriate meaning of the idiom

Looking for a needle in a haystack.

- Ans
- ☒ 1. Searching for small things to do
  - ☒ 2. Be interested in sewing and embroidery
  - ☒ 3. Attempting something impossible
  - ☒ 4. Suddenly deciding to do farming

Question ID : 8161612855

Status : Answered

Chosen Option : 3

Q.12 Select the most appropriate word to fill in the blank in the given sentence.

He is your brother, \_\_\_\_\_?

- Ans
- ☒ 1. is he
  - ☒ 2. is it
  - ☒ 3. isn't it
  - ☒ 4. isn't he


Question ID : 8161612863

Status : Answered

Chosen Option : 4

Q.13 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. While an average person lives up to 72 years of age, the life expectancy of doctors is only about 59 years, the shocking IMA study concluded.  
B. The sudden death of Dr. Meena Kumar at an International Conference in London after suffering a cardiac arrest has alarmed the medical community.  
C. She was a well-known medico recognised for her services as a consultant neurologist with a career of over 25 years.  
D. Her death brings to the fore the fact that even doctors have risky life-styles and a hard life, a study by the Indian Medical Association conducted on doctors, said.

- Ans  1. ABDC  
 2. DABC  
 3. CABD  
 4. BCDA

Question ID : 8161612848

Status : Answered

Chosen Option : 4

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

Relating to the healing of diseases

- Ans  1. Preventive  
 2. Immunity  
 3. Therapeutic  
 4. Inoculation

Question ID : 8161612859

Status : Answered

Chosen Option : 2

Q.15 Select the INCORRECTLY spelt word.

- Ans  1. Identification  
 2. Corruption  
 3. Embodiment  
 4. Discriminiation

Question ID : 8161612857

Status : Answered

Chosen Option : 4

Q.16 Select the correctly spelt word.

- Ans  1. Frequensy  
 2. Acquirum  
 3. Secquence  
 4. Bouquet

Question ID : 8161612856

Status : Answered

Chosen Option : 4

Q.17 Identify the segment in the given sentence which contains the grammatical error.

Have I ever told you what lovely pickles my grandmother used to made when she was in Visakhapatnam?

- Ans
- ☒ 1. used to made
  - ☐ 2. when she was in
  - ☐ 3. what lovely pickles
  - ☐ 4. Have I ever told you

Question ID : 8161612841

Status : Answered

Chosen Option : 1

Q.18 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 is a double-digit growth in salaries of vocational jobs now and the trend are likely to continue in the coming years.

- Ans
- ☐ 1. is likely for continuing
  - ☒ 2. is likely to continue
  - ☐ 3. is like to be continued
  - ☐ 4. No improvement

Question ID : 8161612851

Status : Answered

Chosen Option : 2

Q.19 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.

His uncle advised Naveen to keep away from involving himself in the controversy.

- Ans
- ☐ 1. that he keeps away for
  - ☒ 2. No improvement
  - ☐ 3. from keep away in
  - ☐ 4. for keep away from

Question ID : 8161612850

Status : Answered

Chosen Option : 2

Q.20 Select the word which means the same as the group of words given.

A group of people who have come together in a religious building for worship and prayer

- Ans
- ☒ 1. Congregation
  - ☐ 2. Throng
  - ☐ 3. Multitude
  - ☐ 4. Crowd

Question ID : 8161612858

Status : Answered

Chosen Option : 1

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

Anu jumped the gun and announced their plans at the dinner table.

- Ans ☒ 1. acted hastily  
☐ 2. ate quickly  
☐ 3. started shooting  
☐ 4. shouted loudly

Question ID : 8161612854  
Status : Answered  
Chosen Option : 1

Q.22 Identify the segment in the given sentence which contains the grammatical error.

Aryan told Sriram, "Don't worry I can be able to climb that tree to reach the fruit."

- Ans ☐ 1. to reach the fruit  
☒ 2. I can be able to  
☐ 3. Don't worry  
☐ 4. climb that tree

Question ID : 8161612840  
Status : Answered  
Chosen Option : 2

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

HEINOUS

- Ans ☒ 1. Agreeable  
☐ 2. Biased  
☐ 3. Unwilling  
☐ 4. Unhealthy

Question ID : 8161612853  
Status : Answered  
Chosen Option : 1

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

The child asked his mother if he could swim in the pool there.

