

**Combined Higher Secondary Level Examination 2020 (Tier-I)**

Roll Number	
Candidate Name	
Venue Name	
Exam Date	05/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Higher Secondary Level Exam 2020

Section : English Language

**Q.1 Select the most appropriate word to fill in the blank.**

Today you may not \_\_\_\_\_ what you hear, but that is the truth and you have to accept it.

- Ans
- 1. answer
  - 2. reply
  - 3. enjoy
  - 4. like

Question ID : 6549787761  
 Status : Answered  
 Chosen Option : 4

**Q.2 Select the option that can be used as a one-word substitute for the given group of words.**

The branch of physics concerned with the properties of sound

- Ans
- 1. Optics
  - 2. Photonics
  - 3. Mechanics
  - 4. Acoustics

Question ID : 6549786343  
 Status : Answered  
 Chosen Option : 2

**Q.3 Select the most appropriate word to fill in the blank.**

His voice was \_\_\_\_\_ by the sound of the helicopter.

- Ans
- 1. driven
  - 2. drawn
  - 3. dawned
  - 4. drowned

Question ID : 6549786348  
 Status : Answered  
 Chosen Option : 1

Q.4 Select the INCORRECTLY spelt word.

- Ans
- 1. Resolute
  - 2. Hautily
  - 3. Discussion
  - 4. Evidence

Question ID : 6549787756  
Status : Answered  
Chosen Option : 2

Q.5 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

- A. As a result, he had a debt of 500 million US dollars at the time of his death.
- B. Unfortunately, he began spending lavishly on anything he desired, not what he actually needed.
- C. Michael Jackson, called the 'King of Pop Music', stayed at the top of his career for many years.
- D. He was respected for his work culture; he would spend long nights at the studio to fix a note correctly in a song.

- Ans
- 1. DBAC
  - 2. CDBA
  - 3. BADC
  - 4. ADCB

Question ID : 6549787747  
Status : Not Answered  
Chosen Option : --

Q.6 Select the most appropriate meaning of the given idiom.

To have eggs on one's face

- Ans
- 1. To be embarrassed because of one's action
  - 2. To apply egg yolk on one's face for making it look beautiful
  - 3. To throw eggs on a speaker's face
  - 4. To buy eggs and break them

Question ID : 6549787753  
Status : Answered  
Chosen Option : 1

Q.7 Select the option that expresses the given sentence in passive voice.

Sai Kumari gave Akhila a bouquet of lilies on her birthday.

- Ans
- 1. Akhila was given a bouquet of lilies on her birthday by Sai Kumari.
  - 2. Akhila was gave a bouquet of lilies on her birthday by Sai Kumari.
  - 3. Akhila is given a bouquet of lilies on her birthday by Sai Kumari.
  - 4. Akhila gave a bouquet of lilies on her birthday to Sai Kumari.

Question ID : 6549786323  
Status : Answered  
Chosen Option : 1

**Q.8** The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

A probe has been ordered / by the incident / that occurred at the celebrations.

- Ans
- 1. A probe has been ordered
  - 2. that occurred at the celebrations
  - 3. by the incident
  - 4. No error

Question ID : 6549786326  
Status : Not Answered  
Chosen Option : --

**Q.9** Select the most appropriate ANTONYM of the given word.

Disheveled

- Ans
- 1. Untidy
  - 2. Cluttered
  - 3. Ordered
  - 4. Unkempt

Question ID : 6549786338  
Status : Answered  
Chosen Option : 3

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

Despicable

- Ans
- 1. Commendable
  - 2. Laudable
  - 3. Contemptible
  - 4. Desirable

Question ID : 6549786346  
Status : Answered  
Chosen Option : 3

**Q.11** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

India has identified a nose-based vaccine against Covid-19 that could be a 'game-changer'.

- Ans
- 1. No substitution required
  - 2. a nasal vaccine
  - 3. an aural vaccine
  - 4. a sense-based vaccine

Question ID : 6549787750  
Status : Answered  
Chosen Option : 2

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

A new project or business activity involving some risk

- Ans
- 1. Entrepreneur
  - 2. Venture (n)
  - 3. Experiment
  - 4. Taboo

Question ID : 6549787758  
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 substitution required'.

Lavanya was happy to see that the tree they had planted the previous year has grow quite taller.

- Ans
- 1. No substitution required
  - 2. had grown quite tall
  - 3. had grow quite taller
  - 4. had grown quite tallest

Question ID : 6549786335  
Status : Answered  
Chosen Option : 2

Q.14 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The sports day events / will be conducted / from 3:30 p.m. and 5:30 p.m. / on Saturday.

- Ans
- 1. The sports day events
  - 2. from 3:30 p.m. and 5:30 p.m.
  - 3. on Saturday
  - 4. will be conducted

Question ID : 6549787739  
Status : Answered  
Chosen Option : 2

Q.15 Select the option that expresses the given sentence in direct speech.

The students asked the teacher where they could find the information for their project.

- Ans
- 1. The students said to the teacher, "Where can you find the information for our project?"
  - 2. The students asked the teacher, "Where can we find the information for our project?"
  - 3. The teacher said to the students, "Where you can find the information for your project."
  - 4. The teacher said to the students, "I will tell you where you can find the information for your project."

Question ID : 6549787738  
Status : Answered  
Chosen Option : 2

Q.16 Select the **INCORRECTLY** spelt word.

- Ans  1. Possesions  
 2. Irritation  
 3. Invitation  
 4. Protection

Question ID : 6549786341  
Status : Answered  
Chosen Option : 1

Q.17 Select the most appropriate synonym of the given word.

Forbid

- Ans  1. Close  
 2. Prohibit  
 3. Adieu  
 4. Encourage

Question ID : 6549787759  
Status : Answered  
Chosen Option : 2

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

Accustomed

- Ans  1. Terrific  
 2. Fabulous  
 3. Ordinary  
 4. Unusual

Question ID : 6549787751  
Status : Answered  
Chosen Option : 3

Q.19 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

- A. Humans work because they have to; they play because they want to.  
B. The most useful definitions are those that clarify the relationship of sports to play, games and contests.  
C. "Play," wrote the German theorist Carl Diem, "is purposeless activity, for its own sake, the opposite of work."  
D. Sports are part of every culture, past and present, but each culture has its own definition of sports.

- Ans  1. ABCD  
 2. DCBA  
 3. DBCA  
 4. BADC

Question ID : 6549786334  
Status : Answered  
Chosen Option : 3

**Q.20 Select the most appropriate meaning of the given idiom.**

**Thick as thieves**

- Ans**
- 1. Having a close friendship
  - 2. Being very dishonest
  - 3. Never helping anyone
  - 4. Telling lies all the time

Question ID : 6549786340

Status : Answered

Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Meghalaya, a hilly state of India, is located in the northeastern part of the country. It is (1)\_\_\_\_\_ by the Indian state of Assam in the north and northeast and (2) \_\_\_\_\_ Bangladesh in the south and southwest. The state capital is (3) \_\_\_\_\_ hill town of Shillong, located in east-central Meghalaya. Meghalaya is an upland area formed by a (4)\_\_\_\_\_ block of the Deccan plateau. Its summits vary in (5) \_\_\_\_\_ from 4,000 to 6,000 feet (1,220 to 1,830 metres).

**SubQuestion No : 21**

**Q.21 Select the most appropriate option to fill in blank no.1.**

- Ans**
- 1. bind
  - 2. bonded
  - 3. bounded
  - 4. bounding

Question ID : 6549786328

Status : Answered

Chosen Option : 3

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Meghalaya, a hilly state of India, is located in the northeastern part of the country. It is (1)\_\_\_\_\_ by the Indian state of Assam in the north and northeast and (2) \_\_\_\_\_ Bangladesh in the south and southwest. The state capital is (3) \_\_\_\_\_ hill town of Shillong, located in east-central Meghalaya. Meghalaya is an upland area formed by a (4)\_\_\_\_\_ block of the Deccan plateau. Its summits vary in (5) \_\_\_\_\_ from 4,000 to 6,000 feet (1,220 to 1,830 metres).

**SubQuestion No : 22**

**Q.22 Select the most appropriate option to fill in blank no.2.**

- Ans**
- 1. near
  - 2. with
  - 3. beside
  - 4. by

Question ID : 6549786329

Status : Answered

Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Meghalaya, a hilly state of India, is located in the northeastern part of the country. It is (1)\_\_\_\_\_ by the Indian state of Assam in the north and northeast and (2) \_\_\_\_\_ Bangladesh in the south and southwest. The state capital is (3) \_\_\_\_\_ hill town of Shillong, located in east-central Meghalaya. Meghalaya is an upland area formed by a (4)\_\_\_\_\_ block of the Deccan plateau. Its summits vary in (5) \_\_\_\_\_ from 4,000 to 6,000 feet (1,220 to 1,830 metres).

**SubQuestion No : 23**

**Q.23** Select the most appropriate option to fill in blank no.3.

- Ans
- 1. a
  - 2. one
  - 3. only
  - 4. the

Question ID : 6549786330

Status : Answered

Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Meghalaya, a hilly state of India, is located in the northeastern part of the country. It is (1)\_\_\_\_\_ by the Indian state of Assam in the north and northeast and (2) \_\_\_\_\_ Bangladesh in the south and southwest. The state capital is (3) \_\_\_\_\_ hill town of Shillong, located in east-central Meghalaya. Meghalaya is an upland area formed by a (4)\_\_\_\_\_ block of the Deccan plateau. Its summits vary in (5) \_\_\_\_\_ from 4,000 to 6,000 feet (1,220 to 1,830 metres).

**SubQuestion No : 24**

**Q.24** Select the most appropriate option to fill in blank no.4.

- Ans
- 1. withdrawn
  - 2. standing
  - 3. removed
  - 4. detached

Question ID : 6549786331

Status : Answered

Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Meghalaya, a hilly state of India, is located in the northeastern part of the country. It is (1)\_\_\_\_\_ by the Indian state of Assam in the north and northeast and (2) \_\_\_\_\_ Bangladesh in the south and southwest. The state capital is (3) \_\_\_\_\_ hill town of Shillong, located in east-central Meghalaya. Meghalaya is an upland area formed by a (4)\_\_\_\_\_ block of the Deccan plateau. Its summits vary in (5) \_\_\_\_\_ from 4,000 to 6,000 feet (1,220 to 1,830 metres).

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank no.5.

- Ans
- 1. distance
  - 2. rise
  - 3. elevation
  - 4. increase

Question ID : 6549786332

Status : Answered

Chosen Option : 3

**Section : General Intelligence**

**Q.1** Ruchi's husband's grandfather is Abhinav, whose grandson's father is Viyan. If Abhinav and his wife have only one son, how is Viyan related to Ruchi's husband?

- Ans
- 1. Brother-in-law
  - 2. Uncle
  - 3. Cousin
  - 4. Father

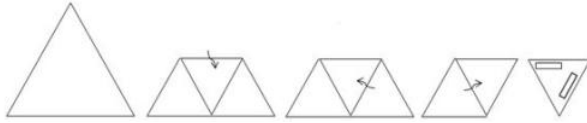
Question ID : 6549789774

Status : Answered

Chosen Option : 4

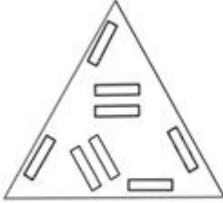


**Q.2** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

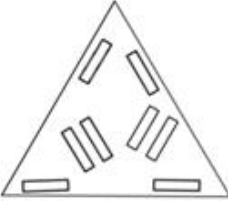


**Ans**

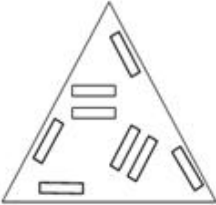
1.



