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# Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	18/03/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CHSL Tier 1

Section : English Language (Basic Knowledge)

**Q.1** Select the most appropriate meaning of the given idiom.

**Vanish into the air**

- Ans
- 1. Perpetually postpone
  - 2. Totally dilute
  - 3. Completely disappear
  - 4. Permanently mix

Question ID : 42442918  
Status : Answered  
Chosen Option : 3

**Q.2** Select the correct indirect form of the given sentence.

**Shanti asked me, "Why did you keep this smartphone in the bin?"**

- Ans
- 1. Shanti asked me why I had been keeping that smartphone in the bin.
  - 2. Shanti asked me why I kept that smartphone in the bin.
  - 3. Shanti asked me why I was keeping that smartphone in the bin.
  - 4. Shanti asked me why I had kept that smartphone in the bin.

Question ID : 4244292  
Status : Answered  
Chosen Option : 4

**Q.3** Select the wrongly spelt word.

- Ans
- 1. Valediction
  - 2. Conviction
  - 3. Defenition
  - 4. Selection

Question ID : 42442919  
Status : Answered  
Chosen Option : 4

**Q.4 Select the correct passive form of the given sentence.**

**The students have performed a new version of Shakespeare's 'Macbeth'.**

- Ans
- 1. Shakespeare's 'Macbeth' have been performed by the new version of the students.
  - 2. A new version of Shakespeare's 'Macbeth' have been performed by the students.
  - 3. A new version of Shakespeare's 'Macbeth' has been performed by the students.
  - 4. Shakespeare's 'Macbeth' has been performed by the new version of the students.

Question ID : 4244291  
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.

The internet is fast becoming trusted by (1)\_\_\_\_\_ children and adults as reliable and accurate (2)\_\_\_\_\_ of information. Through the internet children now have (3)\_\_\_\_\_ to an almost endless supply of information and opportunity for (4)\_\_\_\_\_. However, there can be real risks and dangers for an (5)\_\_\_\_\_ child.

**SubQuestion No : 5**

**Q.5 Select the most appropriate option for blank No. 1.**

- Ans
- 1. both
  - 2. often
  - 3. neither
  - 4. not only

Question ID : 4244296  
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.

The internet is fast becoming trusted by (1)\_\_\_\_\_ children and adults as reliable and accurate (2)\_\_\_\_\_ of information. Through the internet children now have (3)\_\_\_\_\_ to an almost endless supply of information and opportunity for (4)\_\_\_\_\_. However, there can be real risks and dangers for an (5)\_\_\_\_\_ child.

**SubQuestion No : 6**

**Q.6 Select the most appropriate option for blank No. 2.**

- Ans
- 1. source
  - 2. deposit
  - 3. collection
  - 4. piece

Question ID : 4244297  
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.

The internet is fast becoming trusted by (1)\_\_\_\_\_ children and adults as reliable and accurate (2)\_\_\_\_\_ of information. Through the internet children now have (3)\_\_\_\_\_ to an almost endless supply of information and opportunity for (4)\_\_\_\_\_. However, there can be real risks and dangers for an (5)\_\_\_\_\_ child.

**SubQuestion No : 7**

**Q.7 Select the most appropriate option for blank No. 3.**

- Ans
- 1. gathering
  - 2. easiness
  - 3. ability
  - 4. access

Question ID : 4244298

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.

The internet is fast becoming trusted by (1)\_\_\_\_\_ children and adults as reliable and accurate (2)\_\_\_\_\_ of information. Through the internet children now have (3)\_\_\_\_\_ to an almost endless supply of information and opportunity for (4)\_\_\_\_\_. However, there can be real risks and dangers for an (5)\_\_\_\_\_ child.

**SubQuestion No : 8**

**Q.8 Select the most appropriate option for blank No. 4.**

- Ans
- 1. consultation
  - 2. deliberation
  - 3. intimation
  - 4. interaction

Question ID : 4244299

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.

The internet is fast becoming trusted by (1)\_\_\_\_\_ children and adults as reliable and accurate (2)\_\_\_\_\_ of information. Through the internet children now have (3)\_\_\_\_\_ to an almost endless supply of information and opportunity for (4)\_\_\_\_\_. However, there can be real risks and dangers for an (5)\_\_\_\_\_ child.

**SubQuestion No : 9**

**Q.9 Select the most appropriate option for blank No. 5.**

- Ans
- 1. undeveloped
  - 2. unauthorised
  - 3. unparalleled
  - 4. unsupervised

Question ID : 42442910  
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'.**

Before it was modified, the Law provided with the owner could take possession of the goods at any time.