- Ans ☒ 1. The child asked his mother, "May I swim in the pool here?"  
☐ 2. The child asked his mother, "Could he swim in the pool there?"  
☐ 3. The child asked to his mother, "Can he swim in the pool there?"  
☐ 4. The child said to his mother, "Will I swim in the pool here?"

Question ID : 8161612839  
Status : Answered  
Chosen Option : 1

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

- A. So, clearly, where you get your news from matters, since you can't possibly be expected to verify and authenticate every bit of 'news' you receive.  
B. Are you really sure those apparently sound bits of medical advice you received as forwards would pass muster with your doctor?  
C. Yet, we do often forward these in the belief that we are doing a good deed to our friends and relatives.  
D. Being educated is no guarantee against falling prey to fake news.

- Ans  1. CADB  
 2. DBCA  
 3. BACD  
 4. ACBD

Question ID : 8161612849

Status : Answered

Chosen Option : 2

Section : General Intelligence

Q.1 In a certain code language, TIFFIN is coded as 67 and BOX is coded as 44. How will CARDBOARD be coded as in that language?

- Ans  1. 69  
 2. 67  
 3. 66  
 4. 64

Question ID : 8161612873

Status : Answered

Chosen Option : 1





Q.2 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

1. All cars are motors.  
2. All motors are cycles.

**Conclusions:**

- I. All cycles are cars.  
II. All cars are cycles.

- Ans  1. Only conclusion II follows.  
 2. Neither conclusion I nor II follows.  
 3. Only conclusion I follows.  
 4. Both conclusions I and II follow.

Question ID : 8161612881

Status : Answered

Chosen Option : 1



**Q.3** Introducing a lady, Raman said, "She is the wife of my father's father-in-law". How is the lady related to Raman?

- Ans
- ☒ 1. Maternal aunt
  - ☐ 2. Maternal grandmother
  - ☐ 3. Mother in law
  - ☐ 4. Paternal grandmother

Question ID : 8161612877

Status : Answered

Chosen Option : 2

**Q.4** Select the option in which the numbers are related in the same way as are the numbers of the following set.

(26, 63, 124)

- Ans
- ☒ 1. (63, 124, 215)
  - ☐ 2. (125, 216, 343)
  - ☐ 3. (63, 123, 213)
  - ☐ 4. (126, 217, 344)

Question ID : 8161612867

Status : Answered

Chosen Option : 1

**Q.5** Study the given pattern carefully and select the number that can replace the question mark (?) in it.

150	25	100
132	22	88
162	?	108

- Ans
- ☐ 1. 29
  - ☒ 2. 27
  - ☐ 3. 30
  - ☐ 4. 24

Question ID : 8161612864

Status : Answered

Chosen Option : 2

**Q.6** Select the option in which the numbers are related in the same way as are the numbers of the following set.

(11, 57, 8)

**Ans** ✓ 1. (15, 81, 12)

✗ 2. (15, 38, 13)

✗ 3. (18, 89, 15)

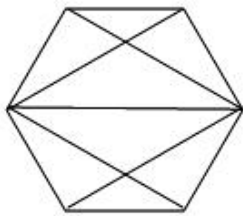
✗ 4. (12, 64, 10)

Question ID : 8161612868

Status : Answered

Chosen Option : 1

**Q.7** How many triangles are present in the following figure?



**Ans** ✓ 1. 16

✗ 2. 18

✗ 3. 12

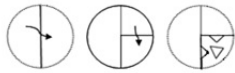
✗ 4. 14

Question ID : 8161612884

Status : Answered

Chosen Option : 2

**Q.8** 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 : 8161612886

Status : Answered

Chosen Option : 2

**Q.9** Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

12 : 64

**Ans**

☒ 1.

16 : 76

☒ 2.

14 : 72

☒ 3.

13 : 65

☒ 4.