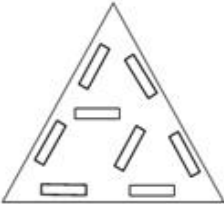
2.



3.



4.



Question ID : 6549786371

Status : Answered

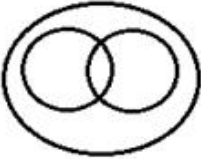
Chosen Option : 1

**Q.3** Select the Venn diagram that best represents the relationship between the following classes.

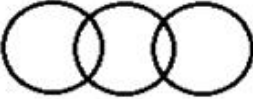
Statisticians, Men, Pathologists

**Ans**

1.



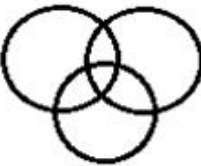
2.



3.



4.

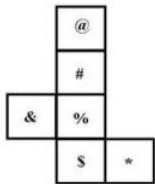


Question ID : 6549787787

Status : Answered

Chosen Option : 1

**Q.4** A cube is made by folding the given sheet. In the cube so formed, what would be the symbol on the opposite side of 'S'?



**Ans**

1. \*

2. @

3. #

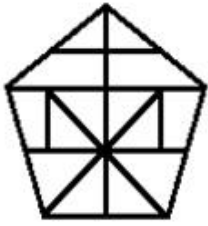
4. &

Question ID : 6549787781

Status : Answered

Chosen Option : 3

Q.5 Find the number of triangles in the given figure.



- Ans
- 1. 17
  - 2. 18
  - 3. 16
  - 4. 19

Question ID : 6549787783  
Status : Answered  
Chosen Option : 4

Q.6 Select the correct mirror image of the given figure when the mirror is placed at the right side.



Ans

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

Question ID : 6549786372  
Status : Answered  
Chosen Option : 1

Q.7 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Inhaler
2. Inimitable
3. Inhabitant
4. Ingenuous
5. Inheritance

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

Question ID : 6549787770

Status : Answered

Chosen Option : 4

Q.8 Select the number from among the given options that can replace the question mark (?) in the following series.

71, 56, 44, 35, 29, ?

- Ans
- 1. 26
  - 2. 20
  - 3. 29
  - 4. 23

Question ID : 6549786354

Status : Answered

Chosen Option : 1

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

47 : 58 : 71

- Ans
- 1. 72 : 81 : 90
  - 2. 89 : 98 : 106
  - 3. 76 : 89 : 105
  - 4. 68 : 80 : 88

Question ID : 6549786352

Status : Answered

Chosen Option : 2

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

- Ans
- 1. 463
  - 2. 308
  - 3. 137
  - 4. 229

Question ID : 6549787769

Status : Not Answered

Chosen Option : --

Q.11 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

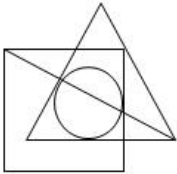
- Ans
- 1. GKPJ
  - 2. TXBV
  - 3. KOLF
  - 4. QUFZ

Question ID : 6549787778

Status : Answered

Chosen Option : 4

Q.12 Select the option that is embedded in the given figure (rotation is NOT allowed).



Ans

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

Question ID : 6549786370

Status : Answered

Chosen Option : 4

Q.13 In a certain code language, VICTORY is coded as 29472435 and HASTY is coded as 278119. How will SUBLIME be coded in that language?

- Ans
- 1. 2143152558
  - 2. 2134152558
  - 3. 1514131285
  - 4. 1213141585

Question ID : 6549787772

Status : Not Answered

Chosen Option : --

**Q.14** 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:**

Some dogs are bulls.  
All bulls are donkeys.

**Conclusions:**

I. All dogs are donkeys.  
II. Some donkeys are dogs.

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

Question ID : **6549786366**

Status : **Answered**

Chosen Option : **3**

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

**Mosquito : Swarm**

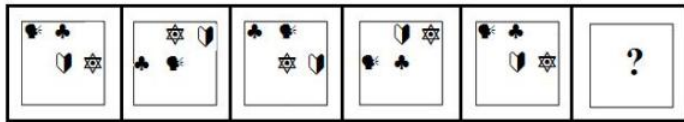
- Ans**
- 1. Monkey : Pride
  - 2. Shark : School
  - 3. Snake : Sleuth
  - 4. Cat : Murder

Question ID : **6549787777**

Status : **Answered**

Chosen Option : **2**

Q.16 Select the figure from among the given options that can replace the question mark (?) in the following series.

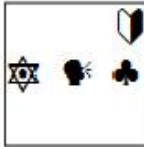


Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 6549787782

Status : Answered

Chosen Option : 1

Q.17 Select the option that is related to the third number in the same way as the second number is related to the first number.

18 : 163 :: 24 : ?

Ans ✗ 1. 216

✓ 2. 289

✗ 3. 298

✗ 4. 222

Question ID : 6549787765

Status : Answered

Chosen Option : 4

Q.18 Which two digits and signs need to be interchanged so as to balance the given equation?

$$65 + 13 - 119 \div 32 \times 8 = 175$$

Ans ✗ 1. 8 and 3;  $\times$  and  $\div$

✓ 2. 9 and 8; + and  $\div$

✗ 3. 5 and 8; - and  $\times$

✗ 4. 2 and 9; + and  $\times$

Question ID : 6549786350

Status : Answered

Chosen Option : 2

Q.19 The District Transport Authority has started special bus services for college going students. One bus starts from village P. The number of girls in the bus is one-fourth of the number of boys. In village Q, 20 boys leave the bus at their college stop and ten girls enter the bus. Now the number of boys and girls is equal. How many students enter the bus in the beginning?

- Ans
- 1. 60
  - 2. 40
  - 3. 30
  - 4. 50

Question ID : 6549787763  
Status : Answered  
Chosen Option : 4

Q.20 Select the option that is related to the third term in the same way as the second term is related to the first term.

OUTSTAY : AOSTTUY :: ROUGHLY : ?

- Ans
- 1. GUROHLY
  - 2. ORGULHY
  - 3. GHLOORUY
  - 4. GUORYLH

Question ID : 6549786359  
Status : Answered  
Chosen Option : 2

Q.21 Four options have been given, out of which three are alike in some manner and one is different. Select the option that is different.

- Ans
- 1. Bangladesh
  - 2. Singapore
  - 3. Indonesia
  - 4. Sri Lanka

Question ID : 6549786365  
Status : Answered  
Chosen Option : 4

Q.22 Select the option that is related to the third word in the same way as the second word is related to the first word.

Flock : Sheep :: Crowd : ?

- Ans
- 1. Swans
  - 2. Human
  - 3. Fly
  - 4. Fish

Question ID : 6549786360  
Status : Answered  
Chosen Option : 2



Q.23 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

kj\_i\_k\_\_ikji\_k\_\_i

- Ans
- 1. jkjkjk
  - 2. ijijji
  - 3. kijklj
  - 4. ikjikj

Question ID : 6549786967

Status : Answered

Chosen Option : 2

Q.24 In a certain code language, EXTREME is written as VCGIVNV. How will INITIAL be written in that language?

- Ans
- 1. SMSGSZP
  - 2. RMSHRZP
  - 3. SNRGS AO
  - 4. RMRGRZO

Question ID : 6549786357

Status : Answered

Chosen Option : 4

Q.25 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

13 50 8  
12 39 5  
15 51 ?

- Ans
- 1. 7
  - 2. 10
  - 3. 12
  - 4. 9

Question ID : 6549787767

Status : Not Answered

Chosen Option : --

Section : Quantitative Aptitude

Q.1 The value of  $\frac{5}{4} \times 2\frac{2}{3} \div \frac{5}{9}$  of  $1\frac{1}{5} + \frac{2}{25} \times 4\frac{1}{6} \div \frac{2}{7}$  of  $2\frac{1}{3}$  is:

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

Question ID : 6549786391  
Status : Not Answered  
Chosen Option : --

Q.2 If  $x + y + z = 13$ ,  $x^2 + y^2 + z^2 = 91$  and  $xz = y^2$ , then the difference between z and x is:

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

Question ID : 6549786388  
Status : Answered  
Chosen Option : 3

Q.3 If  $\tan x = \cot(48^\circ + 2x)$ , and  $0^\circ < x < 90^\circ$ , then what is the value of x ?

- Ans
- 1.  $12^\circ$
  - 2.  $14^\circ$
  - 3.  $16^\circ$
  - 4.  $21^\circ$

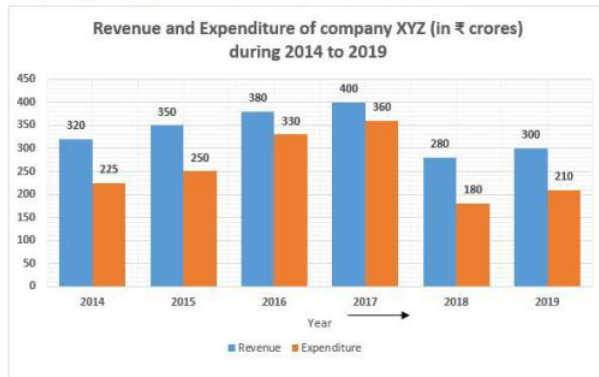
Question ID : 6549786394  
Status : Answered  
Chosen Option : 2

Q.4 The radius of a sphere is 9 cm. It is melted and drawn into a wire of radius 0.3 cm. The length of the wire is:

- Ans
- 1. 112 m
  - 2. 108 m
  - 3. 118 m
  - 4. 106 m

Question ID : 6549786376  
Status : Answered  
Chosen Option : 2

**Q.5** Study the given graph and answer the question that follows.



The total revenue of the company in 2014, 2016 and 2018 is what percentage of the total expenditure in 2015 to 2017 and 2019 (correct to one decimal place)?

- Ans**
- 1. 85.2%
  - 2. 84.3%
  - 3. 83.4%
  - 4. 81.6%

Question ID : 6549787812  
Status : Answered  
Chosen Option : 1

**Q.6** If the five-digit number  $672xy$  is divisible by 3, 7 and 11, then what is the value of  $(6x + 5y)$ ?

- Ans**
- 1. 23
  - 2. 24
  - 3. 16
  - 4. 17

Question ID : 6549787804  
Status : Answered  
Chosen Option : 4

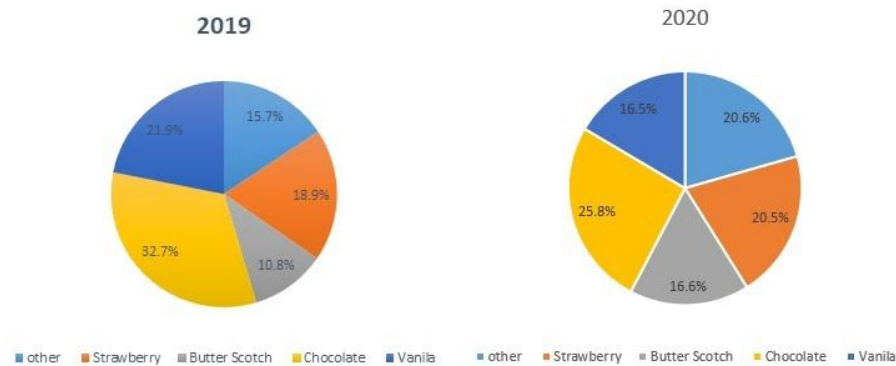
**Q.7** In  $\triangle XYZ$ ,  $P$  is the midpoint of side  $XZ$  and  $Q$  is a point on side  $XY$  such that  $QZ$  bisects  $PY$ . If  $XQ = 24$  cm, then what is the length (in cm) of  $QY$ ?

