

Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	26/10/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CHSL Tier 1

Section : English Language (Basic Knowledge)

Q.1 Select the word which means the same as the groups of words given.

A remedy for all diseases

- Ans
- 1. Tablet
  - 2. Syrup
  - 3. Panacea
  - 4. Nectar

Question ID : 8161613364  
 Status : Answered  
 Chosen Option : 3

Q.2 Select the wrongly spelt word.

- Ans
- 1. Profuse
  - 2. Protrude
  - 3. Professional
  - 4. Professor

Question ID : 8161613361  
 Status : Answered  
 Chosen Option : 3

Q.3 Select the most appropriate synonym of the given word.

Enunciate

- Ans
- 1. Confine
  - 2. Create
  - 3. Articulate
  - 4. Engage

Question ID : 8161613366  
 Status : Not Answered  
 Chosen Option : --

**Q.4 Select the antonym of the given word.**

**Ascend**

- Ans
- 1. Rise
  - 2. Climb
  - 3. Descend
  - 4. Fall

Question ID : **8161613358**

Status : **Answered**

Chosen Option : **3**

**Comprehension:**

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

Trees help man in three ways, by supplying wood etc., by providing shade and by helping to resist drought and flood, of (1)\_\_\_\_\_ the last is the most important. Man, (2)\_\_\_\_\_, has brought on his own ruin, by mass deforestation. History shows that great empires built on depletion of forest reserves, have toppled being unable to cope (3)\_\_\_\_\_ floods and food-shortage. Though the Government can make laws (4)\_\_\_\_\_ denudation of forests, it is difficult to prevent it unless people are educated enough to realize its (5)\_\_\_\_\_ consequences.

**SubQuestion No : 5**

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

- Ans
- 1. what
  - 2. whose
  - 3. whom
  - 4. which

Question ID : **8161613348**

Status : **Not Answered**

Chosen Option : **--**

**Comprehension:**

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

Trees help man in three ways, by supplying wood etc., by providing shade and by helping to resist drought and flood, of (1)\_\_\_\_\_ the last is the most important. Man, (2)\_\_\_\_\_, has brought on his own ruin, by mass deforestation. History shows that great empires built on depletion of forest reserves, have toppled being unable to cope (3)\_\_\_\_\_ floods and food-shortage. Though the Government can make laws (4)\_\_\_\_\_ denudation of forests, it is difficult to prevent it unless people are educated enough to realize its (5)\_\_\_\_\_ consequences.

**SubQuestion No : 6**

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

- Ans
- 1. whoever
  - 2. whenever
  - 3. wherever
  - 4. however

Question ID : **8161613349**

Status : **Not Answered**

Chosen Option : **--**

**Comprehension:**

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

Trees help man in three ways, by supplying wood etc., by providing shade and by helping to resist drought and flood, of (1)\_\_\_\_\_ the last is the most important. Man, (2)\_\_\_\_\_, has brought on his own ruin, by mass deforestation. History shows that great empires built on depletion of forest reserves, have toppled being unable to cope (3)\_\_\_\_\_ floods and food-shortage. Though the Government can make laws (4)\_\_\_\_\_ denudation of forests, it is difficult to prevent it unless people are educated enough to realize its (5)\_\_\_\_\_ consequences.

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

- Ans
- 1. in
  - 2. of
  - 3. by
  - 4. with

Question ID : **8161613350**Status : **Not Answered**

Chosen Option : --

**Comprehension:**

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

Trees help man in three ways, by supplying wood etc., by providing shade and by helping to resist drought and flood, of (1)\_\_\_\_\_ the last is the most important. Man, (2)\_\_\_\_\_, has brought on his own ruin, by mass deforestation. History shows that great empires built on depletion of forest reserves, have toppled being unable to cope (3)\_\_\_\_\_ floods and food-shortage. Though the Government can make laws (4)\_\_\_\_\_ denudation of forests, it is difficult to prevent it unless people are educated enough to realize its (5)\_\_\_\_\_ consequences.

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

- Ans
- 1. have prohibited
  - 2. prohibiting
  - 3. prohibited
  - 4. prohibits

Question ID : **8161613351**Status : **Not Answered**

Chosen Option : --

**Comprehension:**

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

Trees help man in three ways, by supplying wood etc., by providing shade and by helping to resist drought and flood, of (1)\_\_\_\_\_ the last is the most important. Man, (2)\_\_\_\_\_, has brought on his own ruin, by mass deforestation. History shows that great empires built on depletion of forest reserves, have toppled being unable to cope (3)\_\_\_\_\_ floods and food-shortage. Though the Government can make laws (4)\_\_\_\_\_ denudation of forests, it is difficult to prevent it unless people are educated enough to realize its (5)\_\_\_\_\_ consequences.

**SubQuestion No : 9**

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

- Ans
- 1. large
  - 2. big
  - 3. small
  - 4. grave

Question ID : 8161613352

Status : **Not Answered**

Chosen Option : --

**Q.10 Select the most appropriate option to substitute the underlined segment in the given sentence.**

All the employees of the nationalized banks are in strike.

- Ans
- 1. by
  - 2. with
  - 3. for
  - 4. on

Question ID : 8161613355

Status : **Answered**

Chosen Option : 4

**Q.11 Select the correct indirect form of the given sentence.**

Gary said, "I have finally cleared my exams with distinction!"

- Ans
- 1. Gary told that he have cleared his exams with distinction.
  - 2. Gary said that he has finally cleared his exams with distinction.
  - 3. Gary exclaimed that he cleared his exams with distinction.
  - 4. Gary exclaimed that he had finally cleared his exams with distinction.

Question ID : 8161613344

Status : **Answered**

Chosen Option : 4

Q.12 Select the wrongly spelt word.

- Ans  1. Flower  
 2. Flour  
 3. Flevor  
 4. Floor

Question ID : 8161613362  
Status : Answered  
Chosen Option : 3

Q.13 Select the word which means the same as the groups of words given.

The life history of a person written by himself.

- Ans  1. Travelogue  
 2. Essay  
 3. Biography  
 4. Autobiography

Question ID : 8161613363  
Status : Answered  
Chosen Option : 4

Q.14 Select the correct antonym for the given word.

Harsh

- Ans  1. Tough  
 2. Grave  
 3. Gentle  
 4. Bitter

Question ID : 8161613357  
Status : Answered  
Chosen Option : 3

Q.15 Select the most appropriate word to fill in the blank.

The sales team \_\_\_\_\_ the engineers for the organization's failure to bag the mega deal.

- Ans  1. liked  
 2. blamed  
 3. appreciated  
 4. praised

Question ID : 8161613367  
Status : Answered  
Chosen Option : 2

Q.16 Select the most appropriate meaning of the given idiom.

She declared that it was the last straw and fled.

- Ans
- 1. the situation had become unbearable
  - 2. it was the last time she would use a straw
  - 3. the situation was improving
  - 4. it was last time she would hold a straw

Question ID : 8161613359  
Status : Not Answered  
Chosen Option : --

Q.17 Select the most appropriate word to fill in the blank.

Janki burnt her boats with her previous supervisor by \_\_\_\_\_ him in public.

- Ans
- 1. flaunting
  - 2. criticizing
  - 3. applauding
  - 4. appreciating

Question ID : 8161613368  
Status : Not Attempted and Marked For Review  
Chosen Option : --

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

- A. One of the twins was driving better than the other.
- B. Mahesh kept comparing them every day.
- C. After two months of driving daily, finally both the twins were at par.
- D. Mahesh was teaching the twins how to drive.

- Ans
- 1. DCBA
  - 2. DABC
  - 3. CDAB
  - 4. ABCD

Question ID : 8161613354  
Status : Marked For Review  
Chosen Option : 2

Q.19 Select the correct passive form of the given sentence?

Who killed Ravana?

- Ans
- 1. By whom was Ravana killed?
  - 2. Ravana is killed by whom?
  - 3. By whom Ravana was killed?
  - 4. Ravana was killed by whom?

Question ID : 8161613343  
Status : Answered  
Chosen Option : 1

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

Assemble

- Ans
- 1. Disband
  - 2. Detach
  - 3. Address
  - 4. Amass

Question ID : 8161613365  
Status : Not Answered  
Chosen Option : --

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

Upset someone's applecart

- Ans
- 1. Upsetting someone by dropping the apples
  - 2. Making someone angry by ruining business
  - 3. Doing something that fails someone's plan
  - 4. Spoiling the apples in someone's cart

Question ID : 8161613360  
Status : Answered  
Chosen Option : 3

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

Samurai Jack drawn his sword to exact revenge on his superiors.

- Ans
- 1. to exact revenge
  - 2. on his superiors
  - 3. Samurai Jack drawn
  - 4. his sword to

Question ID : 8161613346  
Status : Marked For Review  
Chosen Option : 3

Q.23 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. He commanded that Birbal should leave his kingdom.
- B. Birbal left, and started working on a farm in an unknown village.
- C. Once upon a time, Akbar the great, became very angry with his minister, Birbal.
- D. As months passed, Akbar started to miss his favourite minister.

- Ans
- 1. DCBA
  - 2. ABCD
  - 3. CABD
  - 4. DCAB

Question ID : 8161613353  
Status : Marked For Review  
Chosen Option : 3

Q.24 In the sentence identify the segment which contains a grammatical error.

Queen Elizabeth got marrying to Philip, former Prince of Greece and Denmark.

- Ans
- 1. marrying to Philip
  - 2. Greece and Denmark
  - 3. Queen Elizabeth got
  - 4. former Prince of

Question ID : 8161613345  
Status : Marked For Review  
Chosen Option : 1

Q.25 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

The director wanted Aziz to play the role of the doctor as well also that of the apprentice.

- Ans
- 1. and also of
  - 2. No improvement.
  - 3. as well as
  - 4. as well

Question ID : 8161613356  
Status : Marked For Review  
Chosen Option : 3

Section : General Intelligence

Q.1 Which two signs should be interchanged to balance the given equation?

$$4 \times 3 + 10 - 2 \div 7 = 10$$

- Ans
- 1.  $\times$  and  $+$
  - 2.  $\div$  and  $\times$
  - 3.  $\div$  and  $-$
  - 4.  $+$  and  $-$

Question ID : 8161613370  
Status : Answered  
Chosen Option : 3



**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 conclusion/s logically follow(s) from the statements.

**Statements:**

1. All scanners are mouse.
2. Some mouse are printers.

**Conclusions:**

- I. No printer is a scanner.
- II. Some printers are mouse.
- III. No printer is a mouse.
- IV. No scanner is a printer.

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

Question ID : **8161613386**  
Status : **Answered**  
Chosen Option : **1**

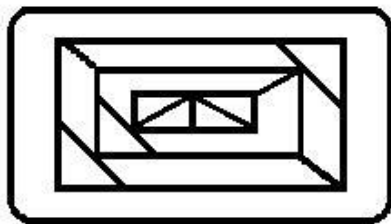
**Q.3** Select the term that will come next in the following series.

YF, WJ, UN, SR, QV, ?

- Ans**
- 1. PX
  - 2. OY
  - 3. OZ
  - 4. PZ

Question ID : **8161613379**  
Status : **Answered**  
Chosen Option : **3**

Q.4 Find the number of triangles in the given figure.



- Ans
- 1. 6
  - 2. 9
  - 3. 8
  - 4. 7

Question ID : 8161613389  
Status : **Marked For Review**  
Chosen Option : 3

Q.5 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans
- 1. Decibelmeter
  - 2. Udometer
  - 3. Ombrometer
  - 4. Pluviometer

Question ID : 8161613385  
Status : **Not Answered**  
Chosen Option : --

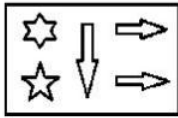
Q.6 Select the letters that can replace the question marks (?) in the following series respectively.

ZKA, CHX, FEU, ?BR, L?O

- Ans
- 1. D and Y
  - 2. J and Z
  - 3. H and Z
  - 4. I and Y

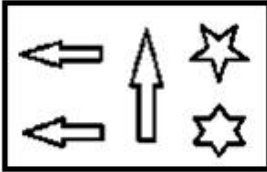
Question ID : 8161613381  
Status : **Answered**  
Chosen Option : 4

Q.7 Select the correct mirror image of the given figure when a mirror is placed on the right of the figure.

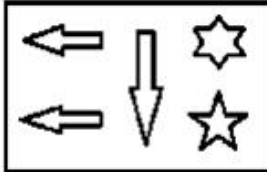


Ans

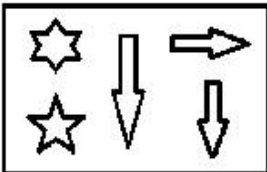
✗ 1.



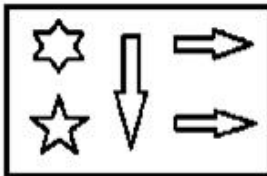
✓ 2.



✗ 3.



✗ 4.



Question ID : 8161613392

Status : Answered

Chosen Option : 2

Q.8 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. FILO

✗ 2. EHKN

✗ 3. ADGJ

✓ 4. CFIM

Question ID : 8161613384

Status : Answered

Chosen Option : 4

**Q.9** Study the given pattern carefully and select the number that can replace the question mark (?) in it.

116	160	?
3	8	13
7	4	2

- Ans**
- 1. 168
  - 2. 130
  - 3. 204
  - 4. 241

Question ID : **8161613373**  
Status : **Not Answered**  
Chosen Option : --

**Q.10** In a certain language code, 'SMART' is written as AMRST. How will 'DESIGN' be written as in that language?

- Ans**
- 1. EIADGS
  - 2. DEIGNS
  - 3. DAISGN
  - 4. SGITMD

Question ID : **8161613377**  
Status : **Not Answered**  
Chosen Option : --

**Q.11** Four word-pairs have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans**
- 1. Intact : Unflawed
  - 2. Bright : Luminous
  - 3. Pure : Perfect
  - 4. Entire : Partial

Question ID : **8161613383**  
Status : **Answered**  
Chosen Option : **4**

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



**Ans**



1.