11 : 56

Question ID : 8161612866

Status : Not Answered

Chosen Option : --

**Q.10** Select the Venn diagram that best illustrates the relationship between the following classes.

Fruits, Eatables, Cookies

Ans

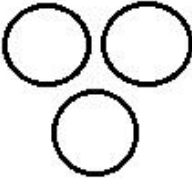
✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 8161612888

Status : Answered

Chosen Option : 1

**Q.11** Four different positions of the same dice are shown. Select the number that will be on the face opposite to the face having number '6'.



Ans

✗ 1. 1

✓ 2. 3

✗ 3. 5

✗ 4. 2

Question ID : 8161612882

Status : Answered

Chosen Option : 2

**Q.12** 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.

STOP : HGLK :: LAMB : ?

- Ans**
- ☒ 1. PYOX
  - ☒ 2. JYKZ
  - ☒ 3. OZNY
  - ☒ 4. NCOD

Question ID : 8161612874

Status : Answered

Chosen Option : 3

**Q.13** Which two signs should be interchanged in the following equation to make it correct?

$$78 \div 6 \times 4 - 3 + 9 = 10$$

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

Question ID : 8161612865

Status : Answered

Chosen Option : 3

**Q.14** Which letter-cluster will replace the question mark (?) to complete the following series?

PGD, SEE, VCF, ?, ?

- Ans**
- ☒ 1. YAH, BZH
  - ☒ 2. YAD, BYH
  - ☒ 3. YAG, BYH
  - ☒ 4. ZBD, CYI

Question ID : 8161612876

Status : Answered

Chosen Option : 3

**Q.15** Select the option in which the words share the same relationship as that shared by the given pair of words.

Syringe : Piston





- Ans**
- ☒ 1. Tyre : Tube
  - ☒ 2. Vehicle : Passenger
  - ☒ 3. Balloon : Air
  - ☒ 4. Bulb : Light

Question ID : 8161612878

Status : Answered





Chosen Option : 1

**Q.16** In a certain code language, HIMACHAL is written as LAHCAMIH. How will MAGNETIC be written as in that language?

- Ans  1. CITENGAM  
 2. ETICNGAM  
 3. CIETNGAM  
 4. GAMNECIT

Question ID : 8161612872  
Status : Answered  
Chosen Option : 1

**Q.17** 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. YVRO  
 2. ORVA  
 3. ADHM  
 4. ILPU

Question ID : 8161612880  
Status : Answered  
Chosen Option : 1

**Q.18** If '+' means '×'; '×' means '-'; '+' means '+' and '-' means '×'. Then find the value of following expression.



$$18 + 2 - 5 \times 6 \div 4 = ?$$

- Ans  1. 45  
 2. 43  
 3. 47  
 4. 12.5

Question ID : 8161612870  
Status : Answered  
Chosen Option : 2

**Q.19** Select the number that can replace the question mark (?) in the following series.

2, 2, 6, 10, 22, 42, ?

- Ans  1. 84  
 2. 64  
 3. 82  
 4. 86

Question ID : 8161612869  
Status : Answered  
Chosen Option : 4

**Q.20** 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. NKHEB
  - ☒ 2. SPMJG
  - ☒ 3. FHLQR
  - ☒ 4. UROLI

Question ID : 8161612879

Status : Answered

Chosen Option : 3

**Q.21** 'Umpire' is related to 'Pitch' in the same way as 'Mechanic' is related to '\_\_\_\_\_'.  
Ans

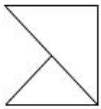
- ☒ 1. Machine
- ☒ 2. Garage
- ☒ 3. Repair
- ☒ 4. Spanner

Question ID : 8161612875

Status : Answered

Chosen Option : 2

**Q.22** Select the option in which the given figure is embedded. (Rotation is not allowed)



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 8161612885

Status : Answered

Chosen Option : 2

**Q.23** Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.



Ans

☒ 1.



☒ 2.



☒ 3.



☒ 4.