- Ans**
- 1. 6
  - 2. 18
  - 3. 8
  - 4. 12

Question ID : 6549787799  
Status : Answered  
Chosen Option : 4

**Q.8** Study the given pie-charts and answer the question that follows.

The pie charts represent the popularity of ice-cream flavours among families in the years 2019 and 2020.



If 1% increase resulted in annual additional sales of ₹10,000, then how much (in ₹), did the combined Strawberry, other and Butterscotch sales increase from 2019 to 2020?

- Ans**
- 1. 1,23,000
  - 2. 1,32,000
  - 3. 3,12,000
  - 4. 2,13,000

Question ID : 6549787002  
Status : Not Answered  
Chosen Option : --

**Q.9** The simple interest on a sum of ₹8,000 at a certain rate per cent per annum for 3 years is ₹3,600. What will be the amount (in ₹) of the same sum after 2 years at the same rate, if the interest is compounded 8-monthly?

- Ans**
- 1. 11,239
  - 2. 10,450
  - 3. 10,580
  - 4. 10,648

Question ID : 6549787796  
Status : Answered  
Chosen Option : 4

**Q.10** Two successive discounts each of  $x\%$  on the marked price of an article are equal to a single discount of ₹350. If the marked price of the article is ₹800, then the value of  $x$  is:

- Ans**
- 1. 27.5%
  - 2. 20%
  - 3. 25%
  - 4. 22.5%

Question ID : 6549786378  
Status : Answered  
Chosen Option : 4

**Q.11** The speed of a train is 78 km/h . It crosses a tunnel in 45 s and overtakes a person walking at a speed of 6 km/h , in the same direction, in 15 s. The length (in m) of the tunnel is:

- Ans  1. 675  
 2. 650  
 3. 975  
 4. 780

Question ID : 6549787789  
Status : Answered  
Chosen Option : 3

**Q.12** A bag contains coins of denomination ₹1, ₹2 and ₹5 in the ratio of 4 : 5 : 8. If the total value of these coins is ₹432, then what is the number of ₹2 coins?

- Ans  1. 40  
 2. 30  
 3. 50  
 4. 60

Question ID : 6549787795  
Status : Answered  
Chosen Option : 1

**Q.13** A chord  $PQ$  of a circle  $C_1$  of radius 9.25 cm touches another circle  $C_2$  that is concentric to  $C_1$  , and the radius of  $C_2$  is 3 cm . What is the length (in cm) of  $PQ$  ?

- Ans  1. 12  
 2. 19.5  
 3. 17.5  
 4. 15

Question ID : 6549787797  
Status : Answered  
Chosen Option : 3

**Q.14** In an isosceles triangle  $ABC$ ,  $AB = AC$  and  $AD$  is perpendicular to  $BC$ . If  $AD = 12$  cm and the perimeter of  $\triangle ABC$  is 36 cm, then the length of  $BC$  (in cm) is:

- Ans  1. 5  
 2. 12  
 3. 10  
 4. 13

Question ID : 6549786386  
Status : Answered  
Chosen Option : 3

**Q.15** The price of a commodity increases by 28%. However, the expenditure on it increases by 12%. What is the percentage increase or decrease in its consumption?

- Ans
- 1. 16% Increase
  - 2. 12.5% Decrease
  - 3. 12.5% Increase
  - 4. 16% Decrease

Question ID : 6549787793  
Status : Answered  
Chosen Option : 2

**Q.16** The coefficient of  $x^3y$  in  $(x - 2y) \times (5x + y)^3$  is:

- Ans
- 1. 75
  - 2. -150
  - 3. 250
  - 4. -175

Question ID : 6549787801  
Status : Answered  
Chosen Option : 1

**Q.17** A can complete a work in 20 days, while B can complete the same work in 25 days. Both worked together for 10 days and then C alone completed the remaining work in 10 days. In how many days will A, B and C together complete the same work?

- Ans
- 1. 10 days
  - 2. 5 days
  - 3. 8 days
  - 4. 12 days

Question ID : 6549786374  
Status : Answered  
Chosen Option : 1

**Q.18** The average height of a certain number of students in a group is 155.6 cm . If 12 students having an average height of 150.5 cm join the group and 7 students having an average height of 159 cm leave the group, the average height of the students in the group will decrease by 34 mm . What is the number of students, initially, in the group?

- Ans
- 1. 30
  - 2. 25
  - 3. 40
  - 4. 20

Question ID : 6549787791  
Status : Answered  
Chosen Option : 1

Q.19

If  $\cos\theta = \frac{\sqrt{3}}{2}$ , then the value of  $\frac{2-\sin^2\theta}{1-\cot^2\theta} + (\sec^2\theta + \operatorname{cosec}\theta)$  is:

Ans

1.  $\frac{25}{12}$

2.  $\frac{59}{24}$

3.  $-\frac{25}{12}$

4.  $-\frac{59}{24}$

Question ID : 6549786392

Status : Answered

Chosen Option : 4

Q.20 Study the given graph which shows the number of workers with their daily wages and answer the question that follows.



What is the ratio of the total number of workers whose daily wages are ₹450 or above but less than ₹500 to the total number of workers whose daily wages are ₹650 or above?

Ans

1. 9 : 7

2. 5 : 2

3. 2 : 5

4. 7 : 9

Question ID : 6549786395

Status : Not Answered

Chosen Option : --

Q.21 The value of

$$\frac{\tan 50^\circ + \sec 50^\circ}{\cot 40^\circ + \operatorname{cosec} 40^\circ} + \cos^2 65^\circ + \sin 65^\circ \cos 25^\circ + \tan 30^\circ$$
 is:

- Ans
- 1.  $\frac{\sqrt{3}(\sqrt{3}+1)}{3}$
  - 2.  $2 + \sqrt{3}$
  - 3.  $\frac{6 + \sqrt{3}}{3}$
  - 4.  $1 + \sqrt{3}$

Question ID : 6549787807

Status : Not Answered

Chosen Option : --

Q.22 In a circle, AB and DC are two chords. When AB and DC are produced, they meet at P. If PC = 2.8 cm, PB = 3.15 cm and AB = 3.85 cm, then CD = ?

- Ans
- 1. 5.075 cm
  - 2. 4.175 cm
  - 3. 6.975 cm
  - 4. 7.875 cm

Question ID : 6549786384

Status : Not Answered

Chosen Option : --

Q.23 The pie chart shows the money spent by Aditya through credit cards of different banks. The total money spent by him through credit cards in a year is ₹3,60,000.



How much more money was spent through Card C as compared to Card D?

- Ans
- 1. ₹2,000
  - 2. ₹40,000
  - 3. ₹20,000
  - 4. ₹1,80,000

Question ID : 6549788113

Status : Not Answered

Chosen Option : --



**Q.24** A person sold an article at a loss of 12%. Had he sold it at a gain of 10.5%, he would have got ₹112.50 more. What is the original selling price (in ₹) of the article?

- Ans
- 1. 440.00
  - 2. 560.00
  - 3. 552.50
  - 4. 500.00

Question ID : 6549786380  
Status : Answered  
Chosen Option : 3

**Q.25** If  $x^2 + 4y^2 + 3z^2 + \frac{19}{4} = 2\sqrt{3}(x + y + z)$ , then the value of  $(x - 4y + 3z)$  is:

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

Question ID : 6549786389  
Status : Not Answered  
Chosen Option : --

Section : General Awareness

**Q.1** Who among the following was the first Indian Governor of the Reserve Bank of India?

- Ans
- 1. KC Neogy
  - 2. CD Deshmukh
  - 3. Liaquat Ali Khan
  - 4. Morarji Desai

Question ID : 6549787820  
Status : Answered  
Chosen Option : 1

**Q.2** Which of the following hormone is secreted by brain that helps to regulate sleep-wake cycles?

- Ans
- 1. Insulin
  - 2. Melatonin
  - 3. Oxytoxin
  - 4. Aldosterone

Question ID : 6549786408  
Status : Answered  
Chosen Option : 4

Q.3 Which of the following is one of the file formats used for web graphics?

- Ans  1. .gif  
 2. .exe  
 3. .txt  
 4. .docx

Question ID : 6549786400  
Status : Answered  
Chosen Option : 2

Q.4 In which of the following years did the Prime Minister of India, Narendra Modi, launch Atal Pension Yojana?

- Ans  1. 2014  
 2. 2018  
 3. 2020  
 4. 2015

Question ID : 6549786407  
Status : Answered  
Chosen Option : 4

Q.5 Shanti Swarup Bhatnagar Prize is associated with which of the following disciplines?

- Ans  1. Sports  
 2. Literature  
 3. Music  
 4. Science and Technology

Question ID : 6549787832  
Status : Not Answered  
Chosen Option : --

Q.6 In which year did the Central Government of India appoint the States Reorganisation Commission?

- Ans  1. 1958  
 2. 1953  
 3. 1950  
 4. 1951

Question ID : 6549786420  
Status : Not Answered  
Chosen Option : --

Q.7 In which of the following North Eastern states is the first ever specialised 'Ginger' Processing Plant being revived in December 2020?

- Ans
- 1. Mizoram
  - 2. Assam
  - 3. Sikkim
  - 4. Meghalaya

Question ID : 6549787828  
Status : Answered  
Chosen Option : 2

Q.8 Dandeli Wildlife Sanctuary is located in which of the following states?

- Ans
- 1. Karnataka
  - 2. Jharkhand
  - 3. Sikkim
  - 4. Kerala

Question ID : 6549787827  
Status : Not Answered  
Chosen Option : --

Q.9 In which of the following districts was Telangana's first rescue and rehabilitation centre for monkeys, launched in December 2020?

- Ans
- 1. Narayanpet
  - 2. Nirmal
  - 3. Mulugu
  - 4. Adilabad

Question ID : 6549787817  
Status : Not Answered  
Chosen Option : --

Q.10 Which of the following is a salt-water lake?

- Ans
- 1. Pangong Tso
  - 2. Kolleru
  - 3. Nainital
  - 4. Loktak

Question ID : 6549786411  
Status : Not Answered  
Chosen Option : --

Q.11 FIFA World Cup 2022 venue, Ahmad Bin Ali Stadium, which was built by Indian construction giant Larsen & Turbo is located in which of the following countries?

- Ans
- 1. Qatar
  - 2. Oman
  - 3. Bahrain
  - 4. Saudi Arabia

Question ID : 6549787837  
Status : Answered  
Chosen Option : 1

Q.12 Which of the following is a vector quantity?

- Ans
- 1. Electric charge
  - 2. Electric flux
  - 3. Electric field
  - 4. Electric current

Question ID : 6549786410  
Status : Answered  
Chosen Option : 3

Q.13 According to the Constitution of India a Judge of the Supreme Court cannot be removed from office except by an order of the \_\_\_\_\_.

- Ans
- 1. Vice President
  - 2. Attorney General
  - 3. Prime Minister
  - 4. President

Question ID : 6549787833  
Status : Answered  
Chosen Option : 2

Q.14 Who among the following persons was awarded the Padma Shri for social work in 2019?

- Ans
- 1. Narsingh Dev Jamwal
  - 2. Ramaswami Venkataswami
  - 3. Anup Ranjan Pandey
  - 4. Devarapalli Prakash Rao

Question ID : 6549786417  
Status : Not Answered  
Chosen Option : --

Q.15 Who was appointed as the first Surveyor General of India in 1815?