2.



3.



4.



Question ID : 8161613390

Status : Answered

Chosen Option : 1

**Q.13** Select the correct option from the given options that arranges the following words in a logical and meaningful sequence.

1. Disease

2. Medicine

3. Junk Food

4. Healthy

**Ans**



1. 1, 2, 4, 3



2. 4, 3, 2, 1



3. 3, 1, 2, 4



4. 2, 1, 3, 4

Question ID : 8161613376

Status : Answered

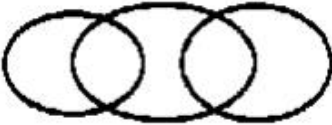
Chosen Option : 3

Q.14 Select the Venn diagram that best represents the relationship between the following classes.

Solar System, Earth, Jupiter

Ans

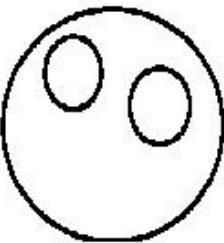
1.



2.



3.



4.



Question ID : 8161613393

Status : Answered

Chosen Option : 3

Q.15 Select the option that is related to the third term in the same way as the second term is related to the first term

Belt : Leather :: Bread : ?

Ans

1. Flour

2. Cake

3. Wood

4. Sandwich

Question ID : 8161613380

Status : Answered

Chosen Option : 1

Q.16 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

3	30	84
2	10	18
4	?	260

Ans

1. 64

2. 60

3. 16

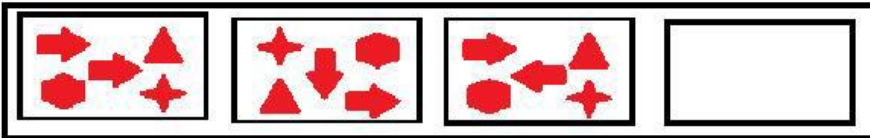
4. 68

Question ID : 8161613372

Status : Not Answered

Chosen Option : --

Q.17 Select the option that will fill in the blank and complete the given series.



Ans



Question ID : 8161613388

Status : Answered

Chosen Option : 3

Q.18 In a certain code language, GOLF is written as 60 and START is written as 117. How will NEST be written as in that language?

Ans ✗ 1. 21

✗ 2. 78

✗ 3. 58

✓ 4. 87

Question ID : 8161613378

Status : Answered

Chosen Option : 4

**Q.19** Four number-pairs have been given below, out of which three are alike in some manner and one is different. Select the odd one from the options.

156 : 12

210 : 14

276 : 16

240 : 15

- Ans**
- 1. 210 : 14
  - 2. 276 : 16
  - 3. 156 : 12
  - 4. 240 : 15

Question ID : **8161613375**  
Status : **Answered**  
Chosen Option : **2**

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

487, 502, 518, 535, ?

- Ans**
- 1. 451
  - 2. 653
  - 3. 552
  - 4. 553

Question ID : **8161613374**  
Status : **Answered**  
Chosen Option : **4**

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

7 : 42 :: 18 : ?

- Ans**
- 1. 304
  - 2. 308
  - 3. 306
  - 4. 302

Question ID : **8161613371**  
Status : **Answered**  
Chosen Option : **3**

**Q.22** Deepali is daughter of Vijay, who is married to Sunita. If Deepali is the wife of Mohit, then how is Mohit related to Vijay?

- Ans**
- 1. Brother
  - 2. Father
  - 3. Son
  - 4. Son-in-law

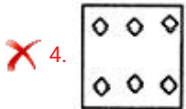
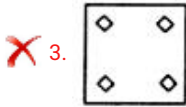
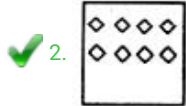
Question ID : **8161613382**  
Status : **Answered**  
Chosen Option : **4**



**Q.23** 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



Question ID : 8161613391

Status : Answered

Chosen Option : 2

**Q.24** 3 friends A, B and C are working in a company. The salary of A is ₹45,000 per month. C's monthly salary is  $\frac{3}{5}$ th of B's monthly salary. B's monthly salary is double of A's monthly salary. What is the total salary of A, B and C per month?

Ans  1. ₹1,90,000

2. ₹1,79,000

3. ₹1,80,000

4. ₹1,89,000

Question ID : 8161613369

Status : Answered

Chosen Option : 4

**Q.25** Three different positions of the same dice are shown. Select the letter that will be on the face opposite to the one having 's'.



Ans  1. a

2. f

3. e

4. d

Question ID : 8161613387

Status : Answered

Chosen Option : 3

**Q.1** If a number is divided by 899, the remainder is 63. If the same number is divided by 29, the remainder will be:

- Ans
- 1. 10
  - 2. 2
  - 3. 4
  - 4. 5

Question ID : **8161613410**  
Status : **Answered**  
Chosen Option : **4**

**Q.2** The difference between the largest and the smallest angles of a triangle whose angles are in the ratio of 4 : 3 : 8, is:

- Ans
- 1.  $50^\circ$
  - 2.  $60^\circ$
  - 3.  $40^\circ$
  - 4.  $30^\circ$

Question ID : **8161613405**  
Status : **Answered**  
Chosen Option : **2**

**Q.3** A train takes 45 minutes to cover a certain distance at a speed of 80 km/h. If the speed is increased by 125%, then how long will it take the train to cover  $\frac{8}{5}$  of the same distance?

- Ans
- 1. 25 minutes
  - 2. 30 minutes
  - 3. 32 minutes
  - 4. 28 minutes

Question ID : **8161613395**  
Status : **Not Answered**  
Chosen Option : --

**Q.4** AB is a diameter of a circle with centre O, and P is a point on the circle. If  $\angle POA = 130^\circ$ , then  $\angle PBO$  is equal to:

- Ans
- 1.  $60^\circ$
  - 2.  $55^\circ$
  - 3.  $65^\circ$
  - 4.  $45^\circ$

Question ID : **8161613403**  
Status : **Answered**  
Chosen Option : **3**

Q.5 A reduction of 20% in the price of sugar enables a purchaser to obtain 4 kg more for ₹160. The original price of sugar per kg is:

- Ans
- 1. ₹12
  - 2. ₹10
  - 3. ₹14
  - 4. ₹15

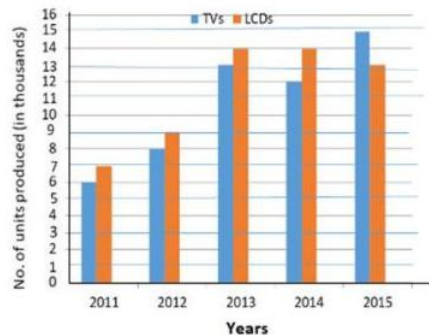
Question ID : 8161613399

Status : Answered

Chosen Option : 2

Q.6 Study the following bar diagram and answer the question that follows.

The production (in thousands) of electronic items (TV and LCD) in a factory during the period from 2011 to 2015.



The difference between the average production of LCDs and that of TVs from 2011 to 2013 is:

- Ans
- 1. 1200
  - 2. 1000
  - 3. 900
  - 4. 800

Question ID : 8161613416

Status : Answered

Chosen Option : 2

Q.7 The value of  $2\frac{1}{36} \div \frac{5}{9}$  of  $\left(5\frac{1}{10} + 2\frac{1}{5}\right) + \frac{2}{5} \div 3\frac{1}{5}$  is:

- Ans
- 1.  $\frac{3}{7}$
  - 2.  $\frac{5}{12}$
  - 3.  $\frac{3}{8}$
  - 4.  $\frac{5}{8}$

Question ID : 8161613411

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.8 If the compound interest on a certain sum of money for 2 years at 5% p.a. is ₹328, then the sum is equal to:

- Ans
- 1. ₹3,600
  - 2. ₹3,500
  - 3. ₹3,000
  - 4. ₹3,200

Question ID : 8161613402

Status : Answered

Chosen Option : 4

Q.9 An article is sold at a profit of 30%. If both cost price and selling price of the article are decreased by ₹100, the profit now would be 45%. The original cost price of the article is:

- Ans
- 1. ₹400
  - 2. ₹250
  - 3. ₹300
  - 4. ₹500

Question ID : 8161613400

Status : Answered

Chosen Option : 3

Q.10 If 40 is added to a list of natural numbers, the average is increased by 4. When 30 is added to the new list, the average of the numbers in the new list is increased by 1. How many numbers were in the original list?

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

Question ID : 8161613397

Status : Not Answered

Chosen Option : --

Q.11 If  $\tan\theta + \cot\theta = 2$  and  $\theta$  is acute, then the value of  $\tan^{100}\theta + \cot^{100}\theta$  is equal to:

- Ans
- 1. 2
  - 2.  $\sqrt{3}$
  - 3. 1
  - 4. 0

Question ID : 8161613412

Status : Answered

Chosen Option : 1

Q.12 If  $a^2 + b^2 + 2b + 4a + 5 = 0$ , then the value of  $\frac{2a-3b}{2a+3b}$  is equal to:

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

Question ID : 8161613408  
Status : Not Answered  
Chosen Option : --

Q.13 If  $2a + \frac{1}{a} = 4$ , then the value of  $a^2 + \frac{1}{4a^2}$  is:

- Ans
- 1. 3
  - 2. 4
  - 3. 5
  - 4. 12

Question ID : 8161613407  
Status : Answered  
Chosen Option : 1

Q.14 An article is listed at ₹8,500 and the discount offered is 12%. What additional discount (percent) must be given to bring the selling price to ₹6,358?

- Ans
- 1. 9%
  - 2. 20%
  - 3. 15%
  - 4. 10%

Question ID : 8161613398  
Status : Not Answered  
Chosen Option : --

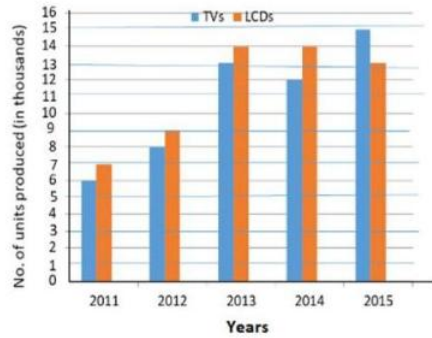
Q.15 What is the value of  $a^3 + b^3 + c^3 - 3abc$ , when  $a = 225, b = 226, \text{ and } c = 227$ ?

- Ans
- 1. 2034
  - 2. 2340
  - 3. 2304
  - 4. 2430

Question ID : 8161613409  
Status : Answered  
Chosen Option : 1

**Q.16** Study the following bar diagram and answer the question that follows.

The production (in thousands) of electronic items (TV and LCD) in a factory during the period 2011 to 2015.



The ratio of the total production of LCDs in the year 2012 and 2014 to the total production of TVs in the year 2012 and 2014 is:

- Ans**
- 1. 23 : 20
  - 2. 19 : 21
  - 3. 23 : 25
  - 4. 21 : 25

Question ID : 8161613415

Status : Answered

Chosen Option : 1

**Q.17** In a  $\Delta ABC$ ,  $2 \angle ABC = 9 \angle ACB$  and  $2 \angle BAC = 7 \angle ACB$ . If  $AB = 8$  cm,  $AC = 17$  cm, then the length of  $BC$  is:

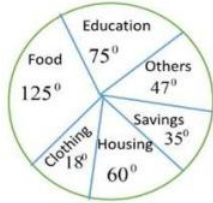
- Ans**
- 1. 8 cm
  - 2. 25 cm
  - 3. 15 cm
  - 4. 9 cm

Question ID : 8161613406

Status : Marked For Review

Chosen Option : 3

**Q.18** The following pie-chart shows the monthly expenditure incurred by a family on various items, and their savings. Study the chart and answer the question that follows.



If the monthly income is ₹64,800, then the yearly savings are:

- Ans
- 1. ₹70,500
  - 2. ₹75,000
  - 3. ₹72,500
  - 4. ₹75,600

Question ID : 8161613417  
Status : Not Answered  
Chosen Option : --

**Q.19** A and B can do a work in 15 days and 10 days respectively. They begin the work together but B leaves after two days. Now A completes the remaining work. The total number of days needed for the completion of the work is:

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

Question ID : 8161613394  
Status : Answered  
Chosen Option : 3

**Q.20** If A is an acute angle and  $\cot A + \operatorname{cosec} A = 3$ , then the value of  $\cos A$  is equal to:

- Ans
- 1.  $\frac{4}{5}$
  - 2.  $\frac{2}{5}$
  - 3.  $\frac{1}{5}$
  - 4.  $\frac{3}{5}$

Question ID : 8161613413  
Status : Answered  
Chosen Option : 1

Q.21 If  $\operatorname{cosec}\theta = \frac{13}{12}$ , then the value of  $\frac{2\sin\theta - 3\cos\theta}{4\sin\theta - 9\cos\theta}$  is:

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

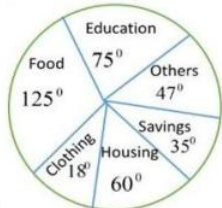
Question ID : 8161613414  
Status : Answered  
Chosen Option : 4

Q.22 The total surface area of a solid cube is  $2400 \text{ cm}^2$ . The volume of the cube is:

- Ans
- 1.  $6000 \text{ cm}^3$
  - 2.  $8200 \text{ cm}^3$
  - 3.  $8400 \text{ cm}^3$
  - 4.  $8000 \text{ cm}^3$

Question ID : 8161613396  
Status : Not Answered  
Chosen Option : --

Q.23 The following pie-chart shows the monthly expenditure incurred by a family on various items, and their savings. Study the chart and answer the question that follows.



If the expenditure on education is ₹2,700 more than that on housing, then the total expenditure on food and clothing is:

- Ans
- 1. ₹27,540
  - 2. ₹27,450
  - 3. ₹25,740
  - 4. ₹25,400

Question ID : 8161613418  
Status : Not Answered  
Chosen Option : --

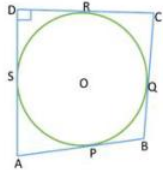


Q.24 Two numbers A and B are, respectively, 80% and 20% more than a third number C. The ratio of the numbers A to B is:

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

Question ID : 8161613401  
Status : Answered  
Chosen Option : 3

Q.25 ABCD is a quadrilateral such that  $\angle D = 90^\circ$ . A circle with centre O touches the sides AB, BC, CD and DA at P, Q, R and S, respectively. If BC = 40 cm, BP = 28 cm and CD = 25 cm, then what is the radius of the circle?