- Ans
- 1. provided that
  - 2. provided on
  - 3. provided as
  - 4. No improvement

Question ID : 42442913  
Status : Answered  
Chosen Option : 1

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

**JOVIAL**

- Ans
- 1. Joyous
  - 2. Judgmental
  - 3. Jealous
  - 4. Jeering

Question ID : 42442924  
Status : Answered  
Chosen Option : 1

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

I had a broken bone in the hand which the doctor called a \_\_\_\_\_ and suggested immediate surgery.

- Ans
- 1. infection
  - 2. wound
  - 3. contamination
  - 4. fracture

Question ID : 42442925  
Status : Answered  
Chosen Option : 4

Q.13 Select the most appropriate synonym of the given word.

CHOOSE

- Ans
- 1. Productive
  - 2. Frank
  - 3. Tricky
  - 4. Selective

Question ID : 42442923  
Status : Answered  
Chosen Option : 4

Q.14 Select the most appropriate word to fill in the blank.

She has shown a great interest towards space science, since her early childhood and a passion to \_\_\_\_\_ the outer space.

- Ans
- 1. elicit
  - 2. enlighten
  - 3. entertain
  - 4. explore

Question ID : 42442926  
Status : Answered  
Chosen Option : 4

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

A person who is neither well experienced nor professional

- Ans
- 1. Veteran
  - 2. Proficient
  - 3. Expert
  - 4. Amateur

Question ID : 42442922  
Status : Answered  
Chosen Option : 4

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

OBSCURE

- Ans  1. Clear  
 2. Uncertain  
 3. Ambiguous  
 4. Vague

Question ID : 42442915  
Status : Answered  
Chosen Option : 1

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

- A. In the evening, Tejaswini would sing songs praising the Lord.  
B. She would go to the Lord's temple twice a day.  
C. Tejaswini was known in the village for her devotion to the Lord.  
D. In the morning, she would take with her a pot of milk and a bunch of flowers as offering.

- Ans  1. CADB  
 2. DCAB  
 3. ACDB  
 4. CBDA

Question ID : 42442911  
Status : Answered  
Chosen Option : 1

Q.18 Given below are four jumbled sentences. Out of the given options select the one that gives their correct order.

- A. One day, a strange crow from the west, landed on one of the branches.  
B. There was a large mango tree deep inside a thick forest.  
C. The branches were full of leaves, which crackled when the storm blew.  
D. Its branches spread in all directions, lobbing a large shadow on the ground.

- Ans  1. BDCA  
 2. BCAD  
 3. CDBA  
 4. ACDB

Question ID : 42442912  
Status : Answered  
Chosen Option : 1

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'.

As of you are here with me, who cares about the outcome of the issue.

- Ans
- 1. As long as
  - 2. So long
  - 3. No improvement
  - 4. As long to

Question ID : 42442914  
Status : Answered  
Chosen Option : 1

Q.20 Select the wrongly spelt word.

- Ans
- 1. Collaborate
  - 2. Corporate
  - 3. Comemorate
  - 4. Conjugate

Question ID : 42442920  
Status : Answered  
Chosen Option : 3

Q.21 Select the most appropriate meaning of the given idiom.

Take one's hat off to someone

- Ans
- 1. Indicate disapproval
  - 2. Express anger
  - 3. Display humility
  - 4. Show admiration

Question ID : 42442917  
Status : Answered  
Chosen Option : 4

Q.22 In the sentence identify the segment which contains the grammatical error.

Though she was able to finish the work on time, she couldn't do that out in fear.

- Ans
- 1. finish the work on time,
  - 2. she couldn't do that
  - 3. out in fear
  - 4. Though she was able to

Question ID : 4244294  
Status : Not Attempted and Marked For Review  
Chosen Option : --



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

**EARTHLY**

- Ans  1. Celestial  
 2. Peripheral  
 3. Temporal  
 4. Temperamental

Question ID : 42442916  
Status : Answered  
Chosen Option : 1

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

Something which is considered to be very important

- Ans  1. Supplementary  
 2. Scanty  
 3. Meagre  
 4. Cardinal

Question ID : 42442921  
Status : Answered  
Chosen Option : 1

Q.25 In the sentence identify the segment which contains the grammatical error.

Thomas is a man of word who have been paying back the borrowed money in instalments.

- Ans  1. in instalments  
 2. Thomas is a man of word  
 3. who have been paying back  
 4. the borrowed money

Question ID : 42442933  
Status : Answered  
Chosen Option : 3

Section : General Intelligence

Q.1 A and B can do a piece of work in 30 days and 18 days respectively. A started the work alone and then after 6 days B joined him till the completion of the work. In how many days has the whole work completed?