- Ans
- 1. John Hodgson
  - 2. Thomas Hickey
  - 3. Henry Walpole
  - 4. Colin Mackenzie

Question ID : 6549786415  
Status : Answered  
Chosen Option : 3

Q.16 Kisan Fasal Rahat Yojana, which will replace (PMFBY) Pradhan Mantri Fasal Bima Yojna, has been launched by which of the following states government in December 2020?

- Ans
- 1. Jharkhand
  - 2. Punjab
  - 3. Andhra Pradesh
  - 4. Chhattisgarh

Question ID : 6549787818  
Status : Not Answered  
Chosen Option : --

Q.17 Who among the following persons was elected, unopposed, as the President of Hockey India in November 2020?

- Ans
- 1. Gyanendro Ningombam
  - 2. David John
  - 3. Mohd Mushtaque Ahmad
  - 4. Harendra Singh

Question ID : 6549786422  
Status : Answered  
Chosen Option : 1

Q.18 Where is Mount Diavolo, an important mountain peak in the Andaman and Nicobar Islands, located?

- Ans
- 1. Great Nicobar
  - 2. North Andaman
  - 3. Middle Andaman
  - 4. South Andaman

Question ID : 6549786412  
Status : Not Answered  
Chosen Option : --

Q.19 Raja Parba is a unique festival celebrating the onset of monsoon and the earth's womanhood. It is celebrated in which of the following states?

- Ans
- 1. Bihar
  - 2. Odisha
  - 3. Meghalaya
  - 4. Uttar Pradesh

Question ID : 6549787815  
Status : Answered  
Chosen Option : 2

Q.20 Ustad Iqbal Ahmed Khan, a recipient of the Sangeet Natak Academy Award, belongs to the \_\_\_\_\_ Gharana.

- Ans
- 1. Dilli
  - 2. Jaipur-Atrauli
  - 3. Gwalior
  - 4. Agra

Question ID : 6549786402  
Status : Answered  
Chosen Option : 1

Q.21 Which country ranked first in the 'Human Development Report 2020' released by the United Nations Development Programme?

- Ans
- 1. Norway
  - 2. Germany
  - 3. Switzerland
  - 4. Hong Kong

Question ID : 6549786405  
Status : Answered  
Chosen Option : 1

Q.22 \_\_\_\_\_ is an advanced discipline that teaches students how to analyse and find patterns in large amounts of data.

- Ans
- 1. Computer science
  - 2. Data science
  - 3. Software development
  - 4. Computer programming

Question ID : 6549787813  
Status : Answered  
Chosen Option : 2

Q.23 Who among the following sportsmen is the brand ambassador of SBOTOP, which is a global online betting platform?

- Ans
- 1. Bajrang Punia
  - 2. Sushil Kumar
  - 3. Rohit Sharma
  - 4. Dwayne Bravo

Question ID : 6549787835  
Status : Not Answered  
Chosen Option : --

Q.24 Which of the following parts of the body/glands maintains the body temperature?

- Ans
- 1. Pituitary
  - 2. Adrenal
  - 3. Thyroid
  - 4. Hypothalamus

Question ID : 6549787823  
Status : Answered  
Chosen Option : 4

Q.25 \_\_\_\_\_'s foster mother Mahapajapati Gotami was the first woman to be ordained as a bhikkhuni.

- Ans
- 1. Ashoka
  - 2. Buddha
  - 3. Arjuna
  - 4. Bindusara

Question ID : 6549787830  
Status : Not Answered  
Chosen Option : --

# Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	
Exam Date	05/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section : English Language

Q.1 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

What are the options available of me for a change of career?

- Ans
- 1. options available over me
  - 2. options available from me
  - 3. options available to me
  - 4. No substitution required

Question ID : 6549786134  
Status : Answered  
Chosen Option : 3

Q.2 Select the option that can be used as a one-word substitute for the given group of words.

Instrument that measures the altitude of the land surface

- Ans
- 1. Altimeter
  - 2. Thermometer
  - 3. Barometer
  - 4. Chronometer

Question ID : 6549786142  
Status : Answered  
Chosen Option : 1

Q.3 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

If the box breaking the glass bottle will be shattered.

- Ans
- 1. If the box break
  - 2. If the box breaks
  - 3. If the box broke
  - 4. No substitution required

Question ID : 6549786840  
Status : Answered  
Chosen Option : 2



Q.4 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. Due to this tilt as the Earth wobbles around the Sun, different points of the Earth receive more or less sunlight.

B. Furthermore, we also wouldn't have solstices or equinoxes.

C. We know that seasons are caused by the Earth having a slight tilt on its axis.

D. If the Sun just shone directly on the Equator all year long, we would be left without seasons.

- Ans
- 1. CBDA
  - 2. ABCD
  - 3. ACBD
  - 4. CADB

Question ID : 6549786131

Status : Answered

Chosen Option : 4

Q.5 Select the most appropriate ANTONYM of the given word.

Naïve

- Ans
- 1. Simple
  - 2. Sophisticated
  - 3. Immature
  - 4. Unsuspicious

Question ID : 6549786843

Status : Answered

Chosen Option : 2

Q.6 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The energy required / for perform various functions of the body / is obtained from food.

- Ans
- 1. for perform various functions of the body
  - 2. is obtained from food
  - 3. The energy required
  - 4. No error

Question ID : 6549786123

Status : Answered

Chosen Option : 1

Q.7 Select the INCORRECTLY spelt word.

- Ans
- 1. Aptitude
  - 2. Attitude
  - 3. Altitude
  - 4. Attaractive

Question ID : 6549786140

Status : Answered

Chosen Option : 4

Q.8 Select the most appropriate word to fill in the blank.

A micromanager frequently demands reports and updates leaving little room for subordinates to take \_\_\_\_\_ on their own.

- Ans
- 1. decisions
  - 2. results
  - 3. verdicts
  - 4. decrees

Question ID : 6549786145

Status : Answered

Chosen Option : 1

Q.9 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

- A. Games involved gladiators fighting wild animals or each other.
- B. Inside, tiered seating encircled the arena, where animals were caged and stage sets prepared.
- C. Inaugurated in AD 80, the 50,000-seat Colosseum is also known as the Flavian Amphitheatre.
- D. Rome's great gladiatorial arena is the most monumental of the city's ancient sights.

- Ans
- 1. ADCB
  - 2. BCAD
  - 3. DABC
  - 4. DCBA

Question ID : 6549786839

Status : Answered

Chosen Option : 1

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

Compel

- Ans
- 1. Induce
  - 2. Influence
  - 3. Dissuade
  - 4. Persuade

Question ID : 6549786135

Status : Answered

Chosen Option : 3

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

The first van was sent as a \_\_\_\_\_ to mislead the thugs.

- Ans
- 1. persuasion
  - 2. decoy
  - 3. determination
  - 4. temptation

Question ID : 6549786853  
Status : Answered  
Chosen Option : 2

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

Salient

- Ans
- 1. Sturdy
  - 2. Navigable
  - 3. Marine
  - 4. Noticeable

Question ID : 6549786851  
Status : Answered  
Chosen Option : 4

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

Apathetic

- Ans
- 1. Instantaneous
  - 2. Irrelevant
  - 3. Irregular
  - 4. Indifferent

Question ID : 6549786143  
Status : Answered  
Chosen Option : 4

Q.14 Select the most appropriate meaning of the given idiom.

Butter fingers

- Ans
- 1. To be very efficient
  - 2. To like rich food
  - 3. To cook well
  - 4. To be clumsy

Question ID : 6549786137  
Status : Answered  
Chosen Option : 1

**Q.15** The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The monkeys swung / on the branches and / jumped over the compound wall.

- Ans
- 1. The monkeys swung
  - 2. No error
  - 3. on the branches and
  - 4. jumped over the compound wall

Question ID : 6549786831  
Status : Answered  
Chosen Option : 2

**Q.16** Select the option that expresses the given sentence in reported speech.

Neil Armstrong said, "It's a small step for man but a giant leap for mankind."

- Ans
- 1. Neil Armstrong said that a small step for man can be giant leap for mankind.
  - 2. Neil Armstrong had said that a small step for man is a giant leap for mankind.
  - 3. Neil Armstrong said that it was a small step for man but a giant leap for mankind.
  - 4. Neil Armstrong says that was a small step for man but a giant leap for mankind.

Question ID : 6549786122  
Status : Answered  
Chosen Option : 3

**Q.17** Select the option that expresses the given sentence in passive voice.

Have you submitted the papers at the post office?

- Ans
- 1. Have the papers been submit by you at the post office?
  - 2. Had the papers submitted by you to the post office?
  - 3. Has the papers been submitted by you at the post office?
  - 4. Have the papers been submitted by you at the post office?

Question ID : 6549786828  
Status : Answered  
Chosen Option : 4

**Q.18** Select the option that can be used as a one-word substitute for the given group of words.

A place or scene of activity, debate, or conflict

- Ans
- 1. Stadium
  - 2. Floor
  - 3. Arena
  - 4. Site

Question ID : 6549786848  
Status : Answered  
Chosen Option : 3

**Q.19 Select the INCORRECTLY spelt word.**

- Ans  1. Whisper  
 2. Secluded  
 3. Readable  
 4. Twinkle

Question ID : 6549786846  
Status : Answered  
Chosen Option : 3

**Q.20 Select the most appropriate meaning of the given idiom.**

**Large-hearted**

- Ans  1. Corrupt  
 2. Unhealthy  
 3. Overweight  
 4. Generous

Question ID : 6549786845  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

In the generation of hydroelectric power, water is collected or (1) \_\_\_\_\_ at a higher elevation and led downward (2) \_\_\_\_\_ large pipes to a lower elevation; the difference in elevations is (3) \_\_\_\_\_ as the head. At the end of its passage down the pipes, the falling water (4) \_\_\_\_\_ turbines to rotate. The turbines in turn drive generators, (5) \_\_\_\_\_ convert the turbines' mechanical energy into electricity.

**SubQuestion No : 21**

**Q.21 Select the most appropriate option to fill in blank no.1.**

- Ans  1. hoarded  
 2. amassed  
 3. stored  
 4. deposited

Question ID : 6549786833  
Status : Answered  
Chosen Option : 3

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

In the generation of hydroelectric power, water is collected or (1) \_\_\_\_\_ at a higher elevation and led downward (2) \_\_\_\_\_ large pipes to a lower elevation; the difference in elevations is (3) \_\_\_\_\_ as the head. At the end of its passage down the pipes, the falling water (4) \_\_\_\_\_ turbines to rotate. The turbines in turn drive generators, (5) \_\_\_\_\_ convert the turbines' mechanical energy into electricity.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option to fill in blank no.2.**

- Ans
- 1. beyond
  - 2. above
  - 3. through
  - 4. over

Question ID : 6549786834

Status : Answered

Chosen Option : 3

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

In the generation of hydroelectric power, water is collected or (1) \_\_\_\_\_ at a higher elevation and led downward (2) \_\_\_\_\_ large pipes to a lower elevation; the difference in elevations is (3) \_\_\_\_\_ as the head. At the end of its passage down the pipes, the falling water (4) \_\_\_\_\_ turbines to rotate. The turbines in turn drive generators, (5) \_\_\_\_\_ convert the turbines' mechanical energy into electricity.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank no.3.**

- Ans
- 1. known
  - 2. being known
  - 3. told
  - 4. know

Question ID : 6549786835

Status : Answered

Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

In the generation of hydroelectric power, water is collected or (1) \_\_\_\_\_ at a higher elevation and led downward (2) \_\_\_\_\_ large pipes to a lower elevation; the difference in elevations is (3) \_\_\_\_\_ as the head. At the end of its passage down the pipes, the falling water (4) \_\_\_\_\_ turbines to rotate. The turbines in turn drive generators, (5) \_\_\_\_\_ convert the turbines' mechanical energy into electricity.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in blank no.4.**

- Ans
- 1. produces
  - 2. begins
  - 3. effects
  - 4. causes

Question ID : 6549786836

Status : Answered

Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

In the generation of hydroelectric power, water is collected or (1) \_\_\_\_\_ at a higher elevation and led downward (2) \_\_\_\_\_ large pipes to a lower elevation; the difference in elevations is (3) \_\_\_\_\_ as the head. At the end of its passage down the pipes, the falling water (4) \_\_\_\_\_ turbines to rotate. The turbines in turn drive generators, (5) \_\_\_\_\_ convert the turbines' mechanical energy into electricity.