- Ans
- 1. 12 cm
  - 2. 13 cm
  - 3. 5 cm
  - 4. 8 cm

Question ID : 8161613404  
Status : Not Answered  
Chosen Option : --

Section : General Awareness

Q.1 At one stage in the Vedic Age, the king was called 'gopati' which meant '\_\_\_\_\_':

- Ans
- 1. lord of the universe
  - 2. lord of the people
  - 3. lord of land
  - 4. lord of cattle

Question ID : 8161613435  
Status : Answered  
Chosen Option : 4

Q.2 \_\_\_\_\_ is the oldest hockey tournament in India.

- Ans
- 1. Beighton Cup
  - 2. Bombay Gold Cup
  - 3. Obaidullah Khan Gold Cup
  - 4. MCC Murugappa Gold Cup

Question ID : 8161613442  
Status : Not Answered  
Chosen Option : --

Q.3 DefExpo-2020, a flagship biennial event of the Ministry of Defence, Government of India, was held in \_\_\_\_\_ from 5th to 9th February, 2020.

- Ans
- 1. Prayagraj
  - 2. Lucknow
  - 3. Kanpur
  - 4. Noida

Question ID : 8161613425  
Status : Not Answered  
Chosen Option : --

Q.4 \_\_\_\_\_ is famous for Muga silk.

- Ans
- 1. Nagaland
  - 2. Assam
  - 3. Odisha
  - 4. Manipur

Question ID : 8161613432  
Status : Not Answered  
Chosen Option : --

Q.5 Vyommitra is\_\_\_\_\_.

- Ans
- 1. a humanoid built by Indian Space Research Organization (ISRO)
  - 2. the first banking robot in India
  - 3. a humanoid robot introduced to assist teachers at schools in India
  - 4. a chatbot developed by Indian Railways Catering and Tourism Corporation (IRCTC)

Question ID : 8161613424  
Status : Answered  
Chosen Option : 1

Q.6 In Vienna, there's a statue of Indian hockey player \_\_\_\_\_ holding four hockey sticks in four hands.

- Ans
- 1. Dhyan Chand
  - 2. Dhanraj Pillay
  - 3. Udham Singh Kular
  - 4. Bharat Kumar Chettri

Question ID : 8161613443  
Status : Answered  
Chosen Option : 1

Q.7 Which of the following tiger reserves is NOT located in Karnataka?

- Ans
- 1. Bhadra
  - 2. Pench
  - 3. Dandeli-Anshi
  - 4. Nagarhole

Question ID : 8161613433  
Status : Not Answered  
Chosen Option : --

Q.8 \_\_\_\_\_ is also known as the 'All India War Memorial'.

- Ans
- 1. India Gate
  - 2. Gateway of India
  - 3. Raj Ghat
  - 4. Victory at Sea Memorial

Question ID : 8161613421  
Status : Answered  
Chosen Option : 4

Q.9 Which of the following is a vertebrate?

- Ans
- 1. Snake
  - 2. Roundworm
  - 3. Millipede
  - 4. Earthworm

Question ID : 8161613428  
Status : Answered  
Chosen Option : 3

Q.10 Prithviraj Chauhan defeated Muhammad Ghori in a battle in the year \_\_\_\_\_ but lost to him the following year.

- Ans
- 1. 1176
  - 2. 1191
  - 3. 1163
  - 4. 1182

Question ID : 8161613436  
Status : Answered  
Chosen Option : 2

Q.11 Who was appointed as the Chief of the Indian Research and Analysis Wing (RAW) in June 2019?

- Ans
- 1. Arvind Kumar
  - 2. Rajiv Jain
  - 3. Samant Goel
  - 4. Anil Dhasmana

Question ID : 8161613423  
Status : Answered  
Chosen Option : 2

Q.12 The traditional rod puppet of Bihar is known as \_\_\_\_\_.

- Ans
- 1. Bommalattam
  - 2. Sakhi Kundhei
  - 3. Yampuri
  - 4. Malasutri Bhaulya

Question ID : 8161613422  
Status : Not Answered  
Chosen Option : --

Q.13 In April 2020, Facebook—an American social media and technology company —announced its plan to buy \_\_\_\_\_% equity stake in Reliance Jio.

- Ans
- 1. 20.0
  - 2. 2.99
  - 3. 9.99
  - 4. 1.99

Question ID : 8161613426  
Status : Answered  
Chosen Option : 3

Q.14 Who was the Director-General of the World Health Organisation in April 2020?

- Ans
- 1. Roberto Azevêdo
  - 2. Zsuzsanna Jakab
  - 3. Tedros Adhanom Ghebreyesus
  - 4. Bernhard Schwartländer

Question ID : 8161613437  
Status : Answered  
Chosen Option : 1

Q.15 The world wide web was invented in the year \_\_\_\_\_.

- Ans
- 1. 1985
  - 2. 1989
  - 3. 1987
  - 4. 1982

Question ID : 8161613419  
Status : Not Answered  
Chosen Option : --

Q.16 Which of the following is NOT a feature of the Indian Federal System?

- Ans
- 1. Written Constitution
  - 2. Independent judiciary to settle disputes
  - 3. Single-tier government
  - 4. Division of powers between the Centre and the States

Question ID : 8161613440  
Status : Answered  
Chosen Option : 3

Q.17 Which of the following Indian-origin UK politicians was previously Chief Secretary to the Treasury before being appointed Chancellor of the Exchequer (United Kingdom) on 13 February 2020?

- Ans
- 1. Rishi Sunak
  - 2. Gagan Mohindra
  - 3. Navendu Mishra
  - 4. Sajid Javid

Question ID : 8161613438  
Status : Not Answered  
Chosen Option : --

Q.18 The Jharia and Chandrapura coal fields are located in the state of \_\_\_\_\_.

- Ans
- 1. Jharkhand
  - 2. Uttarakhand
  - 3. Nagaland
  - 4. Gujarat

Question ID : 8161613431  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.19 NPK is a:

- Ans  1. Fertilizer used for increasing fertility of soil  
 2. Medicine used to control pests  
 3. Brand of sprinkler for irrigation  
 4. Sanitizer used to clean dusty leaves

Question ID : 8161613430  
Status : Not Answered  
Chosen Option : --

Q.20 The Great Leap Forward (GLF) was a campaign initiated in \_\_\_\_\_ in 1958 aimed at industrialising the country on a massive scale.

- Ans  1. India  
 2. Bangladesh  
 3. China  
 4. Sri Lanka

Question ID : 8161613427  
Status : Not Answered  
Chosen Option : --

Q.21 'Tenpins' refers to the game of \_\_\_\_\_.

- Ans  1. baseball  
 2. basketball  
 3. billiards  
 4. bowling

Question ID : 8161613441  
Status : Not Answered  
Chosen Option : --

Q.22 Name the holy city recognized as the birthplace of the first and fourth Jain Tirthankaras.

- Ans  1. Varanasi  
 2. Dwaraka  
 3. Ayodhya  
 4. Gaya

Question ID : 8161613434  
Status : Answered  
Chosen Option : 1

Q.23 \_\_\_\_\_ was a web browser developed by the National Centre for Supercomputing Application (NCSA).

- Ans
- 1. Opera
  - 2. Mosaic
  - 3. Navigator
  - 4. Safari

Question ID : 8161613420  
Status : Not Answered  
Chosen Option : --

Q.24 Union Legislature alone can make laws on matters related to \_\_\_\_\_.

- Ans
- 1. public health
  - 2. police
  - 3. railways
  - 4. local self-government

Question ID : 8161613439  
Status : Answered  
Chosen Option : 3

Q.25 \_\_\_\_\_ is the inflammatory compound in pepper spray.

- Ans
- 1. quercetin
  - 2. curcumin
  - 3. gingerol
  - 4. capsaicin

Question ID : 8161613429  
Status : Not Answered  
Chosen Option : --

# Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	26/10/2020
Exam Time	1:00 PM - 2:00 PM
Subject	CHSL Tier 1

Section : English Language (Basic Knowledge)

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

**Come hell or high water**

- Ans
- 1. Not ready to go on adventures
  - 2. Tired of all kinds of dangers
  - 3. In spite of any obstacles
  - 4. Afraid of the challenges

Question ID : 8161612553

Status : Answered

Chosen Option : 4

**Q.2** Select the wrongly spelt word.

- Ans
- 1. Migrant
  - 2. Precedent
  - 3. Permanant
  - 4. Adamant

Question ID : 8161612555

Status : Answered

Chosen Option : 2

**Q.3** Select the word which means the same as the group of words given.

**Something that is expressed in a confusing way**

- Ans
- 1. Eccentric
  - 2. Inaudible
  - 3. Gullible
  - 4. Incoherent

Question ID : 8161612557

Status : Answered

Chosen Option : 3



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

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

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

Question ID : **8161612545**

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.

I remember watching a TV series on bringing up children that showed parents being obsessed (1)\_\_\_\_\_ their children's performance in school exams. The series highlighted how parents often give (2)\_\_\_\_\_ higher importance to their children's academic performance than their aptitudes. So many parents push and goad their children to study hard and score (3)\_\_\_\_\_ possible in their exams. They believe that academic (4)\_\_\_\_\_ guarantees a successful career and they want their children to be the next 'Albert Einstein' not knowing that Einstein (5)\_\_\_\_\_ was a rebel and didn't follow any of his parents' plans for him.

**SubQuestion No : 5**

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

- Ans
- 1. of
  - 2. in
  - 3. about
  - 4. to

Question ID : **8161612540**

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.

I remember watching a TV series on bringing up children that showed parents being obsessed (1)\_\_\_\_\_ their children's performance in school exams. The series highlighted how parents often give (2)\_\_\_\_\_ higher importance to their children's academic performance than their aptitudes. So many parents push and goad their children to study hard and score (3)\_\_\_\_\_ possible in their exams. They believe that academic (4)\_\_\_\_\_ guarantees a successful career and they want their children to be the next 'Albert Einstein' not knowing that Einstein (5)\_\_\_\_\_ was a rebel and didn't follow any of his parents' plans for him.

**SubQuestion No : 6**

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

- Ans
- 1. completely
  - 2. fully
  - 3. significantly
  - 4. largely

Question ID : **8161612541**

Status : **Not Answered**

Chosen Option : **--**

**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.

I remember watching a TV series on bringing up children that showed parents being obsessed (1)\_\_\_\_\_ their children's performance in school exams. The series highlighted how parents often give (2)\_\_\_\_\_ higher importance to their children's academic performance than their aptitudes. So many parents push and goad their children to study hard and score (3)\_\_\_\_\_ possible in their exams. They believe that academic (4)\_\_\_\_\_ guarantees a successful career and they want their children to be the next 'Albert Einstein' not knowing that Einstein (5)\_\_\_\_\_ was a rebel and didn't follow any of his parents' plans for him.

**SubQuestion No : 7**

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

- Ans
- 1. as higher as
  - 2. as good as
  - 3. as high as
  - 4. as better as

Question ID : 8161612542

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.

I remember watching a TV series on bringing up children that showed parents being obsessed (1)\_\_\_\_\_ their children's performance in school exams. The series highlighted how parents often give (2)\_\_\_\_\_ higher importance to their children's academic performance than their aptitudes. So many parents push and goad their children to study hard and score (3)\_\_\_\_\_ possible in their exams. They believe that academic (4)\_\_\_\_\_ guarantees a successful career and they want their children to be the next 'Albert Einstein' not knowing that Einstein (5)\_\_\_\_\_ was a rebel and didn't follow any of his parents' plans for him.

**SubQuestion No : 8**

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

- Ans
- 1. direction
  - 2. realization
  - 3. performance
  - 4. completion

Question ID : 8161612543

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.

I remember watching a TV series on bringing up children that showed parents being obsessed (1)\_\_\_\_\_ their children's performance in school exams. The series highlighted how parents often give (2)\_\_\_\_\_ higher importance to their children's academic performance than their aptitudes. So many parents push and goad their children to study hard and score (3)\_\_\_\_\_ possible in their exams. They believe that academic (4)\_\_\_\_\_ guarantees a successful career and they want their children to be the next 'Albert Einstein' not knowing that Einstein (5)\_\_\_\_\_ was a rebel and didn't follow any of his parents' plans for him.

**SubQuestion No : 9**

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

- Ans  1. himself  
 2. oneseif  
 3. themselves  
 4. itself

Question ID : 8161612544  
Status : Answered  
Chosen Option : 1

**Q.10 Select the most appropriate word to fill in the blank.**

When I first met my neighbours I took an \_\_\_\_\_ liking to them.

- Ans  1. instant  
 2. instantly  
 3. instance  
 4. instaneously

Question ID : 8161612559  
Status : Answered  
Chosen Option : 4

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

**Invincible**

- Ans  1. Secure  
 2. Supreme  
 3. Unstoppable  
 4. Vulnerable

Question ID : 8161612537  
Status : Answered  
Chosen Option : 1

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

Deport

- Ans  1. Transport  
 2. Permit  
 3. Expel  
 4. Conduct

Question ID : 8161612551  
Status : Answered  
Chosen Option : 4

Q.13 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'.

When the actress comes to know that she was declared winner of the best actress award, her joy knew no bounds.

- Ans  1. No improvement  
 2. came to know  
 3. was come to know  
 4. was knowing

Question ID : 8161612549  
Status : Answered  
Chosen Option : 2

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

Covered with a material or substance in order to stop heat, sound etc. From entering or escaping

- Ans  1. Hydrated  
 2. Insulated  
 3. Assimilated  
 4. Calibrated

Question ID : 8161612556  
Status : Answered  
Chosen Option : 1

Q.15 Select the most appropriate word to fill in the blank.