- Ans  1. 9  
 2. 15  
 3. 12  
 4. 17

Question ID : 42442933  
Status : Answered  
Chosen Option : 2

**Q.2** Select the set in which the numbers are related in the same way as are the numbers of the following set.  
(2, 6, 32)

- Ans**
- 1. (9, 13, 43)
  - 2. (4, 12, 36)
  - 3. (8, 18, 80)
  - 4. (4, 8, 34)

Question ID : 42442930  
Status : Answered  
Chosen Option : 2

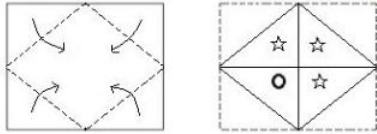
**Q.3** Which two signs and numbers should be interchanged to make the following equation correct?

$$16 \times 18 + 2 - 14 \div 3 = 38$$

- Ans**
- 1. 14 and 18, + and -
  - 2. 14 and 18, + and  $\times$
  - 3. 16 and 14, - and  $\times$
  - 4. 16 and 3, - and  $\div$

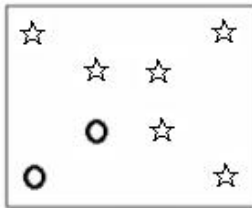
Question ID : 42442931  
Status : Answered  
Chosen Option : 2

**Q.4** A paper is folded and cut as shown in the following figures. How will this paper appear when unfolded?



**Ans**

✓ 1.



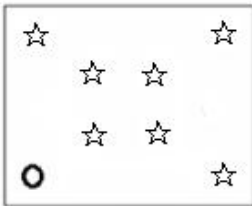
✗ 2.



✗ 3.



✗ 4.



Question ID : 42442949

Status : Answered

Chosen Option : 1

**Q.5** Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

e\_geef\_gg\_ee\_f\_ggg

Ans ✓ 1. f, f, e, f, f

✗ 2. f, g, f, g, g

✗ 3. g, f, e, f, f

✗ 4. f, f, f, f, f

Question ID : 42442938

Status : Answered

Chosen Option : 1

**Q.6** 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 doors are teachers.
2. All teachers are cups.

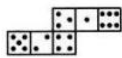
**Conclusions:**

- I. All cups are doors.
- II. All doors are cups.
- III. All teachers are doors.
- IV. Some cups are teachers.

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

Question ID : 42442944  
Status : Answered  
Chosen Option : 3

**Q.7** If the following figure is folded to form a cube, then how many dots will be on the face opposite to the face having 2 dots?



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

Question ID : 42442945  
Status : Answered  
Chosen Option : 3

**Q.8** In a code certain code language, MUSIC is coded as 60 and TUNE is coded as 56. How will LYRIC be coded as in that language?

- Ans**
- 1. 65
  - 2. 67
  - 3. 63
  - 4. 62

Question ID : 42442936  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.9 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 : 121 :: 7 : ?

- Ans
- 1. 79
  - 2. 102
  - 3. 81
  - 4. 105

Question ID : 42442929

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.10 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.

INTEX : EINTX :: SMALL : ?

- Ans
- 1. ALMLV
  - 2. AJKLM
  - 3. LLAMV
  - 4. ALLMS

Question ID : 42442937

Status : Answered

Chosen Option : 3

Q.11 Select the option figure that will come next in the following series.



Ans

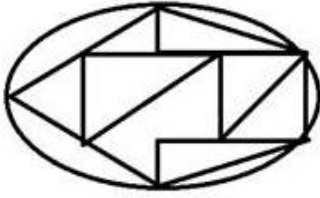
- 1.
- 2.
- 3.
- 4.

Question ID : 42442946

Status : Answered

Chosen Option : 3

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



- Ans
- 1. 8
  - 2. 13
  - 3. 12
  - 4. 10

Question ID : 42442947  
Status : Answered  
Chosen Option : 1

Q.13 In a certain code language, 'APRICOT' is written as 'GLXRIKZ' then how will 'ORANGE' be written in the same code language?

- Ans
- 1. LHZMSV
  - 2. LIZMTV
  - 3. VTMZIL
  - 4. VTNZHM

Question ID : 42442943  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.14 Select the option in which the words share the same relationship as that shared by the given pair of words.

Chair : Furniture

- Ans
- 1. Seat : Cover
  - 2. Bicycle : Travel
  - 3. Pencil : Wood
  - 4. Letter paper : Stationary

Question ID : 42442941  
Status : Answered  
Chosen Option : 3

Q.15 Which two signs should be interchanged to make the following equation correct?

$$4 + 6 + 9 - 48 \times 8 = 27$$

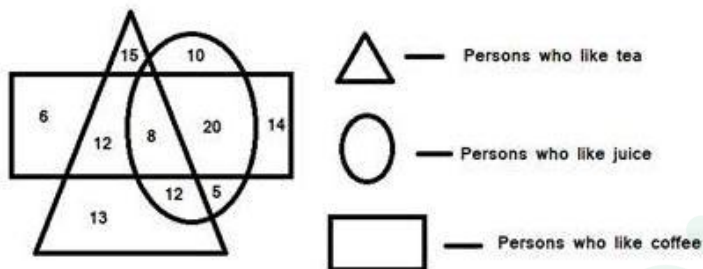
- Ans
- 1. + and ×
  - 2. + and +
  - 3. + and ×
  - 4. + and -

Question ID : 42442928

Status : Answered

Chosen Option : 1

Q.16 Study the following diagram and answer the given question.