**SubQuestion No : 25**

**Q.25 Select the most appropriate option to fill in blank no.5.**

- Ans
- 1. they
  - 2. whose
  - 3. which
  - 4. who

Question ID : 6549786837

Status : Answered

Chosen Option : 3

Section : General Intelligence

**Q.1 Select the option that is related to the third term in the same way as the second term is related to the first term.**

**QUORATE : AEOQRTU :: SANDBOX : ?**

- Ans
- 1. DNASXOB
  - 2. ASDNOBX
  - 3. ABDNOSX
  - 4. BOXSAND

Question ID : 6549786864

Status : Not Answered

Chosen Option : --

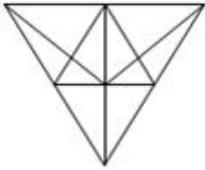
Q.2 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

12 : 20

- Ans  1. 30 : 42  
 2. 24 : 36  
 3. 42 : 57  
 4. 18 : 28

Question ID : 6549786149  
Status : Answered  
Chosen Option : 1

Q.3 How many triangles are there in the given figure?

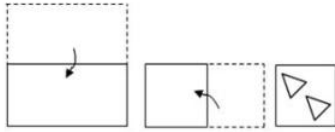


- Ans  1. 24  
 2. 28  
 3. 22  
 4. 26

Question ID : 6549786167  
Status : Answered  
Chosen Option : 1

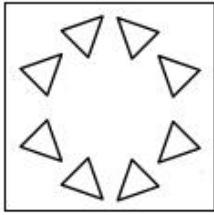


**Q.4** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

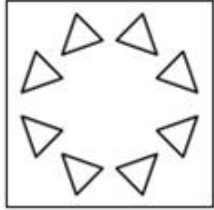


**Ans**

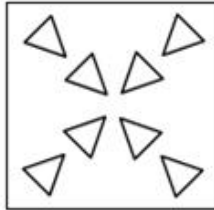
1.



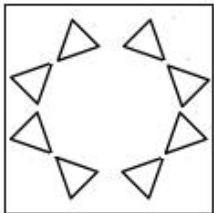
2.



3.



4.

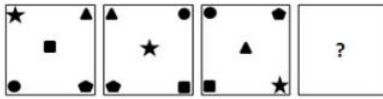


Question ID : 6549786876

Status : Answered

Chosen Option : 2

Q.5 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans

1.



2.



3.



4.



Question ID : 6549786166

Status : Answered

Chosen Option : 3

Q.6 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Expanse
2. Expansive
3. Expandable
4. Expansion
5. Expanded

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

2. 3-5-1-4-2

3. 1-2-5-3-4

4. 5-3-1-2-4

Question ID : 6549786154

Status : Answered

Chosen Option : 2

Q.7 Tushar is the only son of Jitendra, and Kirti is the daughter of Jitendra's father's brother. Suhani is the sister of Tushar. How is Suhani related to Kirti?

- Ans
- 1. Sister
  - 2. Cousin
  - 3. Aunt
  - 4. Niece

Question ID : 6549789809

Status : Answered

Chosen Option : 2

Q.8 Select the option that is embedded in the given figure (rotation is NOT allowed).



Ans

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

Question ID : 6549786875

Status : Answered

Chosen Option : 3

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

(72, 56, 42)

- Ans
- 1. (80, 48, 24)
  - 2. (132, 110, 90)
  - 3. (80, 68, 58)
  - 4. (126, 102, 80)

Question ID : 6549786857

Status : Not Answered

Chosen Option : --

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

Women, Mothers, Sisters

**Ans**

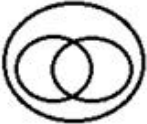
1.



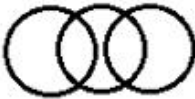
2.



3.



4.



Question ID : 6549786171

Status : Answered

Chosen Option : 3

**Q.11** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

Some ducks are hens.  
Some hens are chickens.

**Conclusions:**

I. Some ducks are chickens.  
II. Some hens are ducks.

**Ans**

1. Neither conclusion I nor II follows.

2. Only conclusion II follows.

3. Both conclusions I and II follow.

4. Only conclusion I follows.

Question ID : 6549786871

Status : Answered

Chosen Option : 2

**Q.12** Three different positions of the same dice are shown. Select the letter that will be on the face opposite to the face having the letter E.



- Ans
- 1. A
  - 2. D
  - 3. F
  - 4. C

Question ID : 6549786165  
Status : Answered  
Chosen Option : 3

**Q.13** Select the option in which the words share the same relationship as that shared by the given pair of words.

Virus : Ebola

- Ans
- 1. Bacteria : Plague
  - 2. Mosquito : Jaundice
  - 3. Fungi : Diarrhoea
  - 4. Season : Common cold

Question ID : 6549786161  
Status : Answered  
Chosen Option : 4

**Q.14** A notebook costs ₹12 each. A pen costs ₹9 each. Tina spends ₹123 on a total of 11 pieces of these articles. How many notebooks did she purchase?

- Ans
- 1. 11
  - 2. 8
  - 3. 6
  - 4. 9

Question ID : 6549786147  
Status : Answered  
Chosen Option : 2

**Q.15** In a certain code language, ENVELOPE is written as IQZHPRTH. How will INTIMATE be written in that language?

- Ans
- 1. NRYMREYI
  - 2. KPVKOCVG
  - 3. LPWPCWG
  - 4. MQXLQDXH

Question ID : 6549786862  
Status : Answered  
Chosen Option : 4

Q.16 Select the option in which the numbers are related in the same way as are the numbers of the following set.

221 : 348 : 517

- Ans  1. 995 : 1326 : 1723  
 2. 1005 : 1336 : 1733  
 3. 1331 : 1728 : 2744  
 4. 343 : 512 : 729

Question ID : 6549786151  
Status : Not Answered  
Chosen Option : --

Q.17 Which two digits and signs need to be interchanged so as to balance the given equation?

$97 \div 24 - 16 \times 5 + 37 = 53$

- Ans  1. 2 and 3;  $\div$  and -  
 2. 7 and 6; + and -  
 3. 4 and 7;  $\div$  and +  
 4. 2 and 3; + and  $\times$

Question ID : 6549786855  
Status : Answered  
Chosen Option : 2

Q.18 Four letter-clusters have been given in the options, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans  1. ORVA  
 2. EHLQ  
 3. ILPU  
 4. KOSW

Question ID : 6549786162  
Status : Answered  
Chosen Option : 4

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

- Ans  1. 345  
 2. 514  
 3. 733  
 4. 218

Question ID : 6549786153  
Status : Answered  
Chosen Option : 3

Q.20 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

- Ans  1. Geology  
 2. Entomology  
 3. Mycology  
 4. Genomics

Question ID : 6549786870  
Status : Answered  
Chosen Option : 4

Q.21 Select the number from among the given options that can replace the question mark (?) in the following series.

12, 22, 40, 74, 140, ?

- Ans  1. 280  
 2. 268  
 3. 270  
 4. 274

Question ID : 6549786859  
Status : Answered  
Chosen Option : 3

Q.22 Select the correct mirror image of the given figure when the mirror is placed at the right side.



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

Question ID : 6549786877  
Status : Answered  
Chosen Option : 3

Q.23 Select the option that is related to the third word in the same way as the second word is related to the first word.

Hindi : Devanagari :: English : ?

- Ans
- 1. Greek
  - 2. British
  - 3. Persian
  - 4. Latin

Question ID : 6549786865  
Status : Answered  
Chosen Option : 2

Q.24 In a certain code language, BOOTLACE is coded as 49960372 and CAPELIN is coded as 7382015. How will TAPIOCA be coded in that language?

- Ans
- 1. 3673819
  - 2. 6381973
  - 3. 6582975
  - 4. 5381963

Question ID : 6549786156  
Status : Answered  
Chosen Option : 2

Q.25 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

O \_ E \_ O Z \_ T \_ Z \_ T

- Ans
- 1. OETZT
  - 2. EZTOE
  - 3. ZTEOE
  - 4. TEZOZ

Question ID : 6549789770  
Status : Answered  
Chosen Option : 3

Section : Quantitative Aptitude

Q.1 The successive discounts 18 % , 10 % and 15 % are equivalent to a single discount of:

- Ans
- 1. 39.25%
  - 2. 37.27%
  - 3. 45.16%
  - 4. 41.32%

Question ID : 6549786883  
Status : Answered  
Chosen Option : 4

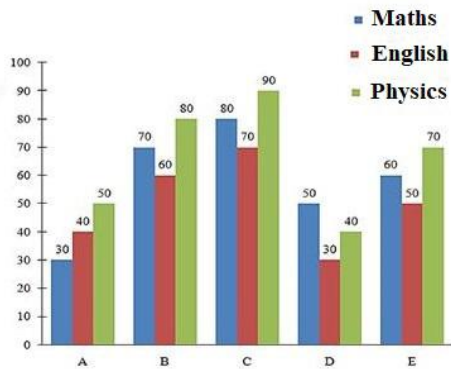


Q.2 If  $9x^2 - 6x + 1 = 0$ , then the value of  $27x^3 + (27x^3)^{-1}$  will be:

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

Question ID : 6549786185  
Status : Answered  
Chosen Option : 3

Q.3 Study the following graph and answer the question that follows.  
Marks scored by five students A, B, C, D and E in three subjects (Maths, English and Physics)



What are the approximate average marks obtained by C?

- Ans
- 1. 65
  - 2. 75
  - 3. 80
  - 4. 70

Question ID : 6549788316  
Status : Answered  
Chosen Option : 3

Q.4 In  $\triangle ABC$ , the length of  $BC$  is less than twice the length of  $AB$  by 2 cm. The length of  $AC$  exceeds the length of  $AB$  by 6 cm. The perimeter is 60 cm. The length (in cm) of the largest side of the triangle  $ABC$  is:

- Ans
- 1. 28
  - 2. 26
  - 3. 30
  - 4. 20

Question ID : 6549786183  
Status : Answered  
Chosen Option : 2

Q.5 If  $\cos\theta = \frac{p^2-1}{p^2+1}$ ,  $0^\circ < \theta < 90^\circ$ , then  $\operatorname{cosec}\theta$  is equal to:

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

Question ID : 6549786897  
Status : Answered  
Chosen Option : 3

Q.6 What will be the compound interest (in ₹) on a sum of ₹7,200 for 18 months at a rate of 20% per annum, if the interest is compounded half-yearly (nearest to an integer)?