Question ID : 8161612887

Status : Answered

Chosen Option : 4

**Q.24** Which letter will replace the question mark (?) to complete the following series?

F, I, M, ?, X

Ans

☒ 1. T

☒ 2. Q

☒ 3. S

☒ 4. R

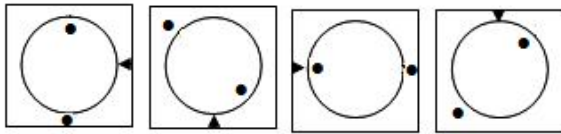
Question ID : 8161612871

Status : Answered

Chosen Option : 4

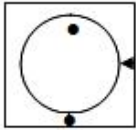


Q.25 Select the option figure that will come next in the following series.

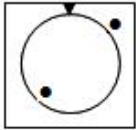


Ans

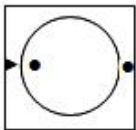
☒ 1.



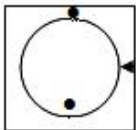
☒ 2.



☒ 3.



☒ 4.



Question ID : 8161612883

Status : Answered

Chosen Option : 4

Section : Quantitative Aptitude(Basic Arithmetic Skill)

Q.1 A circle is centred at O. Two tangents AP and AQ are drawn from an external point A. If  $\angle POQ = 118^\circ$ , then  $\angle PAQ$  is equal to:

Ans ☒ 1.  $62^\circ$

☒ 2.  $112^\circ$

☒ 3.  $72^\circ$

☒ 4.  $98^\circ$

Question ID : 8161612898

Status : Answered

Chosen Option : 1

Q.2 The radius of a circular cone is 6 cm and its height is 7 cm. Then the volume of cone in  $\text{cm}^3$  is: (Take  $\pi = \frac{22}{7}$ )

Ans ☒ 1. 216

☒ 2. 154

☒ 3. 264

☒ 4. 188

Question ID : 8161612891

Status : Answered

Chosen Option : 3

Q.3 The cost price of 15 pens is equal to the selling price of 20 pens. The loss or profit percentage is:

- Ans ☒ 1. 25% loss  
☒ 2. 20% loss  
☒ 3. 25% profit  
☒ 4. 20% profit

Question ID : 8161612895

Status : Answered

Chosen Option : 1

Q.4 In a class, if 60% of the students are boys and the number of girls is 36, then the number of boys is:

- Ans ☒ 1. 54  
☒ 2. 60  
☒ 3. 58  
☒ 4. 65

Question ID : 8161612894

Status : Answered

Chosen Option : 1

Q.5 If  $\cos x = \frac{p}{q}$  and  $0^\circ < x < 90^\circ$ , then the value of  $\tan x$  is:

- Ans ☒ 1.  $\frac{q}{\sqrt{q^2 - p^2}}$   
☒ 2.  $\frac{\sqrt{q^2 - p^2}}{p}$   
☒ 3.  $\frac{\sqrt{q^2 - p^2}}{q}$   
☒ 4.  $\frac{p}{\sqrt{p^2 - q^2}}$

Question ID : 8161612907

Status : Answered

Chosen Option : 2

Q.6 In a circle, two equal and parallel chords are 6 cm apart and they lie on the opposite sides of the centre of the circle, whose radius is 5 cm. The length of each chord (in cm), is:

- Ans ☒ 1. 8  
☒ 2. 10  
☒ 3. 12  
☒ 4. 6

Question ID : 8161612899

Status : Answered

Chosen Option : 1

**Q.7** If an amount of ₹800 is distributed between Ravi, Mohan and Govind in the proportions 2 : 5 : 3, then the sum of the shares of Mohan and Govind, is:

- Ans
- ☒ 1. ₹400
  - ☒ 2. ₹640
  - ☒ 3. ₹560
  - ☒ 4. ₹240

Question ID : 8161612896

Status : Answered

Chosen Option : 2

**Q.8** If  $\sin x - \cos x = 0, 0^\circ < x < 90^\circ$  then the value of  $(\sec x + \operatorname{cosec} x)^2$  is:

- Ans
- ☒ 1. 10
  - ☒ 2. 4
  - ☒ 3. 8
  - ☒ 4. 6

Question ID : 8161612909

Status : Answered

Chosen Option : 3

**Q.9** If 7129p465 is divisible by 9, then the value of p is:

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

Question ID : 8161612905

Status : Answered

Chosen Option : 4

**Q.10** Mohan covers a distance of 2.5 km by scooter at the rate of 30 km/h. The time taken by Mohan to cover the given distance in minutes is:

- Ans
- ☒ 1. 10
  - ☒ 2. 6
  - ☒ 3. 8
  - ☒ 4. 5

Question ID : 8161612890

Status : Answered

Chosen Option : 4

**Q.11** The given bar graph represents the pass percentage of the 10<sup>th</sup> and 12<sup>th</sup> classes of a school during the consecutive four year period 2016-2019.