How many people like both tea and coffee, but do NOT like juice?\*

- Ans
- 1. 8
  - 2. 20
  - 3. 22
  - 4. 12

Question ID : 42442951

Status : Answered

Chosen Option : 4

Q.17 Arrange the following words in a logical and meaningful order.

1. Letter
2. Satellite
3. Telephone
4. Smartphone

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

Question ID : 42442934

Status : Not Attempted and Marked For Review

Chosen Option : --



Q.18 Select the option in which the given figure is embedded. (Rotation is not allowed)

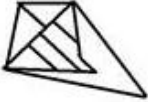


Ans

1.



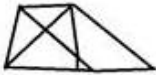
2.



3.



4.



Question ID : 42442948  
Status : Answered  
Chosen Option : 4

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

2, 8, 15, 24, 36, 52, ?

Ans

1. 73

2. 78

3. 83

4. 63

Question ID : 42442932  
Status : Answered  
Chosen Option : 1

Q.20 In a certain code language, PAGER is written as MIDOO. How will ANGEL be written as in that language?

Ans

1. IKDOI

2. AVIDI

3. AOIDK

4. ILVDN

Question ID : 42442935  
Status : Answered  
Chosen Option : 1



**Q.21** Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

ab\_\_cba\_\_dd\_\_abcd\_\_baa\_\_c\_\_c\_\_c\_\_c

- Ans**
- 1. acbdecdeaacecdd
  - 2. cddabccbadcbccdd
  - 3. abbaacdeecdecdd
  - 4. abeaacdecdecdd

Question ID : 42442939

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

Chosen Option : --

**Q.22** Sheela introduced Rahul saying, "His sister is the single daughter of my mother". How are Rahul and Sheela related to each other?

- Ans**
- 1. Uncle-Niece
  - 2. Son-Mother
  - 3. Cousins
  - 4. Brother-Sister

Question ID : 42442940

Status : **Answered**

Chosen Option : 4

**Q.23** Rishabh is a 10 year old boy. If his mother is 20 years older than him and 6 years younger than his father, then what is his father's age?

- Ans**
- 1. 34 years
  - 2. 36 years
  - 3. 26 years
  - 4. 30 years

Question ID : 42442927

Status : **Answered**

Chosen Option : 2

**Q.24** Which of the options is the exact mirror image of the given alphanumeric figure when the mirror is held at the right side?

AHTOITG46Q34

- Ans**
- 1. 4E0D4GTIOTHA
  - 2. 4E0D4GLIOTV
  - 3. 4E0D4GITOTHA
  - 4. 4E0D4GLIOTHV

Question ID : 42442950

Status : **Answered**

Chosen Option : 1

**Q.25** Four letter-pairs have been given, out of which three are alike in some manner and one is different. Select the odd letter-pair.

- Ans
- 1. US
  - 2. OM
  - 3. BE
  - 4. AY

Question ID : 42442942  
Status : Answered  
Chosen Option : 3

Section : Quantitative Aptitude(Basic Arithmetic Skill)

**Q.1** A secant is drawn from a point P to a circle so that it meets the circle first at A, then goes through the centre, and leaves the circle at B. If the length of the tangent from P to the circle is 12 cm, and the radius of the circle is 5 cm, then the distance from P to A is:

- Ans
- 1. 8 cm
  - 2. 12 cm
  - 3. 18 cm
  - 4. 10 cm

Question ID : 42442961  
Status : Answered  
Chosen Option : 1

**Q.2** If one side of a triangle is 7 with its perimeter equal to 18, and area equal to  $\sqrt{108}$ , then the other two sides are:

- Ans
- 1. 6 and 5
  - 2. 3.5 and 7.5
  - 3. 7 and 4
  - 4. 3 and 8

Question ID : 42442963  
Status : Answered  
Chosen Option : 4

**Q.3** If  $\tan a = \frac{2}{\sqrt{13}}$ , then the value of  $\frac{\operatorname{cosec}^2 a + 2 \sec^2 a}{\operatorname{cosec}^2 a - 3 \sec^2 a}$  is:

- Ans
- 1. 21
  - 2. 14
  - 3. 32
  - 4. 16

Question ID : 42442970  
Status : Answered  
Chosen Option : 1

Q.4 If the value of  $\frac{3x\sqrt{y}+2y\sqrt{x}}{3x\sqrt{y}-2y\sqrt{x}} - \frac{3x\sqrt{y}-2y\sqrt{x}}{3x\sqrt{y}+2y\sqrt{x}}$  is same as that of  $\sqrt{x}\sqrt{y}$ , then which of the following relations between  $x$  and  $y$  is correct?