- Ans
- 1. 3,238
  - 2. 2,338
  - 3. 2,833
  - 4. 2,383

Question ID : 6549786180  
Status : Answered  
Chosen Option : 4

Q.7 A circle is inscribed in a triangle ABC. It touches sides AB, BC and AC at points R, P and Q, respectively. If  $AQ = 6.5$  cm,  $PC = 7.5$  cm and  $BR = 9$  cm, then the perimeter (in cm) of the triangle ABC will be:

- Ans
- 1. 55
  - 2. 27.5
  - 3. 46
  - 4. 23

Question ID : 6549786181  
Status : Answered  
Chosen Option : 3

Q.8 If  $(4x - 5)^3 + (x - 2)^3 + 27(2x - 5)^3 = 9(4x - 5)(x - 2)(2x - 5)$ ,

then the value of  $(x + \frac{3}{2})$  will be:

Ans

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

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

3.  $\frac{7}{2}$

4.  $\frac{5}{2}$

Question ID : 6549786894

Status : Answered

Chosen Option : 3

Q.9 If  $9a^2 + 4b^2 + 49c^2 + 18 = 2(2b + 28c - 3a)$ , then the value of  $(a + 2b - c)$  will be:

Ans

1.  $\frac{11}{21}$

2.  $\frac{2}{21}$

3.  $\frac{26}{21}$

4.  $\frac{5}{21}$

Question ID : 6549786893

Status : Answered

Chosen Option : 3

Q.10 If  $7 \sin^2 \theta + 3 \cos^2 \theta = 4, 0^\circ < \theta < 90^\circ$ , then the value of  $\theta$  will be:

Ans

1.  $60^\circ$

2.  $45^\circ$

3.  $75^\circ$

4.  $30^\circ$

Question ID : 6549786899

Status : Answered

Chosen Option : 4

Q.11 The value of  $61\frac{3}{5} \div \left[ 40 \div 2 \text{ of } 5 + 27 \div \frac{1}{3} - \left( 78 \div 3\frac{1}{3} \right) \right]$  is:

Ans

1.  $\frac{11}{25}$

2. 1

3.  $\frac{41}{25}$

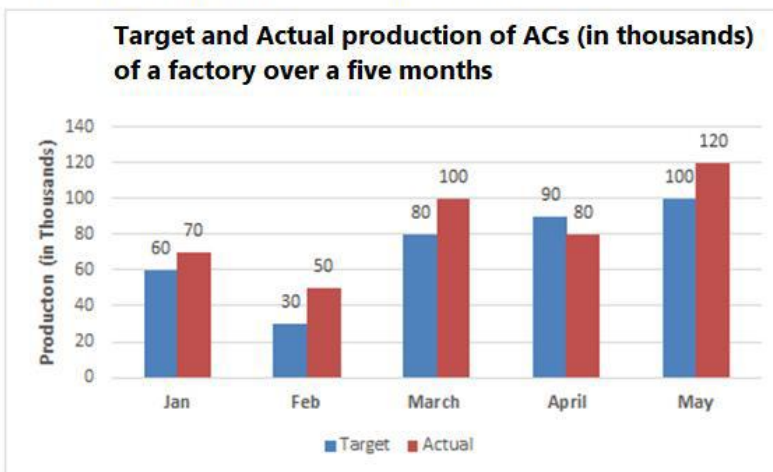
4. -5

Question ID : 6549786896

Status : Answered

Chosen Option : 2

Q.12 Study the given graph and answer the question that follows.



In which month is the actual production of ACs 20% more than its target production?

Ans

1. February

2. May

3. January

4. March

Question ID : 6549786196

Status : Answered

Chosen Option : 2

**Q.13** From a rectangular sheet of dimensions  $32\text{ cm} \times 18\text{ cm}$ , a square of side  $3\text{ cm}$  is cut from the four corners of the sheet and a box is made. The volume of the box is:

- Ans
- 1.  $946\text{ cm}^3$
  - 2.  $936\text{ cm}^3$
  - 3.  $1305\text{ cm}^3$
  - 4.  $1300\text{ cm}^3$

Question ID : 6549786881  
Status : Answered  
Chosen Option : 2

**Q.14** A train travels at a speed of  $66\text{ km/h}$  and halts at five junctions for a certain time. It covers a distance of  $1485\text{ km}$  in one day. For how long (in minutes) does the train stop at each junction, if it halts for the same period of time at all the junctions?

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

Question ID : 6549786173  
Status : Answered  
Chosen Option : 2

**Q.15** The income of  $A$  is  $40\%$  less than that of  $B$ . If  $A$  gets  $25\%$  rise in his income and  $B$  gets  $40\%$  rise in his income, then the percentage increase (correct to two decimal places) in the combined incomes of  $A$  and  $B$  will be:

- Ans
- 1. 35.19
  - 2. 37.86
  - 3. 31.67
  - 4. 34.38

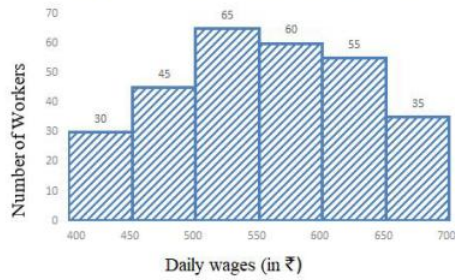
Question ID : 6549786177  
Status : Answered  
Chosen Option : 4

**Q.16** If  $PA$  and  $PB$  are tangents drawn to a circle with centre  $O$  at  $A$  and  $B$  from external point  $P$  such that  $\angle APB = 78^\circ$ , then  $\angle OAB$  is equal to:

- Ans
- 1.  $39^\circ$
  - 2.  $12^\circ$
  - 3.  $36^\circ$
  - 4.  $29^\circ$

Question ID : 6549786889  
Status : Answered  
Chosen Option : 1

**Q.17** Study the graph which shows the daily wages (in ₹) with number of workers and answer the question that follows.



If the ratio of the total number of workers whose daily wages are less than ₹450 to the total number of workers whose daily wages are ₹600 or above is  $a : b$ , then what is the difference between  $b$  and  $a$ ?

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

Question ID : 6549786094  
 Status : Answered  
 Chosen Option : 1

**Q.18** If a nine-digit number  $489x6378y$  is divisible by 72, then the value of  $\sqrt{8x+6y}$  will be:

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

Question ID : 6549786188  
 Status : Answered  
 Chosen Option : 4

**Q.19** The value of  $\frac{3 \tan^2 60^\circ + \sec^2 30^\circ - \sin^2 45^\circ}{(\cos 15^\circ + \sin 75^\circ)(\sec 15^\circ + \operatorname{cosec} 75^\circ)}$  is:

- Ans
- 1.  $\frac{5}{12}$
  - 2.  $\frac{65}{24}$
  - 3.  $\frac{13}{12}$
  - 4.  $\frac{59}{24}$

Question ID : 6549786191  
 Status : Answered  
 Chosen Option : 4

**Q.20** The average of eighteen numbers is 42. The average of the last ten numbers is 40 and that of the first five numbers is 44. The seventh number is 6 less than the sixth and 7 less than the eighth number. The average of the sixth and the eighth number is:

- Ans**
- 1. 46.5
  - 2. 47.5
  - 3. 45
  - 4. 48

Question ID : 6549786175  
Status : Answered  
Chosen Option : 2

**Q.21** Study the given graph which shows the Target and Actual production of AC's (in thousands) of a factory over five months and answer the question that follows.

**Target and Actual Production of AC's (in Thousands) of a factory over five months**



The ratio of the combined target production of ACs from January to April to that of the actual production of ACs from March to May is:

- Ans**
- 1. 13 : 15
  - 2. 19 : 15
  - 3. 15 : 13
  - 4. 15 : 19

Question ID : 6549786900  
Status : Answered  
Chosen Option : 1

**Q.22** In  $\triangle ABC$ ,  $\angle A = 66^\circ$ . If I is the incentre of the triangle, then the measure of  $\angle BIC$  will be:

- Ans**
- 1.  $123^\circ$
  - 2.  $109^\circ$
  - 3.  $119^\circ$
  - 4.  $112^\circ$

Question ID : 6549786891  
Status : Answered  
Chosen Option : 1

**Q.23** A can do 60% of a work in 18 days, while B can do 40% of the same work in 10 days. Both work together for 10 days only. C completed the remaining work in 4 days. In how many days will C complete the same work?

- Ans
- 1. 12
  - 2. 15
  - 3. 25
  - 4. 18

Question ID : 6549786879  
Status : Answered  
Chosen Option : 2

**Q.24** A bought an article for ₹4,800 and sold it at a loss of 30%. With this amount, he bought another article and sold it at a gain of 60%. What was his overall gain/loss?

- Ans
- 1. Loss 18%
  - 2. Gain 12%
  - 3. Gain 10%
  - 4. Loss 15%

Question ID : 6549786885  
Status : Answered  
Chosen Option : 2

**Q.25** The ratio of the incomes of A and B is 7 : 5. A and B save ₹4,000 and ₹3,500, respectively. If the expenditure of B is half the expenditure of A, then the total income of A and B (in ₹) will be:

- Ans
- 1. 10,000
  - 2. 13,500
  - 3. 12,000
  - 4. 15,000

Question ID : 6549786179  
Status : Answered  
Chosen Option : 3

Section : General Awareness

**Q.1** Who among the following politicians was the Home Minister of India in Rajiv Gandhi's cabinet from 1986 to 1989?

- Ans
- 1. Madhavrao Scindia
  - 2. Ajit Kumar Panja
  - 3. Buta Singh
  - 4. Ashoke Kumar Sen

Question ID : 6549786922  
Status : Not Answered  
Chosen Option : --



Q.2 Which maharaja of Manipur signed the Instrument of Accession with the Government of India?

- Ans
- 1. Kulachandra Singh
  - 2. Bodhchandra Singh
  - 3. Nara Singh
  - 4. Gambhir Singh

Question ID : 6549786925  
Status : Not Answered  
Chosen Option : --

Q.3 Where was the Khelo India Ice Hockey Tournament held in January 2021?

- Ans
- 1. Lungnak
  - 2. Shargole
  - 3. Drass
  - 4. Chiktan

Question ID : 6549786221  
Status : Answered  
Chosen Option : 4

Q.4 The world's only floating national park, Keibul Lamjao National Park, is located in \_\_\_\_\_.

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

Question ID : 6549786916  
Status : Answered  
Chosen Option : 1

Q.5 Which of the following is a Kharif crop in North India and a Rabi crop in South India?

- Ans
- 1. Wheat
  - 2. Sesamum
  - 3. Finger millet
  - 4. Barley

Question ID : 6549786211  
Status : Answered  
Chosen Option : 4

Q.6 Which of the following is a single user operating system?

- Ans
- 1. Windows 7
  - 2. MS-DOS
  - 3. Windows NT
  - 4. Linux

Question ID : 6549786197  
Status : Answered  
Chosen Option : 4

Q.7 In January 2021, the Defence Research Development Organisation (DRDO) developed India's first indigenous machine pistol called 'Asmi' in collaboration with \_\_\_\_\_.

- Ans
- 1. Army War College, Mhow
  - 2. Central Ordnance Depot, Jabalpur
  - 3. Infantry School, Mhow
  - 4. College of Military Engineering, Pune

Question ID : 6549786910  
Status : Not Answered  
Chosen Option : --

Q.8 How many terabytes make one petabyte?

- Ans
- 1. 1048
  - 2. 1042
  - 3. 1084
  - 4. 1024

Question ID : 6549786905  
Status : Answered  
Chosen Option : 4

Q.9 Public Sector Banks account for about \_\_\_\_\_ of market share in Indian banking as per the Economic Survey 2019-20.