What is the average of pass percentage of the 10<sup>th</sup> class for all four years?

- Ans**
- ☒ 1. 65.25%
  - ☒ 2. 63.25%
  - ☒ 3. 65.75%
  - ☒ 4. 63.75%

Question ID : 8161612910

Status : Answered

Chosen Option : 4

**Q.12** In  $\triangle PQR$ , the side  $QR$  is extended to  $S$  such that  $RS = PR$ . If  $\angle QPS = 110^\circ$  and  $\angle PRQ = 70^\circ$ , then the value of  $\angle PQR$  is:

- Ans**
- ☒ 1.  $50^\circ$
  - ☒ 2.  $40^\circ$
  - ☒ 3.  $45^\circ$
  - ☒ 4.  $35^\circ$

Question ID : 8161612901

Status : Answered

Chosen Option : 4

**Q.13** In a  $\triangle ABC$ ,  $\angle ABC = 2\angle CAB$ , If the side  $BC$  is extended to  $D$  and  $\angle ACD = 126^\circ$ , then  $\angle CAB$  is:

- Ans**
- ☒ 1.  $36^\circ$
  - ☒ 2.  $42^\circ$
  - ☒ 3.  $84^\circ$
  - ☒ 4.  $63^\circ$

Question ID : 8161612900

Status : Answered

Chosen Option : 2

Q.14 The area of a rectangle is  $a^2 - b^2$  and its length is  $a + b$ , what will be its breadth?

- Ans
- ☒ 1.  $2ab$
  - ☒ 2.  $ab$
  - ☒ 3.  $a + b$
  - ☒ 4.  $a - b$

Question ID : 8161612902

Status : Answered

Chosen Option : 3

Q.15 The average marks of Ravi in five subjects are 150, but in mathematics 43 was misread as 23 during the calculation. The correct average is:

- Ans
- ☒ 1. 148
  - ☒ 2. 150
  - ☒ 3. 154
  - ☒ 4. 160

Question ID : 8161612892

Status : Answered

Chosen Option : 3

Q.16 The factors of the expression  $2x^2 - 5x - 12$  are:

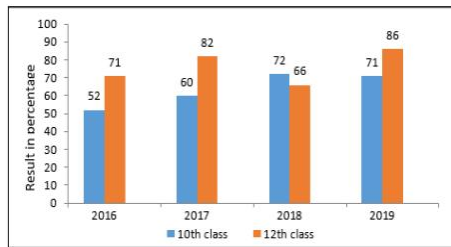
- Ans
- ☒ 1.  $(x + 4)$  and  $(2x + 3)$
  - ☒ 2.  $(x + 4)$  and  $(2x - 3)$
  - ☒ 3.  $(x - 4)$  and  $(2x - 3)$
  - ☒ 4.  $(x - 4)$  and  $(2x + 3)$

Question ID : 8161612903

Status : Answered

Chosen Option : 4

**Q.17** The given bar graph represents the pass percentage of 10<sup>th</sup> and 12<sup>th</sup> classes of a school during the consecutive four year period 2016-2019.



What is the average percentage of the failed students of the 12<sup>th</sup> class for all four years?

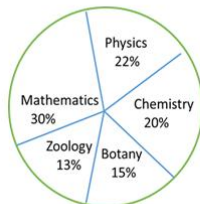
- Ans**
- ☒ 1. 23%
  - ☒ 2. 25.25%
  - ☒ 3. 25.75%
  - ☒ 4. 23.75%

Question ID : 8161612912

Status : Answered

Chosen Option : 4

**Q.18** Study the given pie-chart and table carefully and answer the question that follows. The percentage-wise distribution of lecturers in five different subjects in a university is shown in the pie-chart. The total number of lecturers is 500.