- Ans
- 1.  $9x - 4y = 36$
  - 2.  $9x + 4y = 24$
  - 3.  $9x + 4y = 36$
  - 4.  $9x - 4y = 24$

Question ID : 42442966

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

Chosen Option : --

Q.5 Which of the following numbers is divisible by 2, 5 and 10?

- Ans
- 1. 7,20,345
  - 2. 1,25,372
  - 3. 19,400
  - 4. 149

Question ID : 42442968

Status : **Answered**

Chosen Option : 3

Q.6 A shopkeeper pays 12% of the cost price as tax while purchasing an item whose cost is ₹500. He wants to earn a profit of 20% after giving a discount of 16% on the marked price. So, the marked price should be:

- Ans
- 1. ₹840
  - 2. ₹780
  - 3. ₹960
  - 4. ₹800

Question ID : 42442956

Status : **Answered**

Chosen Option : 4

Q.7 Ravi starts for his school from his house on his cycle at 8:20 a.m. If he runs his cycle at a speed of 10 km/h, he reaches his school 8 minutes late, and if he drives the cycle at a speed of 16 km/h, he reaches his school 10 minutes early. The school starts at:

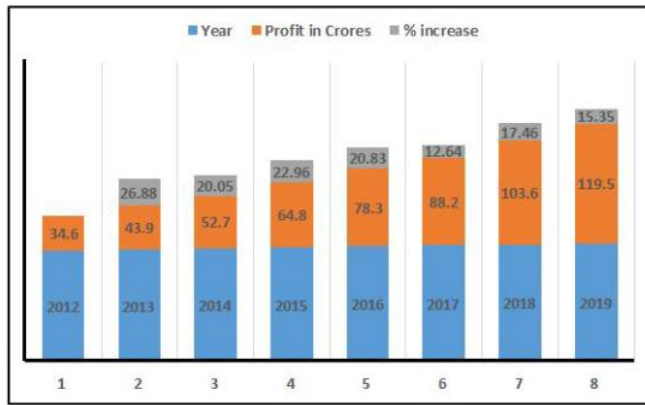
- Ans
- 1. 8:50 a.m.
  - 2. 8:40 a.m.
  - 3. 9:00 a.m.
  - 4. 9:40 a.m.

Question ID : 42442953

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

Chosen Option : --

**Q.8** The following graph shows the profit (in crore ₹) earned by a company in the years from 2012 to 2019.



The percentage increase in the profit from the previous year, is greatest in the year:

- Ans
- 1. 2018
  - 2. 2013
  - 3. 2015
  - 4. 2017

Question ID : 42442976  
 Status : Answered  
 Chosen Option : 2

**Q.9** In a 56 liters mixture of milk and water, the ratio of milk to water is 5 : 2. In order to make the ratio of milk to water 7 : 2, some quantity of milk is to be added to the mixture. The quantity of the milk present in the new mixture will be:

- Ans
- 1. 40 liters
  - 2. 16 liters
  - 3. 48 liters
  - 4. 56 liters

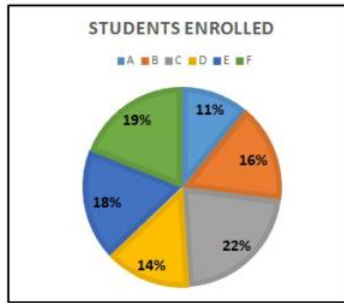
Question ID : 42442959  
 Status : Answered  
 Chosen Option : 4

**Q.10** If  $x$  is the square of the number when  $\left(\frac{2}{5} \text{ of } 6\frac{1}{4} + \frac{3}{7}\right) \text{ of } 1\frac{2}{7}$  is divided by  $11\frac{1}{4}$ , then the value of  $81x$  is:

- Ans
- 1. 36
  - 2. 16
  - 3. 9
  - 4. 4

Question ID : 42442969  
 Status : Answered  
 Chosen Option : 1

**Q.11** The given pie chart shows the percentage of students enrolled into the colleges A, B, C, D, E and F in a city, and the table shows the ratio of boys to girls in the college.



A	9 : 4
B	5 : 9
C	3 : 4
D	7 : 2
E	1 : 4
F	3 : 2

Based on this information, if the total number of students is 9800, then the number of girls in the college B is:

- Ans**
- 1. 560
  - 2. 280
  - 3. 1008
  - 4. 504

Question ID : 42442974  
Status : Answered  
Chosen Option : 3

**Q.12** 25 men can complete a task in 16 days. Four days after they started working, 5 more men, with equal workmanship, joined them. How many days will be needed by all to complete the remaining task?