Even though we found ourselves in a \_\_\_\_\_ situation during our climb, we decided not to give up the expedition.

- Ans  1. precarious  
 2. pleasant  
 3. permissive  
 4. plausible

Question ID : 8161612560  
Status : Answered  
Chosen Option : 2

Q.16 In the sentence identify the segment which contains the grammatical error.

The country has the lowest per capita income and needs to create jobs to the youth.

- Ans
- 1. needs to create
  - 2. the lowest per capita income
  - 3. the country has
  - 4. jobs to the youth

Question ID : 8161612536  
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. He went into a part of the city I had never seen before and walked around a few alleys.
- B. At one point I distinctly saw him turn around, as if to make sure no one was following him; then he darted away.
- C. From my conversation with the cook I had learned that Ram Parshad had started to head out of the house at the same time every evening.
- D. One day I followed at a distance to know where he went every day.

- Ans
- 1. ABCD
  - 2. DBAC
  - 3. CABD
  - 4. CDAB

Question ID : 8161612548  
Status : Not Answered  
Chosen Option : --

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 lot of confusion among students due to recent changes in the examination pattern.

- Ans
- 1. allot of
  - 2. a lots of
  - 3. No improvement
  - 4. the lots of

Question ID : 8161612550  
Status : Answered  
Chosen Option : 3

Q.19 Select the correct passive form of the given sentence.

Savita will deliver a speech on the occasion of Ambedkar Jayanti.

- Ans
- 1. On the occasion of Ambedkar Jayanti a speech is being delivered by Savita.
  - 2. On the occasion of Ambedkar Jayanti a speech was delivered by Savita.
  - 3. On the occasion of Ambedkar Jayanti a speech will be delivered by Savita.
  - 4. On the occasion of Ambedkar Jayanti a speech is to be delivered by Savita.

Question ID : 8161612535  
Status : Answered  
Chosen Option : 3

Q.20 Select the wrongly spelt word.

- Ans
- 1. Advisible
  - 2. Invisible
  - 3. Capable
  - 4. Irritable

Question ID : 8161612554  
Status : Answered  
Chosen Option : 1

Q.21 Select the most appropriate synonym of the given word.

Reproach

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

Question ID : 8161612538  
Status : Answered  
Chosen Option : 1

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

A. You can also wear a hat to cover your hair and scalp to protect them from toxic particles that could be harmful.

B. Therefore,when you are exposed to bad quality air, try and wear full sleeved clothes to cover as much of your skin as possible.

C. All the above precautions could save you from serious skin diseases.

D. Air pollution plays a major role in skin and hair related problems for which you need to take precautions.

- Ans
- 1. CADB
  - 2. BACD
  - 3. DBAC
  - 4. DCAB

Question ID : 8161612547

Status : Not Answered

Chosen Option : --

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

Idleness

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

Question ID : 8161612558

Status : Answered

Chosen Option : 3

Q.24 In the sentence identify the segment which contains the grammatical error.

I declined the lunch offer by Suresh, not because I do not want to go, but because I had no time.

- Ans
- 1. by Suresh, not because
  - 2. but because I had no time
  - 3. I do not want to go
  - 4. I declined the lunch offer

Question ID : 8161612546

Status : Answered

Chosen Option : 2

Q.25 Select the most appropriate meaning of the given idiom.

Out of bounds

- Ans  1. Forbidden  
 2. Within limits  
 3. Tied up  
 4. Limitless

Question ID : 8161612552  
Status : Answered  
Chosen Option : 2

Section : General Intelligence

Q.1 If A is the brother of B, C is the father of D, F is the daughter of E, L is the brother of D's father, B is the sister of L and E is the wife of C, then how is F related to A?

- Ans  1. Aunt  
 2. Daughter in law  
 3. Sister  
 4. Niece

Question ID : 8161613569  
Status : Not Answered  
Chosen Option : --

Q.2 Select the letter-number clusters that will replace the blank spaces to complete the series.

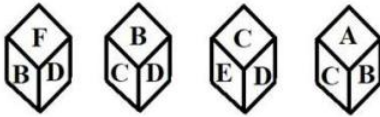
A27Z, C5B, E9D, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_

- Ans  1. G13F, I17H  
 2. G13F, J18H  
 3. G13F, I17J  
 4. G12E, I17H

Question ID : 8161613567  
Status : Answered  
Chosen Option : 1



**Q.3** Four different positions of the same dice are shown. Select the letter that will be on the face opposite to the one having B.



- Ans**
- 1. E
  - 2. A
  - 3. C
  - 4. D

Question ID : 8161613574  
Status : Answered  
Chosen Option : 1

**Q.4** Four words have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- Ans**
- 1. Angle
  - 2. Hectare
  - 3. Meter
  - 4. Volt

Question ID : 8161613572  
Status : Answered  
Chosen Option : 4

**Q.5** Select the number-pair in which the two numbers are related in the same way as are the two numbers of the given number-pair.

31 : 250

- Ans**
- 1. 75 : 614
  - 2. 81 : 657
  - 3. 54 : 434
  - 4. 40 : 320

Question ID : 8161613558  
Status : Answered  
Chosen Option : 3

**Q.6** In a certain code language, if 'STUDENT' is written as 'URWBGLV' then how would 'COMPUTER' be coded as in the same code language?

- Ans**
- 1. AQKRSVCT
  - 2. EMONWRGP
  - 3. AQKRWRGP
  - 4. EMNOWRGU

Question ID : 8161613565  
Status : Answered  
Chosen Option : 2

Q.7 Select the figure that will come next in the following figure series.

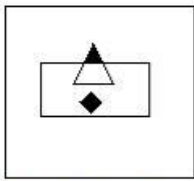


FIGURE 1

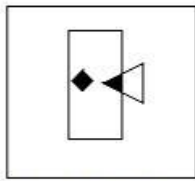


FIGURE 2

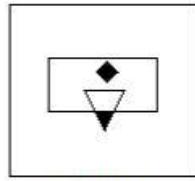


FIGURE 3

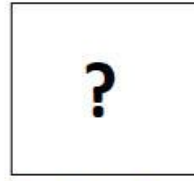
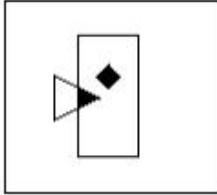


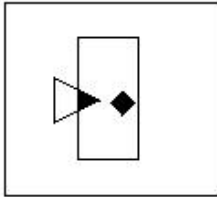
FIGURE 4

Ans

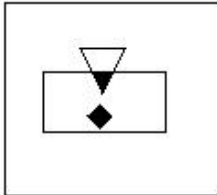
1.



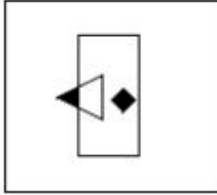
2.



3.



4.



Question ID : 8161613575

Status : Answered

Chosen Option : 2

Q.8 Study the given pattern carefully and select the number that can replace the question mark (?) in it.



1. 15

2. 35

3. 16

4. 24

Question ID : 8161613560

Status : Answered

Chosen Option : 3

Q.9 उस शब्द-युग्म का चयन करें, जिस में शब्दों के बीच वही संबंध है, जो संबंध दिए गए शब्द-युग्म के शब्दों के बीच है।

तीव्र : धीमा

- Ans
- 1. बासी : ताज़ा
  - 2. रिक्त : खाली
  - 3. सुधारना : मरम्मत करना
  - 4. प्रतिबंध : निषेध

Question ID : 8161613570

Status : Answered

Chosen Option : 4

Q.10 Rahul invests his savings, which is ₹25,000, in his bank that pays 7 per cent annual interest. How much will he earn by way of interest in one year?

- Ans
- 1. ₹1,500
  - 2. ₹1,800
  - 3. ₹1,750
  - 4. ₹1,675

Question ID : 8161613556

Status : Answered

Chosen Option : 3

Q.11 Select the combination of letters that when sequentially placed from left to right in the gaps of the given letter series will complete the series.

c \_ cce \_ fcdc \_ \_ ef \_ \_ cc \_ e \_

- Ans
- 1. ecdefcde
  - 2. eecdeefc
  - 3. dececdef
  - 4. fcfeefcd

Question ID : 8161613568

Status : Not Answered

Chosen Option : --

Q.12 Select the option in which the number set shares the same relationship as that shared by the given number set.

(2, 4, 8)

- Ans
- 1. 5, 21, 80
  - 2. 6, 17, 54
  - 3. 4, 16, 64
  - 4. 5, 25, 625

Question ID : 8161613559

Status : Answered

Chosen Option : 3

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

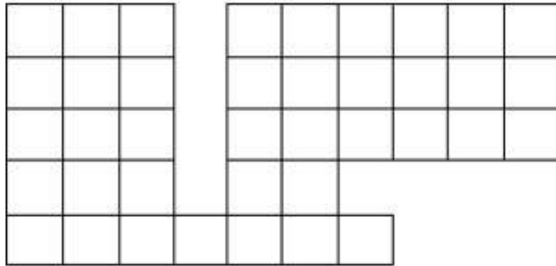
- Ans**
- 1. TVX
  - 2. JLN
  - 3. NOQ
  - 4. CEG

Question ID : 8161613571

Status : Answered

Chosen Option : 2

**Q.14** How many squares are there in the following figure?



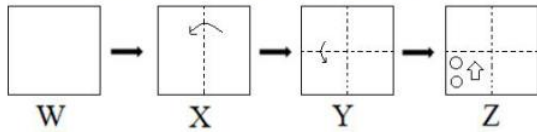
- Ans**
- 1. 66
  - 2. 71
  - 3. 76
  - 4. 57

Question ID : 8161613576

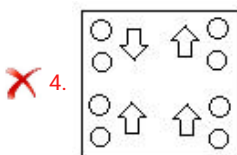
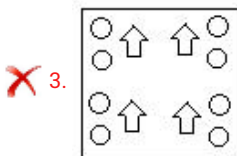
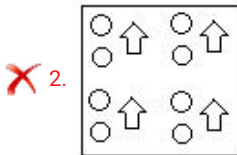
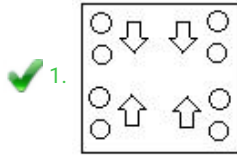
Status : Not Answered

Chosen Option : --

**Q.15** 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?



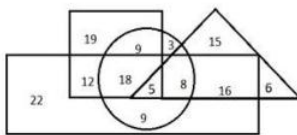
Ans



Question ID : 8161613578  
 Status : Answered  
 Chosen Option : 1

**Q.16** In the given Venn diagram, the 'Triangle' represents 'females', 'Circle' represents 'graduates'; the 'Rectangle' represents 'Employed' and the 'Square' represents 'Youth (under 30 years)'. The numbers given in the diagram represents number of persons of that particular category.

How many female graduates who are under 30 years are employed?



- Ans
- ✗ 1. 7
  - ✗ 2. 12
  - ✗ 3. 9
  - ✓ 4. 5

Question ID : 8161613580  
 Status : Not Answered  
 Chosen Option : --

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

1. Bicycle
2. Car
3. Train
4. Bus
5. Motorcycle

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

Question ID : 8161613563

Status : Answered

Chosen Option : 2

Q.18 In a certain code language, if 'BREEZE' is written as 'ZOAZTX', then how will 'FROTHY' be written as in that language?

- Ans
- 1. DOJNAQ
  - 2. DOLPCS
  - 3. DOKOBR
  - 4. DKOPHG

Question ID : 8161613564

Status : Not Answered

Chosen Option : --

Q.19 Four numbers have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- Ans
- 1. 360
  - 2. 231
  - 3. 340
  - 4. 123

Question ID : 8161613562

Status : Answered

Chosen Option : 3

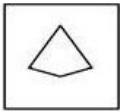
Q.20 Select the number that can replace the question mark (?) in the following series.

6, 12, ?, 144, 720, 4320

- Ans
- 1. 72
  - 2. 40
  - 3. 36
  - 4. 24

Question ID : 8161613561  
Status : Answered  
Chosen Option : 3

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



Ans

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

Question ID : 8161613577  
Status : Answered  
Chosen Option : 3

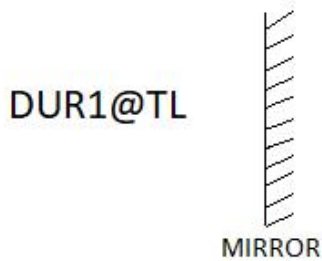
Q.22 If '+' means 'divided by', '-' means 'add', '×' means 'minus' and '÷' means 'multiplied by', what will be the approximate value of the following expression?

$$[[(11 \times 2) - (2 \div 3)] + (3 - 2)] \div 2$$

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

Question ID : 8161613557  
Status : Not Answered  
Chosen Option : --

Q.23 Select the mirror image of the given figure.



- Ans
- 1. DUBT@TL
  - 2. JI@IRUD
  - 3. DUR1@TL
  - 4. DUR I@TL

Question ID : 8161613579  
Status : Answered  
Chosen Option : 2

Q.24 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 eggs are needles.
- 2. All grapes are needles.

**Conclusions:**

- I. Some needles are eggs.
- II. Some grapes are eggs.

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

Question ID : 8161613573  
Status : Answered  
Chosen Option : 1



**Q.25** 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.

STAR : PRWU :: TRZP : ?