- Ans
- 1. 70%
  - 2. 50%
  - 3. 80%
  - 4. 40%

Question ID : 6549786204  
Status : Not Answered  
Chosen Option : --

**Q.10 Who among the following did the Sports Authority of India appoint as the middle-and-long distance coach of the Indian athletics team in January 2021?**

- Ans
- 1. Avinash Sable
  - 2. Radhakrishnan Nair
  - 3. Adille Sumariwalla
  - 4. Nikolai Snesarev

Question ID : 6549786927  
Status : Answered  
Chosen Option : 4

**Q.11 The inertia of an object is measured by its \_\_\_\_.**

- Ans
- 1. volume
  - 2. speed
  - 3. mass
  - 4. area

Question ID : 6549786915  
Status : Answered  
Chosen Option : 3

**Q.12 Which of the following beaches was NOT awarded the international 'Blue Flag' certification by Foundation of Environment Education, Denmark as of October 2020?**

- Ans
- 1. Kappad
  - 2. Ghoghla
  - 3. Talasari
  - 4. Rushikonda

Question ID : 6549786216  
Status : Not Answered  
Chosen Option : --

**Q.13 Which web portal and mobile application did the Ministry of Housing and Urban Affairs, Government of India, launch in December 2020?**

- Ans
- 1. e-Uparjan
  - 2. e-Rozgar
  - 3. e-Sampada
  - 4. e-Dharti

Question ID : 6549786201  
Status : Answered  
Chosen Option : 3

Q.14 Who among the following was a World War II veteran, also associated with cricket?

- Ans
- 1. Brad Friedel
  - 2. Alan Burgess
  - 3. Ivan Cordoba
  - 4. Erik Karlsson

Question ID : 6549786219  
Status : Answered  
Chosen Option : 2

Q.15 Which of the following Articles of the Constitution of India deals with the organisation of agriculture and animal husbandry?

- Ans
- 1. Article 84
  - 2. Article 92
  - 3. Article 29
  - 4. Article 48

Question ID : 6549786217  
Status : Answered  
Chosen Option : 4

Q.16 The Sufi shrine Charar-e-Sharief (or Sharif) is located near \_\_\_\_\_ city.

- Ans
- 1. Srinagar
  - 2. Mumbai
  - 3. Hyderabad
  - 4. Lucknow

Question ID : 6549786199  
Status : Answered  
Chosen Option : 1

Q.17 Which of the following watershed development projects is sponsored by the Central Government aims at enabling the rural population to conserve water?

- Ans
- 1. Jal Kranti Abhiyan
  - 2. Haryali
  - 3. Neeru-Meeru
  - 4. Arvary Pani Sansad

Question ID : 6549786212  
Status : Not Answered  
Chosen Option : --

Q.18 Which was the first empire in ancient India to use elephants in its war on a large scale?

- Ans
- 1. Shunga
  - 2. Chola
  - 3. Kushans
  - 4. Magadha

Question ID : 6549786920  
Status : Answered  
Chosen Option : 4

Q.19 'Purusha Sukta' is a hymn from which Veda?

- Ans
- 1. Atharvaveda
  - 2. Yajurveda
  - 3. Rigveda
  - 4. Samaveda

Question ID : 6549786214  
Status : Answered  
Chosen Option : 4

Q.20 Which of the following was the country in focus at the 51st International Film Festival of India held in Goa in January 2021?

- Ans
- 1. Myanmar
  - 2. Nepal
  - 3. Bangladesh
  - 4. Bhutan

Question ID : 6549786202  
Status : Answered  
Chosen Option : 3

Q.21 Who discovered blood circulation?

- Ans
- 1. Charles Darwin
  - 2. David Baltimore
  - 3. William Harvey
  - 4. Rosalind Franklin

Question ID : 6549786207  
Status : Answered  
Chosen Option : 3

Q.22 Which of the following diseases is caused by Leishmania, a protozoan organism?

- Ans
- 1. Sleeping sickness
  - 2. Kala-azar
  - 3. Malaria
  - 4. Acne

Question ID : 6549786913  
Status : Answered  
Chosen Option : 2

Q.23 Which of the following is a main species of moist deciduous forests?

- Ans
- 1. Sandalwood
  - 2. Khejri
  - 3. Amaltas
  - 4. Neem

Question ID : 6549786917  
Status : Answered  
Chosen Option : 2

Q.24 A Shadava Raga has only \_\_\_\_\_ notes in its scale.

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

Question ID : 6549786907  
Status : Not Answered  
Chosen Option : --

Q.25 As per Union Budget 2021, 9% of the government revenue will be spent on \_\_\_\_\_.

- Ans
- 1. defence
  - 2. interest payments
  - 3. pensions
  - 4. centrally sponsored schemes

Question ID : 6549786912  
Status : Answered  
Chosen Option : 1

# Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	
Exam Date	05/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section : English Language

Q.1 Select the **INCORRECTLY** spelt word.

- Ans
- 1. Fragrance
  - 2. Interfere
  - 3. Temparary
  - 4. Accustomed

Question ID : 6549787553  
Status : Answered  
Chosen Option : 3

Q.2 Select the most appropriate meaning of the idiomatic expression given.

To poke one's nose into

- Ans
- 1. To clean one's nose with a twig
  - 2. To bury oneself in another matter
  - 3. To insert something in another's nose
  - 4. To take interest in others' affairs

Question ID : 6549787552  
Status : Answered  
Chosen Option : 4

Q.3 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

Large glasses magnified his eyes so that to gave him the appearance of a wise owl.

- Ans
- 1. as though to gave
  - 2. so that it gives
  - 3. No substitution
  - 4. so as to give

Question ID : 6549788356  
Status : Answered  
Chosen Option : 2

Q.4 In the given sentence, identify the segment which contains a grammatical error.

Despite of being a close friend he did not help me in any way.

- Ans
- 1. a close friend
  - 2. in any way
  - 3. he did not help me
  - 4. Despite of being

Question ID : 6549788345  
Status : Answered  
Chosen Option : 4

Q.5 Select the most appropriate ANTONYM of the given word.

Restrictive

- Ans
- 1. Thrifty
  - 2. Broad
  - 3. Liberal
  - 4. Closed

Question ID : 6549787550  
Status : Marked For Review  
Chosen Option : 2

Q.6 Select the option that can be used as a one-word substitute for the given group of words.

Relating to soldiers or war

- Ans
- 1. Martial
  - 2. Official
  - 3. Political
  - 4. Marital

Question ID : 6549787555  
Status : Answered  
Chosen Option : 1

Q.7 Select the most appropriate antonym of the given word.

NEGLECT

- Ans
- 1. fail
  - 2. care
  - 3. omit
  - 4. trust

Question ID : 6549788357  
Status : Answered  
Chosen Option : 2



Q.8 Select the option that expresses the given sentence in active or passive voice.

Wi-Fi hotspots will be installed by the government in remote areas by 2022.

- Ans
- 1. Wi-Fi hotspots will install in remote areas by 2022 by the government.
  - 2. Remote areas will install Wi-Fi hotspots by the government by 2022.
  - 3. The government will install remote areas and hotspots by 2022.
  - 4. The government will install Wi-Fi hotspots in remote areas by 2022.

Question ID : 6549787535  
Status : Answered  
Chosen Option : 4

Q.9 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The police arrested / two young men, but / neither of them were / responsible for the robbery.

- Ans
- 1. for the robbery
  - 2. two young men, but
  - 3. The police arrested
  - 4. neither of them were

Question ID : 6549787538  
Status : Answered  
Chosen Option : 4

Q.10 Fill in the blank with most appropriate word.

The old building was \_\_\_\_\_ by the authorities.

- Ans
- 1. pulled through
  - 2. pulled down
  - 3. pulled up
  - 4. pulled off

Question ID : 6549788367  
Status : Answered  
Chosen Option : 2

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

Herald

- Ans
- 1. Halt
  - 2. Announce
  - 3. Suppress
  - 4. Succeed

Question ID : 6549787558  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.12 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

I want to buy this book. Please give me any money.

- Ans
- 1. some money
  - 2. less money
  - 3. No substitution required
  - 4. little money

Question ID : 6549787547  
Status : Answered  
Chosen Option : 1

Q.13 Select the most appropriate one-word substitution for the given words.

one who pretends to be what he is not

- Ans
- 1. stoic
  - 2. fanatic
  - 3. hypocrite
  - 4. optimist

Question ID : 6549788364  
Status : Marked For Review  
Chosen Option : 1

Q.14 Select the misspelt word.

- Ans
- 1. vicious
  - 2. trecherous
  - 3. lustrous
  - 4. pompous

Question ID : 6549788362  
Status : Marked For Review  
Chosen Option : 2

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

Despite their \_\_\_\_\_, impersonal rules that apply to all are essential in large systems.

- Ans
- 1. support
  - 2. advantages
  - 3. benefits
  - 4. limitations

Question ID : 6549787560  
Status : Marked For Review  
Chosen Option : 4

Q.16 Select the correct indirect form of the given sentence.

The watchman said, "I did not see anyone last night."

- Ans
- 1. The watchman said that he had not seen anyone the previous night.
  - 2. The watchman said that he did not see anyone last night.
  - 3. The watchman said that he did not saw anyone the previous night.
  - 4. The watchman said that I had not seen anyone last night.

Question ID : 6549788344  
Status : Answered  
Chosen Option : 1

Q.17 Select the most appropriate meaning of the underlined idiom in the given sentence.

The friends quarrelled some time ago but now they are trying to make up with each other.

- Ans
- 1. to part forever
  - 2. to blame each other
  - 3. to compete with one another
  - 4. to settle their differences

Question ID : 6549788359  
Status : Answered  
Chosen Option : 4

Q.18 Given below are four sentences in jumbled order. Select the option that gives their correct order.

- A. The other was a ruffled, glum-faced man, heavily built and roughly dressed.
- B. One man had a handsome presence with a bold and frank look.
- C. But the most striking thing was that they were handcuffed together.
- D. The two men who boarded the train from Denver were an odd pair.

- Ans
- 1. DCAB
  - 2. BADC
  - 3. ADCB
  - 4. DBAC

Question ID : 6549788353  
Status : Answered  
Chosen Option : 2

Q.19 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

- A. Earlier, they had to look through hundreds of mugshots in large books and they could make a positive identification only in 5% of the cases.
- B. This saves a lot of time and effort and also leads to more positive identifications.
- C. Now computers make this easier for witnesses by projecting only pictures that match the descriptions closely.
- D. After a crime, witnesses often give the police a description and thus help to identify the criminal.

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

Question ID : 6549787546  
Status : Answered  
Chosen Option : 2

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

ADEPT

- Ans
- 1. clumsy
  - 2. rough
  - 3. lazy
  - 4. skilled

Question ID : 6549788365  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

We must understand that people can process very little information presented orally. So, it is (1) \_\_\_\_\_, particularly for a teacher, to realise that the students have sometimes listened to three or four teachers (2) \_\_\_\_\_ you. So, the teacher must have props like notes, handouts and slides that will make the learning material (3) \_\_\_\_\_ alive for the students and stay that way with them. A visual aid, a little movement or colour will get the students' attention. Another important thing to (4) \_\_\_\_\_ is that long, complicated sentences spoken fast are simply too difficult for students to understand. It is, therefore, (5) \_\_\_\_\_ to use short sentences that make sense to them instantly.