- Ans**
- 1. 12 days
  - 2. 10 days
  - 3. 15 days
  - 4. 18 days

Question ID : 42442952  
Status : Answered  
Chosen Option : 2

**Q.13** If the length of a rectangle is increased by 12% and the breadth is decreased by 8%, the net effect on the area is:

- Ans**
- 1. increase by 3.04%
  - 2. increase by 2.6%
  - 3. decrease by 3.04%
  - 4. decrease by 2.6%

Question ID : 42442954  
Status : Answered  
Chosen Option : 1

**Q.14** A man has ₹10,000. He lent a part of it at 15% simple interest and the remaining at 10% simple interest. The total interest he received after 5 years amounted to ₹6,500. The difference between the parts of the amounts he lent is:

- Ans
- ✓ 1. ₹2,000
  - ✗ 2. ₹2,500
  - ✗ 3. ₹1,500
  - ✗ 4. ₹1,750

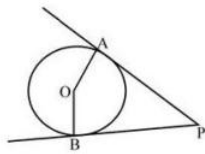
Question ID : 42442960  
Status : Answered  
Chosen Option : 1

**Q.15** If  $\frac{4}{1+\sqrt{2}+\sqrt{3}} = a + b\sqrt{2} + c\sqrt{3} - d\sqrt{6}$ , where a, b, c, d are natural numbers, then the value of  $a + b + c + d$  is:

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

Question ID : 42442965  
Status : Answered  
Chosen Option : 1

**Q.16**



PA and PB are tangents to the circle and O is the centre of the circle. The radius is 5 cm and PO is 13 cm. If the area of the triangle PAB is M, then the value of  $\sqrt{\frac{M}{15}}$  is:

- Ans
- ✗ 1.  $\sqrt{\frac{24}{13}}$
  - ✓ 2.  $\frac{24}{13}$
  - ✗ 3.  $\frac{12}{13}$
  - ✗ 4.  $\sqrt{\frac{12}{13}}$

Question ID : 42442964  
Status : Not Attempted and Marked For Review  
Chosen Option : --



**Q.17** A person purchased 40 items at some price. He sold some items at a profit of 30% by selling them at a price equal to the cost price of 26 items. The remaining items are sold at 18% profit. The total profit percentage is:

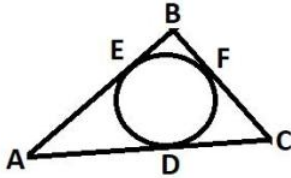
- Ans
- 1. 27%
  - 2. 28%
  - 3. 25%
  - 4. 24%

Question ID : 42442958

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

Chosen Option : --

**Q.18**



A circle is inscribed in the triangle ABC whose sides are given as  $AB = 10$ ,  $BC = 8$ ,  $CA = 12$  units as shown in the figure. The value of  $AD \times BF$  is:

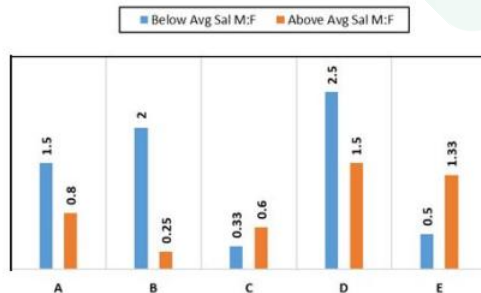
- Ans
- 1. 18 units
  - 2. 21 units
  - 3. 16 units
  - 4. 15 units

Question ID : 42442962

Status : **Answered**

Chosen Option : 2

**Q.19** The following graph shows the data of five companies A, B, C, D, E with respect to the male and female ratio of employees above, or below the average salary.



If in the company D, the percentage of employees above the average salary is 16% which is equal to 80, then the number of employees below average salary are:

- Ans
- 1. 300
  - 2. 420
  - 3. 520
  - 4. 470

Question ID : 42442973

Status : **Answered**

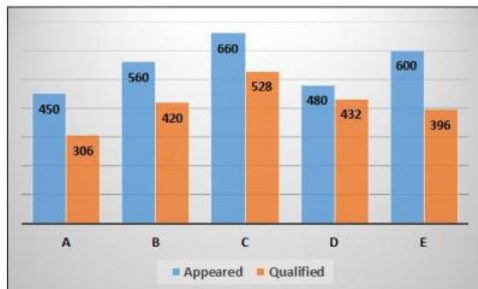
Chosen Option : 1

Q.20 If  $a\%$  of 240 is  $c$  and  $c\%$  of  $a$  is 117.6, then the value of  $a + c$  is:

- Ans  1. 238  
 2. 144  
 3. 260  
 4. 196

Question ID : 42442957  
 Status : Answered  
 Chosen Option : 1

Q.21 The following graph shows the data of the number of candidates that appeared and qualified for a competitive exam from the colleges A, B, C, D, E.