- Ans**
- 1. STWY
  - 2. QPVS
  - 3. POUR
  - 4. RQWT

Question ID : 8161613566  
Status : Answered  
Chosen Option : 2

Section : Quantitative Aptitude(Basic Arithmetic Skill)

**Q.1** The perimeter of a rectangular field is 32 metres and its sides are in the ratio 5 : 3. Then the sides of the field are:

- Ans**
- 1. 10 m and 6 m
  - 2. 9 m and 7 m
  - 3. 12 m and 10 m
  - 4. 5 m and 3 m

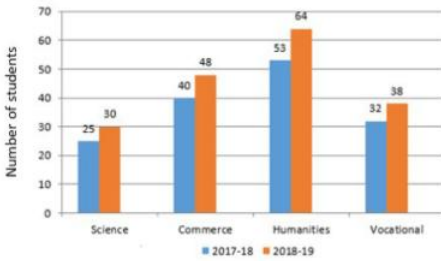
Question ID : 8161613588  
Status : Answered  
Chosen Option : 1

**Q.2** If  $\sin(2x - 45^\circ) = \cos x$  and angle  $x$  and  $(2x - 45^\circ)$  (in degrees) are acute angles, then the value of  $\cot x$  is:

- Ans**
- 1. 0
  - 2.  $\frac{1}{2}$
  - 3. 1
  - 4.  $\frac{1}{\sqrt{2}}$

Question ID : 8161613601  
Status : Not Answered  
Chosen Option : --

**Q.3** The given bar graph represents the number of students who appeared in the board examination in session 2017-18 and 2018-19. Study the graph and answer the question that follows.



The difference between the average number of students of Science and Humanities streams in 2017-2018 and that in Commerce and Vocational in 2018-19, is:

- Ans**
- 1. 8
  - 2. 6
  - 3. 4
  - 4. 2

Question ID : 8161613604  
Status : Answered  
Chosen Option : 1

**Q.4** Anu purchased a car and then sold it. If the ratio of the cost price and selling price is 10 : 11, then the profit percentage is:

- Ans**
- 1. 15%
  - 2. 18%
  - 3. 10%
  - 4. 20%

Question ID : 8161613587  
Status : Answered  
Chosen Option : 3

**Q.5** Ravi and Mohan together can complete a task in 3 days. Ravi alone can complete the same task in 7 days. How many days will Mohan alone take to complete the same task?

- Ans**
- 1.  $5\frac{1}{4}$  days
  - 2.  $4\frac{1}{5}$  days
  - 3. 10 days
  - 4. 4 days

Question ID : 8161613581  
Status : Answered  
Chosen Option : 1

**Q.6** The income of Renu is 10% less than the income of Sudha, and the income of Sudha is 10% more than ₹3,000. The income of Renu is:

- Ans**
- 1. ₹3,300
  - 2. ₹3,070
  - 3. ₹2,700
  - 4. ₹2,970

Question ID : 8161613586  
Status : Not Answered  
Chosen Option : --

**Q.7** If  $A = \frac{1+2x}{1-2x}$  and  $B = \frac{1-2x}{1+2x}$ , then the value of  $\frac{A+B}{A-B}$  is:

- Ans**
- 1.  $x + \frac{1}{4x}$
  - 2.  $x - \frac{1}{4x}$
  - 3.  $\frac{1}{4x} - x$
  - 4.  $x^2 + \frac{1}{4x^2}$

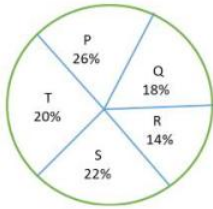
Question ID : 8161613596  
Status : Not Answered  
Chosen Option : --

**Q.8** The difference between the compound interest and the simple interest on a sum of ₹8,000 for 2 years at the rate of 5% p.a., is:

- Ans**
- 1. ₹10
  - 2. ₹30
  - 3. ₹40
  - 4. ₹20

Question ID : 8161613589  
Status : Answered  
Chosen Option : 4

- Q.9** The following pie-chart shows the percentage-wise distribution of the number of students in five different schools P, Q, R, S and T. The total number of students in all five schools together is 8400.



Find the average number of students in schools R and S together.

- Ans**
- 1. 1510
  - 2. 1612
  - 3. 1512
  - 4. 1620

Question ID : 8161613602  
Status : Answered  
Chosen Option : 3

- Q.10** The marked price of a book is ₹540. After 10% discount on the marked price, the selling price of the book is:

- Ans**
- 1. ₹386
  - 2. ₹590
  - 3. ₹486
  - 4. ₹530

Question ID : 8161613585  
Status : Answered  
Chosen Option : 3

- Q.11** In a circle centred at O, AB is a chord and C is any point on AB such that OC is perpendicular to AB. If the radius of the circle is 10 cm and OC = 6 cm, then the length of the chord is:

- Ans**
- 1. 8 cm
  - 2. 12 cm
  - 3. 4 cm
  - 4. 16 cm

Question ID : 8161613591  
Status : Answered  
Chosen Option : 1

Q.12  $\frac{\sec\theta + \tan\theta}{\sec\theta - \tan\theta}$  is equal to:

Ans

1.  $\frac{1}{\sec\theta - \tan\theta}$

2.  $\frac{1}{\sec\theta + \tan\theta}$

3.  $(\sec\theta + \tan\theta)^2$

4.  $(\sec\theta - \tan\theta)^2$

Question ID : 8161613600

Status : Not Answered

Chosen Option : --

Q.13 Abhi finishes a journey by car in 9 hours. He travels the first half of the journey at a speed of 40 km/h and the second half of the journey at a speed of 50 km/h. The total distance covered is:

Ans

1. 350 km

2. 450 km

3. 400 km

4. 300 km

Question ID : 8161613582

Status : Answered

Chosen Option : 2

Q.14 If the number 62783xy is divisible by both 8 and 5, then the smallest possible value of x and y is:

Ans

1.  $x = 2, y = 2$

2.  $x = 6, y = 0$

3.  $x = 2, y = 0$

4.  $x = 2, y = 5$

Question ID : 8161613597

Status : Answered

Chosen Option : 3

Q.15 The value of  $[(3 + 5 - 4) + (17 - 3 \times 4)] + [4 \div 2 - 16 \div 4 + 3]$  is:

Ans

1. 16

2. 10

3. 12

4. 14

Question ID : 8161613598

Status : Answered

Chosen Option : 2

Q.16 If  $\triangle ABC$  is an isosceles triangle with  $AB = AC$  and  $\angle ABC$  is  $65^\circ$ , then  $\angle BCA$  and  $\angle BAC$  are, respectively:

- Ans
- 1.  $65^\circ$  and  $50^\circ$
  - 2.  $75^\circ$  and  $70^\circ$
  - 3.  $50^\circ$  and  $65^\circ$
  - 4.  $70^\circ$  and  $75^\circ$

Question ID : 8161613592

Status : Answered

Chosen Option : 1

Q.17 If the edge of a cube be 7 cm, then the volume of the cube is:

- Ans
- 1.  $321 \text{ cm}^3$
  - 2.  $343 \text{ cm}^3$
  - 3.  $433 \text{ cm}^3$
  - 4.  $243 \text{ cm}^3$

Question ID : 8161613583

Status : Answered

Chosen Option : 2

Q.18 The average of the ages of Sonu, Hari and Govind is 30 years. If their ages are in the ratio of 4 : 5 : 6, respectively, then the difference between the ages of Sonu and Govind is:

- Ans
- 1. 18 years
  - 2. 21 years
  - 3. 15 years
  - 4. 12 years

Question ID : 8161613584

Status : Answered

Chosen Option : 4

Q.19 If  $x^3 + 2x^2 - ax - b$  is exactly divisible by  $(x^2 - 1)$ , then the values of a and b are:

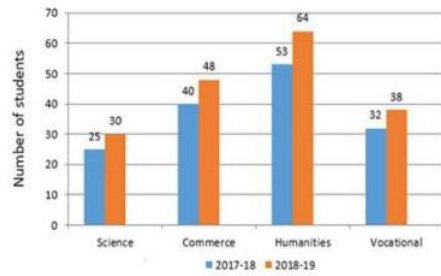
- Ans
- 1.  $a = -1$  and  $b = 2$
  - 2.  $a = 1$  and  $b = -2$
  - 3.  $a = 1$  and  $b = 2$
  - 4.  $a = 2$  and  $b = 2$

Question ID : 8161613595

Status : Not Answered

Chosen Option : --

**Q.20** The given bar graph represents the number of students who appeared in the board examination in session 2017-18 and 2018-19. Study the graph and answer the question that follows.



What is the ratio of the total number of students appeared in examination in 2017-18 and 2018-19?

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

Question ID : 8161613603

Status : Answered

Chosen Option : 1

**Q.21** In an equilateral  $\triangle ABC$ , the medians  $AD$ ,  $BE$  and  $CF$  intersect to each other at point  $G$ . If the area of quadrilateral  $BDGF$  is  $12\sqrt{3}$   $\text{cm}^2$ , then the side of  $\triangle ABC$  is:

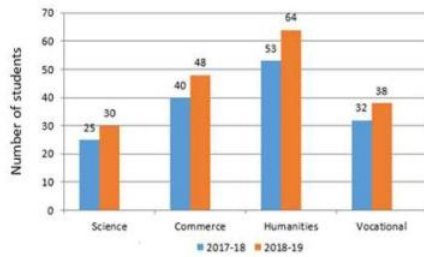
- Ans**
- ✗ 1.  $10\sqrt{3}$  cm
  - ✗ 2. 10 cm
  - ✗ 3.  $12\sqrt{3}$  cm
  - ✓ 4. 12 cm

Question ID : 8161613593

Status : Not Answered

Chosen Option : --

**Q.22** The given bar graph represents the number of students who appeared in the board examination in session 2017-18 and 2018-19. Study the graph and answer the question that follows.



What percentage is the total number of students who appeared in 2017-18 is less than the total number of students who appeared in 2018-19? (correct to one decimal place)

- Ans
- 1. 15%
  - 2. 20.5%
  - 3. 12%
  - 4. 16.7%

Question ID : 8161613605  
 Status : Not Answered  
 Chosen Option : --

**Q.23** The value of  $\frac{\sin 23^\circ \cos 67^\circ \tan 45^\circ + \cos 23^\circ \sin 67^\circ \cos 45^\circ}{2 \sin 45^\circ \cos 45^\circ}$  is:

- Ans
- 1. 0
  - 2. 2
  - 3. 1
  - 4.  $\frac{1}{\sqrt{2}}$

Question ID : 8161613599  
 Status : Not Answered  
 Chosen Option : --

**Q.24** In a circle centred at O, a tangent AP is drawn from an external point A. If OA = 13 cm and OP = 5 cm, then the length of tangent AP is:

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

Question ID : 8161613590  
 Status : Answered  
 Chosen Option : 4



Q.25 If  $x + \frac{1}{x} = 5$ , then the value of  $x^2 + \frac{1}{x^2}$  is:

- Ans  1. 23  
 2. 25  
 3. 29  
 4. 27

Question ID : 8161613594  
Status : Answered  
Chosen Option : 4

Section : General Awareness

Q.1 Who was the chairman of the Economic Programme Committee (EPC) that was formed by All India Congress Committee in 1947?

- Ans  1. Purshotamdas Thakurdas  
 2. Jawaharlal Nehru  
 3. Dadabhai Naorji  
 4. Subhash Chandra Bose

Question ID : 8161612619  
Status : Answered  
Chosen Option : 3

Q.2 Which festival is also known as 'Mahakumbh of the East'?

- Ans  1. Hornbill Festival  
 2. Moatsu Mong  
 3. Ambubachi Mela  
 4. Bihu Festival

Question ID : 8161612613  
Status : Answered  
Chosen Option : 1

Q.3 Which of the following Indian actresses was honored with UNICEF's Danny Kaye Humanitarian Award in December 2019?

- Ans  1. Deepika Padukone  
 2. Priyanka Chopra  
 3. Aishwarya Rai Bachchan  
 4. Dia Mirza

Question ID : 8161612630  
Status : Answered  
Chosen Option : 2

Q.4 On 10th December 2019, which of the following states received the 'World Habitat Award'?

- Ans
- 1. Rajasthan
  - 2. Tripura
  - 3. Chhattisgarh
  - 4. Odisha

Question ID : 8161612615  
Status : Answered  
Chosen Option : 3

Q.5 Who won the Women's 'Leading Cricketer of Year' award for 2018?

- Ans
- 1. Jhulan Goswami
  - 2. Smriti Mandhana
  - 3. Harmanpreet Kaur
  - 4. Mithali Raj

Question ID : 8161612635  
Status : Answered  
Chosen Option : 3

Q.6 In which year was the new Indian Rupee symbol officially adopted by the Government of India?

- Ans
- 1. 2012
  - 2. 2009
  - 3. 2010
  - 4. 2011

Question ID : 8161612618  
Status : Answered  
Chosen Option : 3

Q.7 Which Indian Forest Service (IFS) officer was selected for the Asia Environmental Enforcement award by the United Nations Environment Programme in October 2019?

- Ans
- 1. Ramesh Pandey
  - 2. Sanjiv Chaturvedi
  - 3. Fateh Singh Rathore
  - 4. Hemendra Singh Panwar

Question ID : 8161612617  
Status : Answered  
Chosen Option : 2

**Q.8 In which year was the Rigveda manuscript included in the UNESCO's Memory of the World Register?**

- Ans
- 1. 2005
  - 2. 2006
  - 3. 2004
  - 4. 2007

Question ID : **8161612614**  
Status : **Answered**  
Chosen Option : **3**

**Q.9 Who defeated Ibrahim Lodi in the first Battle of Panipat?**

- Ans
- 1. Sher Shah
  - 2. Mohammad Ghori
  - 3. Babur
  - 4. Akbar

Question ID : **8161612627**  
Status : **Answered**  
Chosen Option : **3**

**Q.10 Which of the following planets is known as a gas giant?**

- Ans
- 1. Earth
  - 2. Mercury
  - 3. Venus
  - 4. Jupiter

Question ID : **8161612623**  
Status : **Answered**  
Chosen Option : **4**

**Q.11 How many function keys are present on a standard PC keyboard?**

- Ans
- 1. 10
  - 2. 9
  - 3. 12
  - 4. 15

Question ID : **8161612611**  
Status : **Answered**  
Chosen Option : **1**

**Q.12 Who was appointed as the first-ever Chief of Defense Staff (CDS) by the Union Cabinet in December 2019?**

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

Question ID : **8161612616**  
Status : **Answered**  
Chosen Option : **1**

**Q.13 Which scientist won the Nobel Prize in 1954 for describing the nature of the structure of chlorophyll in plants and also noted magnesium as the central element in its structure?**

- Ans
- 1. James Watson
  - 2. Werner Heisenberg
  - 3. Hermann Muller
  - 4. Richard Willstätter

Question ID : **8161612622**  
Status : **Answered**  
Chosen Option : **3**

**Q.14 Which Nobel laureate wrote the book 'India: A Million Mutinies Now'?**

- Ans
- 1. Vidiadhar Surajprasad Naipaul
  - 2. Olga Tokarczuk
  - 3. Peter Handke
  - 4. Patrick Modiano

Question ID : **8161612629**  
Status : **Answered**  
Chosen Option : **1**

**Q.15 Which governor general introduced the policy of Subsidiary Alliance, under which the Indian ruler agreed to keep British forces in his territory?**

- Ans
- 1. Lord Wellesley
  - 2. Lord Cornwallis
  - 3. Lord William Bentick
  - 4. Lord Mayo

Question ID : **8161612628**  
Status : **Answered**  
Chosen Option : **1**

Q.16 Superconductivity was discovered by \_\_\_\_\_, who was also awarded the Noble Prize for Physics in 1913.