Ratio of male to female lecturers:

Lecturers	Males : Females
Mathematics	7 : 3
Physics	2 : 3
Chemistry	4 : 1
Botany	3 : 5
Zoology	2 : 5

Find the number of male lecturers in Physics.

- Ans**
- ☒ 1. 46
  - ☒ 2. 42
  - ☒ 3. 44
  - ☒ 4. 40

Question ID : 8161612913

Status : Answered

Chosen Option : 3

Q.19 The compound interest on ₹4,000 after 3 year is ₹630.50. Then the rate of interest compounded yearly is :

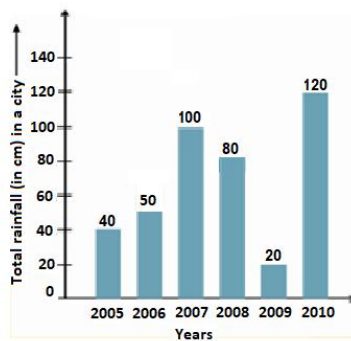
- Ans
- ☐ 1. 7%
  - ☐ 2. 6%
  - ☐ 3. 8%
  - ☒ 4. 5%

Question ID : 8161612897

Status : Answered

Chosen Option : 4

Q.20 The given graph represents the rainfall (in cm) in a city, over a period of six years. Study the graph and answer the question that follows.



In which two consecutive years was the difference of the rainfall minimum?

- Ans
- ☐ 1. 2006 - 2007
  - ☐ 2. 2007 - 2008
  - ☐ 3. 2008 - 2009
  - ☒ 4. 2005 - 2006

Question ID : 8161612911

Status : Answered

Chosen Option : 4

Q.21 Tap A can fill a tank in 6 hours and tap B can empty the same tank in 10 hours. If both taps are opened together, then how much time (in hours) will be taken to fill the tank?

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

Question ID : 8161612889

Status : Answered

Chosen Option : 2

Q.22 If  $a$  and  $b$  are two positive real numbers such that  $a + b = 20$  and  $ab = 4$ , then the value of  $a^3 + b^3$  is:

- Ans ☒ 1. 7760  
☐ 2. 8000  
☐ 3. 8240  
☐ 4. 240

Question ID : 8161612904  
Status : Answered  
Chosen Option : 1

Q.23  $\frac{\cos x}{1+\sin x} + \frac{1+\sin x}{\cos x}$  is equal to:

- Ans ☐ 1.  $2\cos x$   
☐ 2.  $2\operatorname{cosec} x$   
☐ 3.  $2\sin x$   
☒ 4.  $2\sec x$

Question ID : 8161612908  
Status : Answered  
Chosen Option : 4

Q.24 The value of  $27 + [3(50 - 20) + 168 \div 4 + 2 - 11 \times 2]$  is :

- Ans ☐ 1. 149  
☐ 2. 239  
☐ 3. 245  
☒ 4. 139

Question ID : 8161612906  
Status : Answered  
Chosen Option : 4

Q.25 If the marked price of a television set is ₹24,500, then, its selling price after a 12% discount on it is:

- Ans ☐ 1. ₹21,460  
☐ 2. ₹21,640  
☐ 3. ₹21,650  
☒ 4. ₹21,560

Question ID : 8161612893  
Status : Answered  
Chosen Option : 4

Section : General Awareness



Q.1 To whom did Mahatma Gandhi give the title 'Deen Bandhu'?

- Ans
- ☐ 1. Abdul Ghaffar Khan
  - ☐ 2. Rajendra Prasad
  - ☐ 3. Rabindra Nath Tagore
  - ☒ 4. CF Andrews

Question ID : 8161612930  
Status : Answered  
Chosen Option : 2

Q.2 Goods and Services Tax (GST) was enacted by Parliament vide \_\_\_\_ Constitutional Amendment Act, 2016 on 8th September 2016.

- Ans
- ☒ 1. 101st
  - ☐ 2. 105th
  - ☐ 3. 103rd
  - ☐ 4. 107th

Question ID : 8161612922  
Status : Answered  
Chosen Option : 1

Q.3 In the context of computing, a byte is equal to \_\_\_\_ bits.