Based on the information, the difference between the percentage of students that qualified, from the colleges B and D is:

- Ans  1. 20  
 2. 18  
 3. 12  
 4. 15

Question ID : 42442975  
 Status : Answered  
 Chosen Option : 4

Q.22

If  $\left[ \left\{ \left( \frac{2}{3} \right)^3 \right\}^{(2x+3)} \right]^{\frac{-3}{4}} = \left[ \left\{ \left( \frac{2}{3} \right)^{\frac{2}{3}} \right\}^{(3x+7)} \right]^{\frac{-6}{5}}$ , then the value of  $\sqrt{2 - 42x}$  is:

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

Question ID : 42442967  
 Status : Not Answered  
 Chosen Option : --



Q.23 If  $a \sin A + b \cos A = c$ , then  $a \cos A - b \sin A$  is equal to:

- Ans
- 1.  $\sqrt{a^2 - b^2 - c^2}$
  - 2.  $\sqrt{a^2 + b^2 - c^2}$
  - 3.  $\sqrt{a^2 + b^2 + c^2}$
  - 4.  $\sqrt{a^2 - b^2 + c^2}$

Question ID : 42442971  
Status : Answered  
Chosen Option : 2

Q.24 Several students have taken an exam. There was an error in the answer key which affected the marks of 48 students, and their average marks reduced from 78 to 66. The average of remaining students increased by 3.5 marks. This resulted the reduction of the average of all students by 4.5 marks. The number of students that attended the exam is:

- Ans
- 1. 96
  - 2. 84
  - 3. 93
  - 4. 100

Question ID : 42442955  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.25  $\frac{1 - \tan A}{1 + \tan A} = \frac{\tan 3^\circ \tan 15^\circ \tan 30^\circ \tan 75^\circ \tan 87^\circ}{\tan 27^\circ \tan 39^\circ \tan 51^\circ \tan 60^\circ \tan 63^\circ}$ , then the value of  $\cot A$  is:

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

Question ID : 42442972  
Status : Answered  
Chosen Option : 2

Section : General Awareness

Q.1 Who among the following was appointed as the Deputy Governor of Reserve Bank of India (RBI) in January 2020?

- Ans
- 1. Michael Debabrata Patra
  - 2. NS Vishwanathan
  - 3. Viral Acharya
  - 4. BP Kanungo

Question ID : 42442981  
Status : Answered  
Chosen Option : 1

Q.2 In the context of memory size in computer data storage, one gigabyte is equal to how many megabytes?

- Ans
- 1. 32 MB
  - 2. 1012 MB
  - 3. 64 MB
  - 4. 1024 MB

Question ID : 42442977  
Status : Answered  
Chosen Option : 4

Q.3 Which of the following is NOT a credit rating agency in India?

- Ans
- 1. CRISIL
  - 2. ICRA
  - 3. RBI
  - 4. CARE

Question ID : 42442984  
Status : Answered  
Chosen Option : 1

Q.4 Which of the following statements is correct?

- Ans
- 1. The Governor has no power to grant pardon in respect of punishment or sentence inflicted by Court Martial.
  - 2. The President has no power to grant pardon in respect of punishment or sentence inflicted by Court Martial.
  - 3. The Governor has power to grant pardon in case of a death sentence.
  - 4. The Governor has no power to suspend, remit or commute a sentence of death.

Question ID : 42442998  
Status : Answered  
Chosen Option : 4

Q.5 Who among the following was conferred with the 'Dadasaheb Phalke Award 2019'?

- Ans
- 1. Dilip Kumar
  - 2. Anupam Kher
  - 3. Kabir Bedi
  - 4. Amitabh Bachchan

Question ID : 42442995  
Status : Answered  
Chosen Option : 4

**Q.6 Who among the following took charge as India's first Chief of Defence Staff (CDS) on 1 January 2020?**

- Ans**
- 1. General Bipin Rawat
  - 2. Navy Chief Admiral Karambir Singh
  - 3. Air Chief Marshal Rakesh Kumar Singh Bhadauria
  - 4. General Manoj Mukund Naravane

Question ID : 42442983  
Status : Answered  
Chosen Option : 1

**Q.7 Who among the following won ICC's '2019 Sir Garfield Sobers Trophy'?**

- Ans**
- 1. Ken Williamson
  - 2. Rohit Sharma
  - 3. Ben Stokes
  - 4. Virat Kohli

Question ID : 42442996  
Status : Answered  
Chosen Option : 3

**Q.8 Which of the following articles of the Constitution of India has a provision for financial emergency?**

- Ans**
- 1. Article 365
  - 2. Article 356
  - 3. Article 330
  - 4. Article 360

Question ID : 42442997  
Status : Answered  
Chosen Option : 4

**Q.9 Which is the largest uranium producing country in the world?**

- Ans**
- 1. Uzbekistan
  - 2. Kazakhstan
  - 3. USA
  - 4. India

Question ID : 42442992  
Status : Answered  
Chosen Option : 2

Q.10 Under which of the following schemes has the Government of India set up a new institution for development and refinancing activities related to micro units?