Ans  1. Robert Bunsen

2. Johannes Diderik van der Waals

3. Heike Kamerlingh Onnes

4. Gustav Kirchhoff

Question ID : 8161612621  
Status : Answered  
Chosen Option : 4

Q.17 Who was elected as the protem Speaker of the 17th Lok Sabha?

Ans  1. Somnath Chatterjee

2. Om Birla

3. Virendra Kumar

4. Sumitra Mahajan

Question ID : 8161612631  
Status : Answered  
Chosen Option : 2

Q.18 Which of the following instruments is used for the measurement of direct beam solar irradiance?

Ans  1. Optometer

2. Chronometer

3. Pyrheliometer

4. Refractometer

Question ID : 8161612625  
Status : Answered  
Chosen Option : 3

Q.19 Which of the following disciplines studies human populations mostly with respect to their size, their structure and their development?

Ans  1. Geomorphology

2. Anthropology

3. Sociology

4. Demography

Question ID : 8161612626  
Status : Answered  
Chosen Option : 2

Q.20 What is the pH of rain water during acid rain?

- Ans
- 1. More than 5.6
  - 2. Between 6 to 8.5
  - 3. Equal to 5.6
  - 4. Less than 5.6

Question ID : 8161612620  
Status : Answered  
Chosen Option : 2

Q.21 Which of the following pairs is NOT matched correctly?

- Ans
- 1. Alt + E – Edit options in current program
  - 2. Alt + Shift + D – Insert the current date
  - 3. Ctrl + K – Cut selected text
  - 4. Ctrl + A – Select all text

Question ID : 8161612612  
Status : Answered  
Chosen Option : 3

Q.22 How many times has Viswanathan Anand won the World Chess Champion title as of January 2020?

- Ans
- 1. 9
  - 2. 8
  - 3. 5
  - 4. 7

Question ID : 8161612633  
Status : Answered  
Chosen Option : 3

Q.23 The ideals of Liberty, Equality and Fraternity (contained in the Preamble of the Constitution of India) are borrowed from the constitution of which country?

- Ans
- 1. Australia
  - 2. Canada
  - 3. Germany
  - 4. France


Question ID : 8161612632  
Status : Answered  
Chosen Option : 4

Q.24 Which of the following is a breed of sheep?

Ans  1. Barbari

 2. Jamunapari

 3. Mecheri

 4. Beetal

Question ID : 8161612624

Status : Answered

Chosen Option : 2

Q.25 Who became the first gymnast to receive the Rajiv Gandhi Khel Ratna Award?

Ans  1. Anant Ram

 2. Aruna Reddy

 3. Ashish Kumar

 4. Dipa Karmakar

Question ID : 8161612634

Status : Answered

Chosen Option : 4

# Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	26/10/2020
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL Tier 1

Section : English Language (Basic Knowledge)

Q.1 Given below are four jumbled sentences. Pick the option that gives their correct order.

- A. He decides to leave home and sets out to find him with the help of his best friend called Sungreen.
- B. It narrates the story of a young and sensitive boy in a tough world.
- C. 'A Boy and Sungreen' is a film by the Chinese filmmaker, Ahn-Ju-Young.
- D. When he finds that his supposedly dead father is alive he decides to act.

- Ans
- 1. DBCA
  - 2. CBDA
  - 3. CABD
  - 4. ABDC

Question ID : 4244291427  
Status : Answered  
Chosen Option : 2

Q.2 Select the INCORRECTLY spelt word.

- Ans
- 1. Liason
  - 2. Magisterial
  - 3. Maintain
  - 4. Jurist

Question ID : 4244291434  
Status : Answered  
Chosen Option : 3

Q.3 Select the most appropriate ANTONYM of the given word.

**OUTSPOKEN**

- Ans
- 1. Ambivalent
  - 2. Candid
  - 3. Equivocal
  - 4. Secretive

Question ID : 4244291430  
Status : Answered  
Chosen Option : 4



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

**Did you inform him about the ticket cancellation?**

- Ans
- 1. Was he informed about the ticket cancellation by you?
  - 2. Will he be informed about the ticket cancellation by you?
  - 3. Is he being informed about the ticket cancellation by you?
  - 4. Was he being informed about the ticket cancellation by you?

Question ID : 4244291416  
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.

Studies have shown that there is no standard advice one can (1)\_\_\_\_\_ to parents. Some guidelines however, may (2)\_\_\_\_\_. The first one is that children are all different and there is no one way (3)\_\_\_\_\_ bringing them up. Each child should be treated as (4)\_\_\_\_\_ individual. The second is that heredity is important, both for intelligence and (5)\_\_\_\_\_.

**SubQuestion No : 5**

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

- Ans
- 1. giving
  - 2. give
  - 3. given
  - 4. gave

Question ID : 4244291421  
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.

Studies have shown that there is no standard advice one can (1)\_\_\_\_\_ to parents. Some guidelines however, may (2)\_\_\_\_\_. The first one is that children are all different and there is no one way (3)\_\_\_\_\_ bringing them up. Each child should be treated as (4)\_\_\_\_\_ individual. The second is that heredity is important, both for intelligence and (5)\_\_\_\_\_.

**SubQuestion No : 6**

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

- Ans
- 1. was provided
  - 2. be provided
  - 3. is provide
  - 4. being provided

Question ID : 4244291422  
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.

Studies have shown that there is no standard advice one can (1)\_\_\_\_\_ to parents. Some guidelines however, may (2)\_\_\_\_\_. The first one is that children are all different and there is no one way (3)\_\_\_\_\_ bringing them up. Each child should be treated as (4)\_\_\_\_\_ individual. The second is that heredity is important, both for intelligence and (5)\_\_\_\_\_.

**SubQuestion No : 7**

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

- Ans  1. by  
 2. of  
 3. from  
 4. off

Question ID : 4244291423  
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.

Studies have shown that there is no standard advice one can (1)\_\_\_\_\_ to parents. Some guidelines however, may (2)\_\_\_\_\_. The first one is that children are all different and there is no one way (3)\_\_\_\_\_ bringing them up. Each child should be treated as (4)\_\_\_\_\_ individual. The second is that heredity is important, both for intelligence and (5)\_\_\_\_\_.

**SubQuestion No : 8**

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

- Ans  1. an  
 2. many  
 3. a  
 4. that

Question ID : 4244291424  
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.

Studies have shown that there is no standard advice one can (1)\_\_\_\_\_ to parents. Some guidelines however, may (2)\_\_\_\_\_. The first one is that children are all different and there is no one way (3)\_\_\_\_\_ bringing them up. Each child should be treated as (4)\_\_\_\_\_ individual. The second is that heredity is important, both for intelligence and (5)\_\_\_\_\_.

**SubQuestion No : 9**

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

- Ans
- 1. personal
  - 2. personnel
  - 3. personality
  - 4. personalise

Question ID : 4244291425  
Status : Answered  
Chosen Option : 3

**Q.10 Select the correct Indirect form of the given sentence.**

The minister said, "It is tragic that the Australian bush fires have claimed the lives of so many helpless animals."

- Ans
- 1. The minister said that it was tragic that the Australian bush fires had claimed the lives of so many helpless animals.
  - 2. The minister said that it was tragic that the Australian bush fires claimed the lives of so many helpless animals.
  - 3. The minister said that it was tragic that the Australian bush fires were claiming the lives of so many helpless animals.
  - 4. The minister said that it was tragic that the Australian bush fires have been claiming the lives of so many helpless animals.

Question ID : 4244291417  
Status : Answered  
Chosen Option : 1

**Q.11 Select the most appropriate word to fill in the blank.**

In our metro cities the contrast between the high rise buildings with the slums behind is \_\_\_\_\_.

- Ans
- 1. comforting
  - 2. interesting
  - 3. laudable
  - 4. appalling

Question ID : 4244291440  
Status : Answered  
Chosen Option : 1

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

Keep up appearances

- Ans
- 1. To pretend to be happier or richer so as to conceal the real situation
  - 2. To spend a lot of time on appearances so as to lead the fashion world
  - 3. To deliberately appear shabby and not care to impress people
  - 4. To waste a lot of money on mindless shopping and not bother about the consequences

Question ID : 4244291432

Status : Answered

Chosen Option : 1

Q.13 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No improvement'.

The week-long Theatre Festival has begun with a wonderful lines of plays.

- Ans
- 1. No improvement
  - 2. lined up
  - 3. lines up
  - 4. line up

Question ID : 4244291428

Status : Answered

Chosen Option : 2

Q.14 In the sentence identify the segment which contains the grammatical error.

Mani Kaul begun his career as an actor and a director of short films before doing his debut feature film, 'Uski Roti.'

- Ans
- 1. debut feature film, 'Uski Roti.'
  - 2. begun his career as an actor
  - 3. a director of short films
  - 4. before doing his

Question ID : 4244291419

Status : Answered

Chosen Option : 2

Q.15 Select the most appropriate meaning of the given idiom.

In the blink of an eye

- Ans
- 1. Something that is not real
  - 2. Within a very short period of time
  - 3. Within a very long period of time
  - 4. Something that is unavoidable

Question ID : 4244291433

Status : Answered

Chosen Option : 2

Q.16 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'.

Some people believe that 2020 is going to be a very significant year in our history.

- Ans  1. No improvement  
 2. will going  
 3. were going  
 4. are going

Question ID : 4244291429  
Status : Answered  
Chosen Option : 1

Q.17 Select the most appropriate word to fill in the blank.

The politician was responsible for \_\_\_\_\_ violence in the university.

- Ans  1. inciting  
 2. winning  
 3. losing  
 4. preparing

Question ID : 4244291441  
Status : Answered  
Chosen Option : 1

Q.18 Select the INCORRECTLY spelt word.

- Ans  1. Syllabi  
 2. Aggravate  
 3. Zoologist  
 4. Luxurient

Question ID : 4244291435  
Status : Answered  
Chosen Option : 1

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

COMPATRIOT

- Ans  1. Brethren  
 2. Countryman  
 3. Outsider  
 4. Insider

Question ID : 4244291431  
Status : Answered  
Chosen Option : 1

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

Unable to think clearly because of a mental illness

- Ans
- 1. Deranged
  - 2. Eccentric
  - 3. Whimsical
  - 4. Balanced

Question ID : 4244291436  
Status : Answered  
Chosen Option : 3

Q.21 Given below are four jumbled sentences. Pick the option that gives their correct order.

- A. He would be accompanied by fifty or sixty torchbearers.
- B. When dawn broke the Emperor would alight, say his prayers and return by 8 a.m.
- C. They would all head towards the river Jamuna.
- D. During the winter months the Badshah Bahadur Shah Jafar would set off on his horse at 3 a.m.

- Ans
- 1. DCBA
  - 2. CBAD
  - 3. BACD
  - 4. DACB

Question ID : 4244291426  
Status : Answered  
Chosen Option : 4

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

Often hailed as one of the greatest industry leaders of India, Ratan Tata take across the reins of the company, leading from the front.

- Ans
- 1. leading from the front
  - 2. Often hailed as one of
  - 3. the greatest industry leaders from India,
  - 4. Ratan Tata take across the reins of the company

Question ID : 4244291418  
Status : Answered  
Chosen Option : 4

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

DETERIORATE

- Ans
- 1. Enliven
  - 2. Worsen
  - 3. Fasten
  - 4. Improve

Question ID : 4244291438  
Status : Answered  
Chosen Option : 2

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

**DESPONDENT**

- Ans
- 1. Energetic
  - 2. Neutral
  - 3. Cheerful
  - 4. Depressed

Question ID : 4244291439  
Status : Answered  
Chosen Option : 4

Q.25 Select the word that means the same as the given group of words.

**A person working on a trial period**

- Ans
- 1. Probationer
  - 2. Petitioner
  - 3. Practitioner
  - 4. Professional

Question ID : 4244291437  
Status : Answered  
Chosen Option : 3

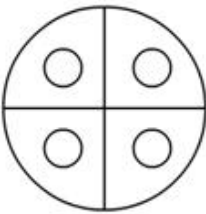
Section : General Intelligence

**Q.1** A paper is folded and cut as shown in the following figure. How will this paper look when unfolded?

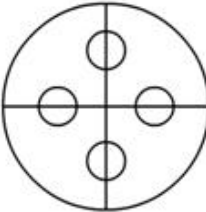


**Ans**

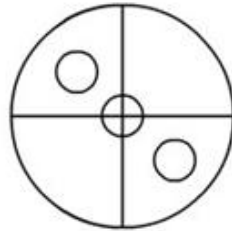
✓ 1.



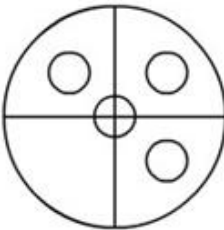
✗ 2.



✗ 3.



✗ 4.



Question ID : 4244291464

Status : Answered

Chosen Option : 1

**Q.2** In a certain code language, PERNMETER is coded as 152785352, AREA is coded as 4254, and METAL is coded as 85349. How will LANE be coded as in that language?