- Ans
- ☐ 1. 4
  - ☐ 2. 24
  - ☒ 3. 8
  - ☐ 4. 16

Question ID : 8161612914  
Status : Answered  
Chosen Option : 3

Q.4 Which among the following is a vaccine developed by CSIR, Ministry of Science and Technology for Johne's disease affecting sheep, Goat, Cow and Buffalo so as to immunize them and increase milk and meat production ?

- Ans
- ☐ 1. Infectious Bovine Rhinotracheitis vaccine
  - ☐ 2. Porcine Parvovirus vaccine
  - ☐ 3. DIVA (Differentiating Infected from Vaccinated Animals)
  - ☒ 4. JD Vaccine

Question ID : 8161612925  
Status : Answered  
Chosen Option : 1

Q.5 Tagore Centre for the Study of Culture and Civilization is located in \_\_\_\_\_.

- Ans
- ☒ 1. West Bengal
  - ☒ 2. Himachal Pradesh
  - ☐ 3. Madhya Pradesh
  - ☐ 4. Andhra Pradesh

Question ID : 8161612917

Status : Answered

Chosen Option : 1

Q.6 As per the Constitution ninety-first amendment act, 2003, the total number of Ministers, including the Chief Minister, in the Council of Ministers in a State cannot exceed \_\_\_\_\_ of the total number of members of the Legislative Assembly of that State.

- Ans
- ☐ 1. 20%
  - ☐ 2. 25%
  - ☒ 3. 15%
  - ☐ 4. 10%

Question ID : 8161612934

Status : Answered

Chosen Option : 4

Q.7 Which of the following movies won the Golden Globe 2020 award for 'Best Motion Picture – Drama'?

- Ans
- ☒ 1. 1917
  - ☐ 2. The Two Popes
  - ☐ 3. The Irishman
  - ☐ 4. Joker

Question ID : 8161612920

Status : Answered

Chosen Option : 4

Q.8 Who among the following was elected as the Jharkhand Assembly Speaker in January 2020?

- Ans
- ☒ 1. Rabindra Nath Mahato
  - ☐ 2. Draupadi Murmu
  - ☐ 3. Champai Soren
  - ☐ 4. Stephen Marandi

Question ID : 8161612918

Status : Not Answered

Chosen Option : --

Q.9 Which of the following environmental movements/conflicts of India was directly related to the prevention of felling of trees?

- Ans ☒ 1. Chipko Movement  
☐ 2. Tehri Dam Conflict  
☐ 3. Narmada Bachao Andolan  
☐ 4. Save Silent Valley Movement

Question ID : 8161612927

Status : Answered

Chosen Option : 1

Q.10 Which of the following carries blood from the heart to the kidneys?

- Ans ☐ 1. Coronary artery  
☐ 2. Vena cava  
☒ 3. Renal artery  
☐ 4. Renal vein

Question ID : 8161612924

Status : Answered

Chosen Option : 3

Q.11 Which of the following teams won the Diamond Jubilee edition of the 'Subroto Cup International Football Tournament' for sub-junior boys (under-14) category in August 2019?

- Ans ☒ 1. Mizoram's Saidan Secondary School  
☐ 2. Chandigarh's Government Model High School  
☐ 3. Bangladesh's Krira Shikkha Protishtan  
☐ 4. Manipur's Unique Model Academy

Question ID : 8161612937

Status : Not Answered

Chosen Option : --

Q.12 'Daskathia' is a form of ballad singing prevalent in \_\_\_\_.

- Ans ☐ 1. Goa  
☐ 2. Telangana  
☒ 3. Odisha  
☐ 4. Sikkim

Question ID : 8161612916

Status : Not Answered

Chosen Option : --

Q.13 Which of the following statements is correct?

- Ans
- ☒ 1. The President submits his resignation to the Prime Minister.
  - ☐ 2. The President submits his resignation to the Vice-President.
  - ☒ 3. The President submits his resignation to the Speaker of the Lok Sabha.
  - ☒ 4. The President submits his resignation to the Chief Justice of India.

Question ID : 8161612935  
Status : Answered  
Chosen Option : 2

Q.14 As of 15 January 2020, which of the following nations was the Number one ranked ODI team in the ICC Men's ODI Team Rankings?