- Ans
- 1. Pradhan Mantri Yojna
  - 2. Pradhan Mantri MUDRA Yojana
  - 3. Pradhan Mantri Sadak Yojana
  - 4. Pradhan Mantri MNREGA Yojana

Question ID : 42442985  
Status : Answered  
Chosen Option : 2

Q.11 \_\_\_\_\_ is the term used for breeding of fish in specially constructed tanks and ponds.

- Ans
- 1. Pisciculture
  - 2. Agriculture
  - 3. Viticulture
  - 4. Horticulture

Question ID : 42442990  
Status : Answered  
Chosen Option : 1

Q.12 Who among the following scientists invented dynamite?

- Ans
- 1. Alfred Nobel
  - 2. Benjamin Franklin
  - 3. Rudolf Diesel
  - 4. Thomas Alva Edison

Question ID : 42442986  
Status : Answered  
Chosen Option : 1

Q.13 Who was the Chairman of the Drafting Committee of the Constituent Assembly of India?

- Ans
- 1. Rajendra Prasad
  - 2. Sardar Vallabhbhai Patel
  - 3. Jawaharlal Nehru
  - 4. BR Ambedkar

Question ID : 42442993  
Status : Answered  
Chosen Option : 4

Q.14 Which of the following cities hosted the third edition of the Khelo India Youth Games?

- Ans  1. Guwahati  
 2. Cuttack  
 3. Panaji  
 4. Patna

Question ID : 42442982  
Status : Answered  
Chosen Option : 1

Q.15 'Gurpurab' is the most important and sacred festival of the Sikh community. In which of the following months of the Hindu calendar is it celebrated?

- Ans  1. Vaisakha  
 2. Kartik  
 3. Shravana  
 4. Jyaistha

Question ID : 42442979  
Status : Not Answered  
Chosen Option : --

Q.16 In which of the following years did India come under the direct rule of the British crown?

- Ans  1. 1868  
 2. 1888  
 3. 1878  
 4. 1858

Question ID : 42442994  
Status : Answered  
Chosen Option : 4

Q.17 The rhythmic rise and fall of ocean water twice in a day is called \_\_\_\_\_.

- Ans  1. Wave  
 2. Tide  
 3. Tsunami  
 4. Current

Question ID : 42442989  
Status : Not Answered  
Chosen Option : --

Q.18 The 'Kathakali' dance is a harmonious combination of \_\_\_\_ forms of fine art.

- Ans
- 1. four
  - 2. six
  - 3. five
  - 4. seven

Question ID : 42442980  
Status : Not Answered  
Chosen Option : --

Q.19 Which of the following scientists was awarded a Nobel Prize for his services to Theoretical Physics, and especially for his discovery of the Law of the Photoelectric Effect?

- Ans
- 1. Albert Einstein
  - 2. Nikola Tesla
  - 3. Thomas Edison
  - 4. Ernest Rutherford

Question ID : 42442988  
Status : Answered  
Chosen Option : 1

Q.20 Who among the following won the 'Women's World Rapid Chess Championship 2019'?

- Ans
- 1. Sopiko Khukhashvili
  - 2. Koneru Humpy
  - 3. Lei Tingjie
  - 4. Dronavalli Harika

Question ID : 42442999  
Status : Answered  
Chosen Option : 2

Q.21 A hard disk is an example of which type of data storage device?

- Ans
- 1. Primary Storage
  - 2. Secondary Storage
  - 3. Offline Storage
  - 4. Tertiary Storage

Question ID : 42442978  
Status : Not Answered  
Chosen Option : --

Q.22 Which of the following teams won the 129th edition of Durand Cup in August 2019?

- Ans
- 1. East Bengal
  - 2. Gokulam Kerala
  - 3. Mohun Bagan
  - 4. Mohammedan Sporting Club

Question ID : 424429100  
Status : Answered  
Chosen Option : 2

Q.23 Which of the following is a disease caused by protozoa?

- Ans
- 1. AIDS
  - 2. Small Pox
  - 3. Rabies
  - 4. Kala azar

Question ID : 42442987  
Status : Answered  
Chosen Option : 4

Q.24 What was India's overall rank in the medals tally in the 23rd edition of the Asian Athletics Championship?

- Ans
- 1. Fifth
  - 2. First
  - 3. Fourth
  - 4. Third

Question ID : 424429101  
Status : Answered  
Chosen Option : 4

Q.25 Tummalapalle, believed to have one of the largest uranium reserves in the world, is situated in which of the following states?

- Ans
- 1. Karnataka
  - 2. Tamil Nadu
  - 3. Telangana
  - 4. Andhra Pradesh

Question ID : 42442991  
Status : Not Answered  
Chosen Option : --



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