**Ans** ✗ 1. 8451

✓ 2. 9475

✗ 3. 5214

✗ 4. 3245

Question ID : 4244291451

Status : Answered

Chosen Option : 2



Q.3 'Movie' is related to 'Actor' in the same way as 'Magazine' is related to '\_\_\_\_\_ '.

- Ans
- 1. Singer
  - 2. Publisher
  - 3. Writer
  - 4. Seller

Question ID : 4244291453  
Status : Answered  
Chosen Option : 3

Q.4 In a certain code language, 'QUESTION' is written as 'PTDRSHNM'. How will 'ANSWER' be written as in that language?

- Ans
- 1. NRVDQ
  - 2. YLQUCP
  - 3. YMRVDQ
  - 4. ZMRVDQ

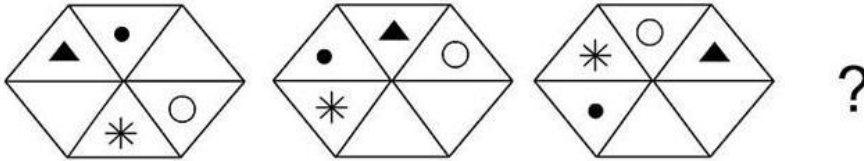
Question ID : 4244291450  
Status : Answered  
Chosen Option : 4

Q.5 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. GIK
  - 2. TUV
  - 3. BDF
  - 4. NPR

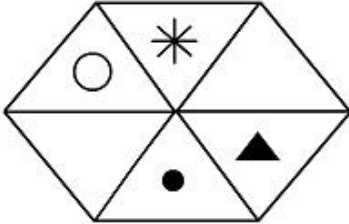
Question ID : 4244291457  
Status : Answered  
Chosen Option : 2

Q.6 Select the option figure that can replace the question mark (?) in the following series.

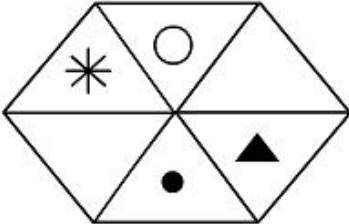


Ans

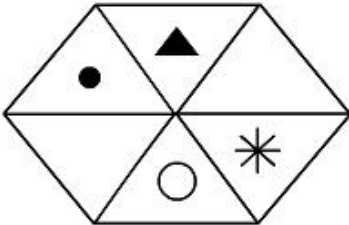
✓ 1.



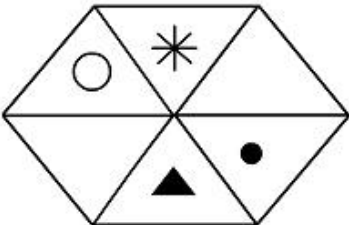
✗ 2.



✗ 3.



✗ 4.



Question ID : 4244291461

Status : Answered

Chosen Option : 1

**Q.7** Which of the given options is NOT an example of a number triad with the following properties?

1. The second number is the square of the first number.
2. The third number is the cube of the first number.

**Ans**

1. (11, 121, 1341)  
 2. (17, 289, 4913)  
 3. (13, 169, 2197)  
 4. (12, 144, 1728)

Question ID : 4244291446

Status : Answered

Chosen Option : 3

**Q.8** Seeing a portrait, Rucha asked Seema, "Whose portrait is this?". Seema replied, "Her son is the father of my daughter". Whose portrait is it?

**Ans**

1. Seema  
 2. Seema's mother-in-law  
 3. Seema's sister  
 4. Seema's mother

Question ID : 4244291455

Status : Answered

Chosen Option : 2

**Q.9** Observe the following pattern and answer the given question.

U  
S T  
R Q P  
L M N O  
K J I H G  
A B C D E F

Select the option that is related to the third letter-pair in the same way as the second letter-pair is related to the first letter-pair.

LB : KJ :: ND : ?

**Ans**

1. DE  
 2. QP  
 3. IH  
 4. HI

Question ID : 4244291452

Status : Answered

Chosen Option : 3

**Q.10** Select the option that is related to the third number in the same way as the second number is related to the first number.

23 : 110 :: 17 : ?

- Ans**
- 1. 70
  - 2. 85
  - 3. 90
  - 4. 80

Question ID : 4244291444  
Status : Answered  
Chosen Option : 4

**Q.11** Select the option that is related to the fourth term in the same way as the first term is related to the second term.

World Environment Day : 5 June :: ? : 20 August

- Ans**
- 1. Renewable Energy Day
  - 2. International Women's Day
  - 3. World AIDS Day
  - 4. World Water Day

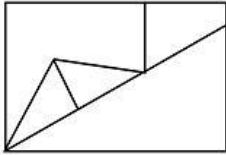
Question ID : 4244291456  
Status : Answered  
Chosen Option : 1

**Q.12** Four number triads have been given, out of which three are alike in some manner and one is different. Select the number triad that is different from the rest.

- Ans**
- 1. (192, 384, 576)
  - 2. (352, 436, 646)
  - 3. (219, 438, 657)
  - 4. (327, 654, 981)

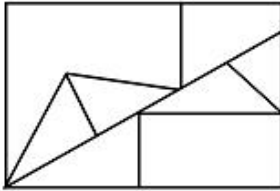
Question ID : 4244291445  
Status : Not Answered  
Chosen Option : --

Q.13 Select the option in which the given figure is embedded. (Rotation is not allowed)

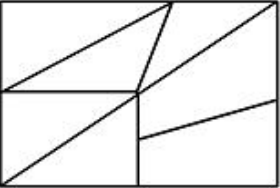


Ans

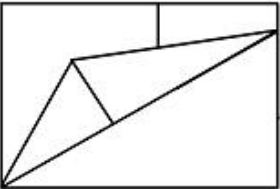
✓ 1.



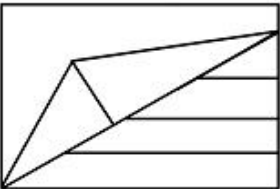
✗ 2.



✗ 3.



✗ 4.

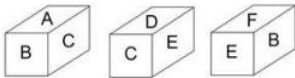


Question ID : 4244291463

Status : Answered

Chosen Option : 1

Q.14 Three different positions of a dice are shown. Select the letter that will be on the face opposite to the one having 'A'.



Ans ✓ 1. E

✗ 2. F

✗ 3. D

✗ 4. C

Question ID : 4244291460

Status : Answered

Chosen Option : 1

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

ab\_\_bb\_\_aa\_ba\_\_ab\_\_

- Ans**
- 1. ababbaab
  - 2. aaabbbab
  - 3. babaabaa
  - 4. bbaabbaa

Question ID : 4244291454

Status : **Answered**

Chosen Option : 3

**Q.16** Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans**
- 1. April
  - 2. June
  - 3. March
  - 4. May

Question ID : 4244291458

Status : **Not Answered**

Chosen Option : --

**Q.17** Select the correct option that represents the given Venn diagram.



- Ans**
- 1. School, Class, Students
  - 2. Ocean, River, Lake
  - 3. Whole numbers, Even numbers, Odd numbers
  - 4. Maharashtra, Mumbai, Delhi

Question ID : 4244291466

Status : **Answered**

Chosen Option : 4

Q.18 Which two numbers need to be interchanged to make the following equation correct?

$$8 \times \frac{3}{4} + 5 - 9 = 10$$

- Ans
- 1. 4 and 8
  - 2. 3 and 9
  - 3. 5 and 9
  - 4. 3 and 4

Question ID : 4244291443  
Status : Answered  
Chosen Option : 3

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

1, 4, 3, 9, 5, ?, 7, 25

- Ans
- 1. 12
  - 2. 18
  - 3. 14
  - 4. 16

Question ID : 4244291447  
Status : Answered  
Chosen Option : 4

Q.20 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 singers are honest.
- 2. Some players are singers.

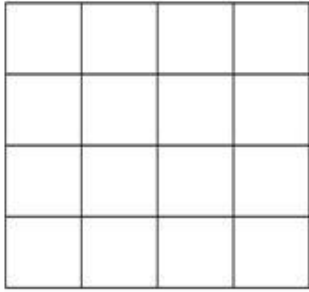
**Conclusions:**

- I. All players are honest.
- II. Some players are honest.

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

Question ID : 4244291459  
Status : Answered  
Chosen Option : 1

Q.21 Find the number of squares in the following figure.



- Ans
- 1. 30
  - 2. 28
  - 3. 24
  - 4. 32

Question ID : 4244291462  
Status : Answered  
Chosen Option : 1

Q.22 After three years, the total age of a mother and son will be 50. The mother's age was 30 before three years. What is her son's present age?

- Ans
- 1. 6 years
  - 2. 12 years
  - 3. 8 years
  - 4. 11 years

Question ID : 4244291442  
Status : Answered  
Chosen Option : 4



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

FAt

Ans

✗ 1.

EVf

✓ 2.

tA7

✗ 3.

tA7

✗ 4.

tAF

Question ID : 4244291465

Status : Answered

Chosen Option : 2

**Q.24** Complete the following series by replacing the question mark (?) in the given series.

AA, BD, GK, ?

Ans

✗ 1. OU

✓ 2. PV

✗ 3. PU

✗ 4. OV

Question ID : 4244291449

Status : Answered

Chosen Option : 2

Q.25 Identify the number that does NOT belong to the following series.

2, 4, 8, 14, 20, 32

- Ans
- 1. 32
  - 2. 14
  - 3. 8
  - 4. 20

Question ID : 4244291448  
Status : Answered  
Chosen Option : 4

Section : Quantitative Aptitude(Basic Arithmetic Skill)

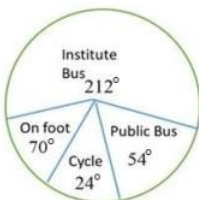
Q.1 If  $x = 3 + 2\sqrt{2}$ , then the value of  $\sqrt{x} - \frac{1}{\sqrt{x}}$  is:

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

Question ID : 4244291481  
Status : Answered  
Chosen Option : 3

Q.2 Study the pie-chart and answer the question.

In an institute, there are 900 students who use different modes of transport for to and from travel. The given pie diagram represents the requisite data.



The number of students who do NOT use the institute bus is:

- Ans
- 1. 420
  - 2. 370
  - 3. 360
  - 4. 350

Question ID : 4244291488  
Status : Answered  
Chosen Option : 2

Q.3 The divisor is 24 times the quotient and 8 times the remainder. If the quotient is 18, then the dividend is:

- Ans
- 1. 7830
  - 2. 7630
  - 3. 7840
  - 4. 7450

Question ID : 4244291483  
Status : Not Answered  
Chosen Option : --

Q.4 If  $\cos 27^\circ = x$ , then the value of  $\tan 63^\circ$  is:

- Ans
- 1.  $\frac{\sqrt{1+x^2}}{x}$
  - 2.  $\frac{x}{\sqrt{1+x^2}}$
  - 3.  $\frac{\sqrt{1-x^2}}{x}$
  - 4.  $\frac{x}{\sqrt{1-x^2}}$

Question ID : 4244291485  
Status : Answered  
Chosen Option : 3

Q.5 If the diagonal of a cube is  $\sqrt{27}$  cm, then its volume is:

- Ans
- 1.  $27 \text{ cm}^3$
  - 2.  $32 \text{ cm}^3$
  - 3.  $30 \text{ cm}^3$
  - 4.  $25 \text{ cm}^3$

Question ID : 4244291469  
Status : Answered  
Chosen Option : 1

Q.6 The profit made by selling an article for ₹13,400 is equal to the amount of loss incurred on selling the same article at ₹11,600. What will be the profit (in ₹) if it is sold for ₹14,750?

- Ans
- 1. 2,000
  - 2. 2,520
  - 3. 2,500
  - 4. 2,250

Question ID : 4244291473  
Status : Answered  
Chosen Option : 4

Q.7 If  $a = \frac{2+\sqrt{3}}{2-\sqrt{3}}$  and  $b = \frac{2-\sqrt{3}}{2+\sqrt{3}}$ , then the value of  $a^2 + b^2 + ab$  is:

- Ans
- ✓ 1. 195
  - ✗ 2. 185
  - ✗ 3. 196
  - ✗ 4. 186

Question ID : 4244291482  
Status : Answered  
Chosen Option : 1

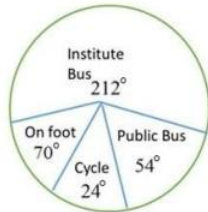
Q.8 The ages of Fatima and Ahmed are in the ratio 3 : 8. The sum of their present ages is 44 years. The difference of their ages is:

- Ans
- ✗ 1. 30 years
  - ✗ 2. 11 years
  - ✗ 3. 24 years
  - ✓ 4. 20 years

Question ID : 4244291474  
Status : Answered  
Chosen Option : 4

Q.9 Study the pie-chart and answer the question.

In an institute, there are 900 students who use different modes of transport for to and from travel. The given pie diagram represents the requisite data.



The number of students who travel on foot is:

- Ans
- ✓ 1. 175
  - ✗ 2. 150
  - ✗ 3. 225
  - ✗ 4. 180

Question ID : 4244291489  
Status : Answered  
Chosen Option : 1

**Q.10** If  $x, y$  are acute angles, where  $0 < x + y < 90^\circ$  and  $\sin(3x - 40^\circ) = \cos(3y + 40^\circ)$ , then the value of  $\tan(x + y)$  is equal to:

Ans

1.  $\frac{1}{\sqrt{2}}$

2.  $\frac{1}{\sqrt{3}}$

3.  $\sqrt{3}$

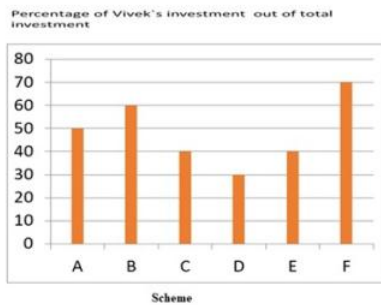
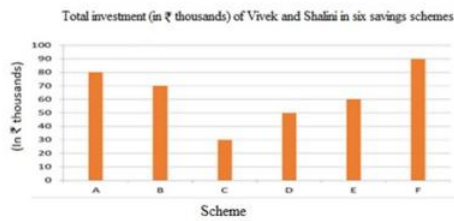
4.  $\frac{1}{3}$

Question ID : 4244291487

Status : Answered

Chosen Option : 2

**Q.11** Study the following graph and answer the question given below.



What is the ratio of the total amount invested by Vivek in schemes A and C together to the total amount invested by Shalini in schemes A and C together?