- Ans
- ☒ 1. India
  - ☒ 2. South Africa
  - ☐ 3. England
  - ☒ 4. New Zealand

Question ID : 8161612936  
Status : Answered  
Chosen Option : 1

Q.15 In which of the following years did Sarojini Naidu preside over the Indian National Congress session?

- Ans
- ☐ 1. 1925
  - ☒ 2. 1945
  - ☒ 3. 1935
  - ☒ 4. 1915

Question ID : 8161612931  
Status : Answered  
Chosen Option : 1

Q.16 Which of the following animals is used for transport in Tibet?

- Ans
- ☒ 1. Camel
  - ☒ 2. Llama
  - ☒ 3. Bullock
  - ☐ 4. Yak

Question ID : 8161612926  
Status : Not Answered  
Chosen Option : --

Q.17 Who among the following formulates the monetary policy in India?

- Ans
- ☒ 1. Finance Commission of India
  - ☒ 2. Reserve Bank of India
  - ☒ 3. NITI Aayog
  - ☒ 4. The Ministry of Statistics and Programme Implementation

Question ID : 8161612921

Status : Answered

Chosen Option : 2

Q.18 The \_\_\_\_\_ layer starts at Earth's surface and extends 8 to 14.5 km high (5 to 9 miles). This part of the atmosphere is the densest and almost all weather is in this region.

- Ans
- ☒ 1. Ionosphere
  - ☒ 2. Troposphere
  - ☒ 3. Stratosphere
  - ☒ 4. Mesosphere

Question ID : 8161612928

Status : Answered

Chosen Option : 2

Q.19 Who among the following won the 'Golden Globe 2020' award for 'Best Performance by an Actor in a Motion Picture – Drama'?

- Ans
- ☒ 1. Joaquin Phoenix
  - ☒ 2. John David Washington
  - ☒ 3. Lucas Hedges
  - ☒ 4. Jonathan Pryce

Question ID : 8161612932

Status : Answered

Chosen Option : 1

Q.20 Which of the following is a type of memory and is similar to RAM? It is used by computers to move data between the RAM and the CPU.

- Ans
- ☒ 1. ROM
  - ☒ 2. I Beam
  - ☒ 3. Cache
  - ☒ 4. Hypertext Link

Question ID : 8161612915

Status : Answered

Chosen Option : 3

Q.21 As of 15 January 2020, who among the following was the Number one ranked women tennis player in the WTA rankings?

- Ans
- ☒ 1. Simona Halep
  - ☒ 2. Karolína Plíšková
  - ☒ 3. Serena Williams
  - ☒ 4. Ashleigh Barty

Question ID : 8161612938

Status : Not Answered

Chosen Option : --

Q.22 Who among the following won 'ICC Women's ODI Cricketer of the Year 2019'?

- Ans
- ☒ 1. Ellyse Perry
  - ☒ 2. Smriti Mandhana
  - ☒ 3. Chanida Sutthiruang
  - ☒ 4. Alyssa Healy

Question ID : 8161612933

Status : Answered

Chosen Option : 1

Q.23 The State Government of Goa launched the 'Swasthya Sakhi Project' in January 2020 to ensure the:

- Ans
- ☒ 1. wellness and welfare of women
  - ☒ 2. wellness and welfare of rural men or women
  - ☒ 3. overall health of new-born female children
  - ☒ 4. overall health of new-born children

Question ID : 8161612919

Status : Answered

Chosen Option : 1

Q.24 Hardwood trees like sal, teak, neem and shisham (useful for making furniture, transport and constructional material) are found in which type of forests?

- Ans
- ☒ 1. Mediterranean Vegetation
  - ☒ 2. Coniferous Forests
  - ☒ 3. Temperate Deciduous Forests
  - ☒ 4. Tropical Deciduous Forests

Question ID : 8161612929

Status : Not Answered

Chosen Option : --

Q.25 Robert has sandy soil in his fields. The ideal crop for his field is:

Ans



1. Corn



2. Wheat



3. Cabbage



4. Gram

Question ID : 8161612923

Status : Not Answered

Chosen Option : --