Ans

1. 23 : 25

2. 25 : 29

3. 23 : 27

4. 26 : 29

Question ID : 4244291491

Status : Not Answered

Chosen Option : --

Q.12

If  $a + b + c = 0$ , then  $\left(\frac{2a^2}{3bc} + \frac{2b^2}{3ca} + \frac{2c^2}{3ab}\right)$  is equal to:

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

Question ID : 4244291480

Status : Answered

Chosen Option : 4

Q.13 Two tangents PA and PB are drawn from an external point P to a circle with centre O at the points A and B respectively on it, such that  $\angle APB = 120^\circ$  and  $AP = 12.5$  cm. The length of OP is:

- Ans
- 1. 24 cm
  - 2. 25 cm
  - 3. 26 cm
  - 4. 20 cm

Question ID : 4244291476

Status : Answered

Chosen Option : 2

Q.14 What sum of money at compound interest will amount to ₹4,630.08 in three years if the rate of interest is 4% for the first year, 5% for the second year and 6% for the third year?

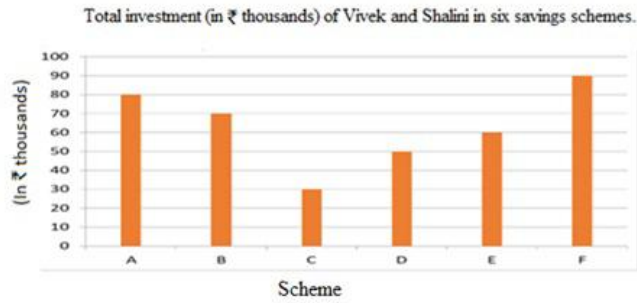
- Ans
- 1. ₹4,500
  - 2. ₹4,800
  - 3. ₹4,000
  - 4. ₹3,500

Question ID : 4244291475

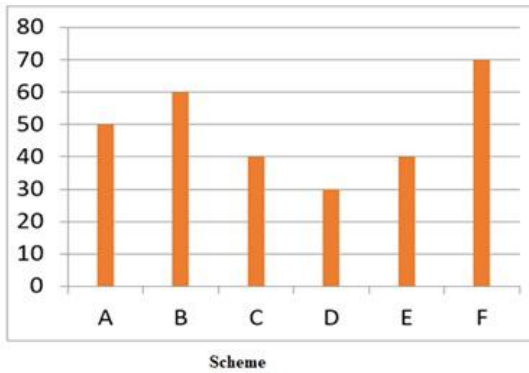
Status : Not Answered

Chosen Option : --

Q.15 Study the following graphs and answer the question given below.



Percentage of Vivek's investment out of total investment



What is the average amount invested by Vivek in savings schemes A, B, C and D?

- Ans
- 1. ₹27,200
  - 2. ₹28,500
  - 3. ₹27,250
  - 4. ₹27,000

Question ID : 4244291490  
Status : Not Answered  
Chosen Option : --

Q.16 The difference between two positive numbers is equal to 30% of the greater number. If the smaller number is 28, then the sum of both the numbers is:

- Ans
- 1. 72
  - 2. 65
  - 3. 68
  - 4. 64

Question ID : 4244291472  
Status : Answered  
Chosen Option : 3

Q.17

The value of  $3\frac{1}{3} - \left[ \frac{9}{4} + \left\{ \frac{5}{4} - \frac{1}{13} \times \left( \frac{5}{2} - \frac{1}{3} \right) \right\} \right]$  is:

- Ans
- 1. 10
  - 2. 0
  - 3. 5
  - 4. 1

Question ID : 4244291484  
Status : Not Answered  
Chosen Option : --

Q.18 A circle inscribed in a triangle ABC touches its sides AB, BC and AC at the points D, E and F, respectively. If AB = 18 cm, BC = 15 cm and AC = 13 cm, then the value of AD + BE + CF is:

- Ans
- 1. 25 cm
  - 2. 33 cm
  - 3. 23 cm
  - 4. 20 cm

Question ID : 4244291477  
Status : Not Answered  
Chosen Option : --

Q.19

If  $\tan \theta = \frac{2}{\sqrt{11}}$ ,  $0 < \theta < 90^\circ$ , then the value of  $\frac{2 \operatorname{cosec}^2 \theta - 3 \sec^2 \theta}{3 \operatorname{cosec}^2 \theta + 4 \sec^2 \theta}$  is equal to:

- Ans
- 1.  $\frac{11}{45}$
  - 2.  $\frac{11}{49}$
  - 3.  $\frac{13}{49}$
  - 4.  $\frac{10}{49}$

Question ID : 4244291486  
Status : Not Answered  
Chosen Option : --



**Q.20** In an isosceles triangle ABC,  $AB = AC$  and AD is perpendicular to BC at D. If  $AD = 8$  cm and perimeter of  $\triangle ABC$  is 64 cm, then the area of  $\triangle ABC$  is:

- Ans**
- 1.  $130 \text{ cm}^2$
  - 2.  $124 \text{ cm}^2$
  - 3.  $120 \text{ cm}^2$
  - 4.  $125 \text{ cm}^2$

Question ID : 4244291479  
Status : Answered  
Chosen Option : 3

**Q.21** A and B working together can do 45% of the work in 9 days. A alone can do the work in 30 days. How many days will B alone take to do the same work?

- Ans**
- 1. 60 days
  - 2. 70 days
  - 3. 48 days
  - 4. 50 days

Question ID : 4244291467  
Status : Answered  
Chosen Option : 1

**Q.22** The average weight of P, Q and R is 62 kg. The weight of R is 12 kg more than P and 9 kg more than Q. What is the average weight of P, Q, R and S if weight of S is 15 kg less than R?

- Ans**
- 1. 58 kg
  - 2. 62 kg
  - 3. 64 kg
  - 4. 60 kg

Question ID : 4244291470  
Status : Not Answered  
Chosen Option : --

**Q.23** A car moves a distance of 600 km with uniform speed. The number of hours taken for the journey is  $\frac{2}{3}$  of the number representing speed in km/h. The time taken to cover the distance is:

- Ans**
- 1. 15 hours
  - 2. 18 hours
  - 3. 24 hours
  - 4. 20 hours

Question ID : 4244291468  
Status : Answered  
Chosen Option : 1

**Q.24** The exterior angle of a triangle is  $115^\circ$  and the corresponding interior opposite angles are in the ratio 2 : 3. The measure of greatest angle of the triangle is:

- Ans
- 1.  $70^\circ$
  - 2.  $65^\circ$
  - 3.  $69^\circ$
  - 4.  $79^\circ$

Question ID : 4244291478  
Status : Answered  
Chosen Option : 3

**Q.25** The difference between the selling prices obtained after a single discount of 45% and two successive discounts of 30% and 15% on the marked price ₹12,000 of an article is:

- Ans
- 1. ₹440
  - 2. ₹560
  - 3. ₹520
  - 4. ₹540

Question ID : 4244291471  
Status : Not Answered  
Chosen Option : --

Section : General Awareness

**Q.1** Who has created LISP, the Programming Language for Artificial Intelligence?

- Ans
- 1. Grace Hopper
  - 2. John McCarthy
  - 3. Charles Bachman
  - 4. Leslie Lamport

Question ID : 4244291492  
Status : Not Answered  
Chosen Option : --

**Q.2** Who is the first Indian male cricketer to play 100 matches of T-20 format?

- Ans
- 1. Yuzvendra Chahal
  - 2. K. L. Rahul
  - 3. Rohit Sharma
  - 4. Virat Kohli

Question ID : 4244291515  
Status : Answered  
Chosen Option : 3

Q.3 In which year were the first modern Summer Olympic games held?

- Ans
- 1. 1897
  - 2. 1898
  - 3. 1896
  - 4. 1894

Question ID : 4244291516  
Status : Answered  
Chosen Option : 3

Q.4 Which of the following is NOT a metamorphic rock?

- Ans
- 1. Marble
  - 2. Sandstone
  - 3. Quartzite
  - 4. Diamond

Question ID : 4244291504  
Status : Answered  
Chosen Option : 2

Q.5 Who is the Minister of Youth Affairs and Sports as of February 2020?

- Ans
- 1. Kiren Rijju
  - 2. Anup Sridhar
  - 3. Radheshyam Julaniya
  - 4. M S Gill

Question ID : 4244291514  
Status : Answered  
Chosen Option : 1

Q.6 Who is the current (23rd) Chief Election Commissioner of India?

- Ans
- 1. Kalyan Sundaram
  - 2. Ashok Lavasa
  - 3. Sushil Chandra
  - 4. Sunil Arora

Question ID : 4244291513  
Status : Answered  
Chosen Option : 4

**Q.7 Which article of the Indian Constitution prohibits trafficking in human beings and forced labour?**

- Ans
- 1. Article 25
  - 2. Article 23
  - 3. Article 13
  - 4. Article 5

Question ID : 4244291512  
Status : Answered  
Chosen Option : 2

**Q.8 All parallel circles from the Equator to the poles are known as\_\_\_\_\_**

- Ans
- 1. Parallels of Latitude
  - 2. Arctic Circle
  - 3. Tropic of Cancer
  - 4. Antarctic Circle

Question ID : 4244291507  
Status : Answered  
Chosen Option : 3

**Q.9 Which among the following is a western coast island?**

- Ans
- 1. Pamban
  - 2. Elephanta
  - 3. Parikud
  - 4. Sriharikota

Question ID : 4244291506  
Status : Answered  
Chosen Option : 1

**Q.10 Who was the winner of the Dadasaheb Phalke Award which was presented in 2019?**

- Ans
- 1. Manoj Kumar
  - 2. Shashi Kapoor
  - 3. Vinod Khanna
  - 4. Amitabh Bachchan

Question ID : 4244291511  
Status : Answered  
Chosen Option : 4

Q.11 Which of the following is a dance form of Meghalaya?

- Ans  1. Laho  
 2. Cheraw  
 3. Dalkhai  
 4. Rangma

Question ID : 4244291494  
Status : Answered  
Chosen Option : 2

Q.12 Where is the Baglihar Dam located?

- Ans  1. Gujarat  
 2. Himachal Pradesh  
 3. Jammu & Kashmir  
 4. Telangana

Question ID : 4244291505  
Status : Answered  
Chosen Option : 3

Q.13 Which of the following is the allotropic form of carbon?

- Ans  1. Coal  
 2. Graphite  
 3. Charcoal  
 4. Lamp black

Question ID : 4244291503  
Status : Answered  
Chosen Option : 2

Q.14 What is the Rigvedic name of the river Ravi?

- Ans  1. Vitasa  
 2. Asikini  
 3. Shutudri  
 4. Parushni

Question ID : 4244291508  
Status : Answered  
Chosen Option : 4

Q.15 Who is the Miss Universe crown winner for the year 2019?

- Ans
- 1. Catriona Gray
  - 2. Sofia Aragon
  - 3. Zozibini Tunzi
  - 4. Madison Anderson

Question ID : 4244291510  
Status : Answered  
Chosen Option : 3

Q.16 Who won the Women US Open title of 2019?

- Ans
- 1. Bianca Andreescu
  - 2. Caroline Wozniacki
  - 3. Ashleigh Barty
  - 4. Sloane Stephens

Question ID : 4244291496  
Status : Answered  
Chosen Option : 1

Q.17 What was the name of the oldest female black rhino which died in 2019?

- Ans
- 1. Fausta
  - 2. Anes
  - 3. Suidae
  - 4. Canidae

Question ID : 4244291498  
Status : Not Answered  
Chosen Option : --

Q.18 Hydrochloric acid is secreted in which part of our digestive system?

- Ans
- 1. Mouth
  - 2. Stomach
  - 3. Liver
  - 4. Small intestine

Question ID : 4244291502  
Status : Answered  
Chosen Option : 2

Q.19 At which place was the Saffron Mission initiated in 2010?

- Ans
- 1. Andhra Pradesh
  - 2. Karnataka
  - 3. Jammu and Kashmir
  - 4. Haryana

Question ID : 4244291499  
Status : Answered  
Chosen Option : 3

Q.20 Who was the Mughal Emperor at the time of Battle of Plassey?

- Ans
- 1. Alamgir II
  - 2. Siraj- Ud- Daulah
  - 3. Mir Quasim
  - 4. Shah Alam II

Question ID : 4244291509  
Status : Answered  
Chosen Option : 2

Q.21 'Kalamezhuthu' is a ritual art form found in:

- Ans
- 1. Maharashtra
  - 2. Kerala
  - 3. Karnataka
  - 4. Tamil Nadu

Question ID : 4244291495  
Status : Answered  
Chosen Option : 4

Q.22 When was the National Stock Exchange of India established?

- Ans
- 1. 1991
  - 2. 1994
  - 3. 1993
  - 4. 1992

Question ID : 4244291500  
Status : Answered  
Chosen Option : 3

Q.23 A computer on the Internet that uses HTTP protocol is known as:

- Ans
- 1. LAN
  - 2. Web Server
  - 3. WAP
  - 4. WLAN

Question ID : 4244291493  
Status : Answered  
Chosen Option : 2

Q.24 Who has created a record for longest single spaceflight in 2019?

- Ans
- 1. Nick Hague
  - 2. Anne Mc Clam
  - 3. Jessica Meir
  - 4. Christina Koch

Question ID : 4244291497  
Status : Answered  
Chosen Option : 1

Q.25 Which is the rarest element?

- Ans
- 1. Astatine
  - 2. Radon
  - 3. Uranium
  - 4. Lithium

Question ID : 4244291501  
Status : Answered  
Chosen Option : 1