**SubQuestion No : 21**

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans
- 1. urgent
  - 2. unnecessary
  - 3. important
  - 4. immaterial

Question ID : 6549787540  
Status : Answered  
Chosen Option : 3

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

We must understand that people can process very little information presented orally. So, it is (1) \_\_\_\_\_, particularly for a teacher, to realise that the students have sometimes listened to three or four teachers (2) \_\_\_\_\_ you. So, the teacher must have props like notes, handouts and slides that will make the learning material (3) \_\_\_\_\_ alive for the students and stay that way with them. A visual aid, a little movement or colour will get the students' attention. Another important thing to (4) \_\_\_\_\_ is that long, complicated sentences spoken fast are simply too difficult for students to understand. It is, therefore, (5) \_\_\_\_\_ to use short sentences that make sense to them instantly.

**SubQuestion No : 22**

**Q.22** Select the most appropriate option to fill in blank number 2.

- Ans
- 1. after
  - 2. beside
  - 3. behind
  - 4. before

Question ID : 6549787541

Status : Answered

Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

We must understand that people can process very little information presented orally. So, it is (1) \_\_\_\_\_, particularly for a teacher, to realise that the students have sometimes listened to three or four teachers (2) \_\_\_\_\_ you. So, the teacher must have props like notes, handouts and slides that will make the learning material (3) \_\_\_\_\_ alive for the students and stay that way with them. A visual aid, a little movement or colour will get the students' attention. Another important thing to (4) \_\_\_\_\_ is that long, complicated sentences spoken fast are simply too difficult for students to understand. It is, therefore, (5) \_\_\_\_\_ to use short sentences that make sense to them instantly.

**SubQuestion No : 23**

**Q.23** Select the most appropriate option to fill in blank number 3.

- Ans
- 1. be
  - 2. go
  - 3. come
  - 4. stay

Question ID : 6549787542

Status : Answered

Chosen Option : 3

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

We must understand that people can process very little information presented orally. So, it is (1) \_\_\_\_\_, particularly for a teacher, to realise that the students have sometimes listened to three or four teachers (2) \_\_\_\_\_ you. So, the teacher must have props like notes, handouts and slides that will make the learning material (3) \_\_\_\_\_ alive for the students and stay that way with them. A visual aid, a little movement or colour will get the students' attention. Another important thing to (4) \_\_\_\_\_ is that long, complicated sentences spoken fast are simply too difficult for students to understand. It is, therefore, (5) \_\_\_\_\_ to use short sentences that make sense to them instantly.

**SubQuestion No : 24**

**Q.24** Select the most appropriate option to fill in blank number 4.

- Ans
- 1. guess
  - 2. determine
  - 3. realise
  - 4. decide

Question ID : 6549787543

Status : Answered

Chosen Option : 3

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

We must understand that people can process very little information presented orally. So, it is (1) \_\_\_\_\_, particularly for a teacher, to realise that the students have sometimes listened to three or four teachers (2) \_\_\_\_\_ you. So, the teacher must have props like notes, handouts and slides that will make the learning material (3) \_\_\_\_\_ alive for the students and stay that way with them. A visual aid, a little movement or colour will get the students' attention. Another important thing to (4) \_\_\_\_\_ is that long, complicated sentences spoken fast are simply too difficult for students to understand. It is, therefore, (5) \_\_\_\_\_ to use short sentences that make sense to them instantly.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank number 5.

- Ans
- 1. advisable
  - 2. mandatory
  - 3. compulsory
  - 4. critical

Question ID : 6549787544

Status : Not Answered

Chosen Option : --

**Q.1** 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:**

Some drivers are artists.  
 All fathers are artists.  
 No father is a doctor.

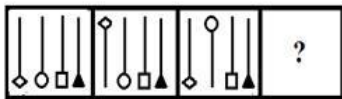
**Conclusions:**

I. No doctor is an artist.  
 II. No driver is a doctor.  
 III. Some artists are fathers.

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

Question ID : **6549787578**  
 Status : **Answered**  
 Chosen Option : **3**

**Q.2** Select the figure that will replace the question mark (?) in the following figure series.



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

Question ID : **6549788388**  
 Status : **Answered**  
 Chosen Option : **4**

Q.3 In a code language, if LOCK is written as 1212311 and KEY is written as 112225, then how will DEAR be written in the same language?

- Ans
- 1. 4232609
  - 2. 4222618
  - 3. 4052619
  - 4. 4220218

Question ID : 6549788378  
Status : Marked For Review  
Chosen Option : 4

Q.4 Select the number from among the given options that can replace the question mark (?) in the following series.

52, ?, 113, 162, 226, 307

- Ans
- 1. 70
  - 2. 77
  - 3. 89
  - 4. 83

Question ID : 6549787566  
Status : Answered  
Chosen Option : 2

Q.5 Three of the following four letter-cluster pairs are alike in a certain way and one is different. Select the odd one.

- Ans
- 1. FRY : HTB
  - 2. TAP : VDT
  - 3. DRY : FUC
  - 4. RAT : TDX

Question ID : 6549788384  
Status : Answered  
Chosen Option : 1

Q.6 Select the option that is related to the third word in the same way as the second word is related to the first word.

Kick : Football : : Backstroke : ?

- Ans
- 1. Swimming
  - 2. Polo
  - 3. Weight lifting
  - 4. Cricket

Question ID : 6549787572  
Status : Answered  
Chosen Option : 4



Q.7 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

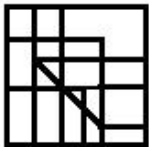
1.



2.



3.



4.

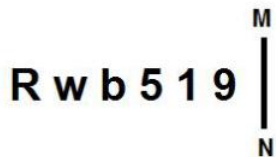


Question ID : 6549787582

Status : Answered

Chosen Option : 4

Q.8 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.



Ans

1.



2.



3.



4.



Question ID : 6549787584

Status : Answered

Chosen Option : 3

**Q.9** In a group of 72 workers, each worker participates in one or more of three activities, i.e. Quiz, Mono-acting and Mimicry. 11 workers participate in Quiz only, 15 participate in Mono-acting only and 14 participate in Mimicry only. If 5 workers participate in all three activities, then how many workers participate in any two activities?

- Ans
- 1. 25
  - 2. 37
  - 3. 27
  - 4. 15

Question ID : 6549788369

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

Chosen Option : --

**Q.10** Select the option in which the numbers are related in the same way as are the numbers of the following set.

(21, 13, 17)

- Ans
- 1. (11, 21, 140)
  - 2. (25, 35, 38)
  - 3. (22, 57, 81)
  - 4. (32, 46, 39)

Question ID : 6549787564

Status : **Answered**

Chosen Option : 4

**Q.11** Select the option in which the numbers in the set share the same relationship as the numbers in the given set.

(25, 19, 36)

- Ans
- 1. (27, 11, 38)
  - 2. (20, 14, 66)
  - 3. (24, 22, 49)
  - 4. (22, 17, 25)

Question ID : 6549788373

Status : **Not Answered**

Chosen Option : --

**Q.12** Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one having '4'.



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

Question ID : 6549788387  
Status : Answered  
Chosen Option : 1

**Q.13** In a certain code language, 'MODERATE' is written as 'OQEFTBVF' and 'LIFE' is written as 'NJGF'. How will 'CLEAR' be written in that language?

- Ans
- 1. ENFBT
  - 2. DOFCT
  - 3. DNFBT
  - 4. DNGBU

Question ID : 6549787569  
Status : Answered  
Chosen Option : 1

**Q.14** Select the correct combination of mathematical signs that can sequentially replace the \* signs and balance the given equation.

$$100 * 25 * 35 * 15 * 5 * 190$$

- Ans
- 1. -, +, ÷, ×, =
  - 2. ×, -, +, ÷, =
  - 3. -, +, ×, ÷, =
  - 4. +, -, ÷, ×, =

Question ID : 6549787562  
Status : Answered  
Chosen Option : 3

Q.15 How many triangles are there in the figure given below?



- Ans
- 1. 10
  - 2. 9
  - 3. 8
  - 4. 11

Question ID : 6549788389  
Status : Answered  
Chosen Option : 2

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

TANGLE : XERKPI :: FIGHTS : ?

- Ans
- 1. JMKLXW
  - 2. JMKMXX
  - 3. JNOLXW
  - 4. KMKLYW

Question ID : 6549787571  
Status : Answered  
Chosen Option : 1

Q.17 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

H \_ Z \_ H O Z C H O \_ D \_ O \_ E H \_ Z F

- Ans
- 1. O B Z H Z O
  - 2. O C Z H Z H
  - 3. O B H O Z O
  - 4. H B Z H H O

Question ID : 6549787573  
Status : Answered  
Chosen Option : 1

Q.18 Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.

Courage : Bravery

- Ans
- 1. Aggressive : Fragile
  - 2. Patience : Violent
  - 3. Afraid : Lazy
  - 4. Systematic : Orderly

Question ID : 6549788383

Status : Answered

Chosen Option : 4

Q.19 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

11 : 242 :: ? : 162 :: 14 : 392

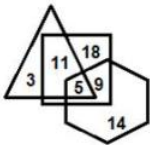
- Ans
- 1. 9
  - 2. 10
  - 3. 8
  - 4. 12

Question ID : 6549788371

Status : Answered

Chosen Option : 1

Q.20 In the Venn diagram given below, if 'Hexagon' represents 'Farmers', 'Triangle' represents 'Villagers' and 'Square' represents 'Beneficiaries', then how many Farmers are there who are Villagers and Beneficiaries also?



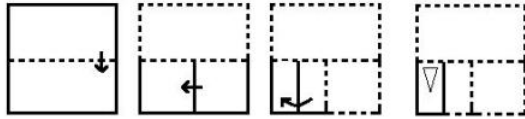
- Ans
- 1. 9
  - 2. 18
  - 3. 11
  - 4. 5

Question ID : 6549788393

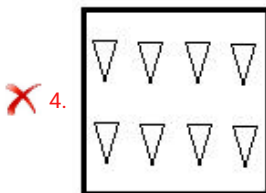
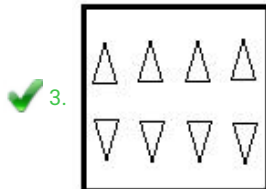
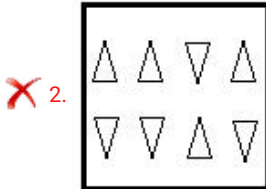
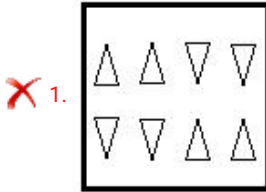
Status : Answered

Chosen Option : 4

**Q.21** 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 : 6549787583

Status : Answered

Chosen Option : 3

**Q.22** Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

1. Gastroenterologist

2. Psychiatrist

3. Ophthalmologist

4. Cardiologist

Question ID : 6549787577

Status : Not Answered

Chosen Option : --

**Q.23** A family consists of six members. Surendar is the son of Revant. Pranavi is the wife of Revant. Yugal is the brother of Revant. Kundana is the daughter of Pranavi. Janardan is the brother of Pranavi. How many children does Pranavi have?

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

Question ID : 6549786766  
Status : Answered  
Chosen Option : 3

**Q.24** Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- Ans
- 1. 9 : 734
  - 2. 7 : 348
  - 3. 5 : 130
  - 4. 8 : 516

Question ID : 6549788375  
Status : Answered  
Chosen Option : 4

**Q.25** Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Primary
2. Pristine
3. Predator
4. Precaution
5. Preserve

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

Question ID : 6549788376  
Status : Answered  
Chosen Option : 3

**Q.1** Sachin alone can complete a piece of work for ₹8,500 in  $8\frac{1}{2}$  days. But with the help of Vishnu, the work is completed in 6 days. The share to be paid to Vishnu is:

- Ans
- 1. ₹3,200
  - 2. ₹2,500
  - 3. ₹2,400
  - 4. ₹2,000

Question ID : 6549787586  
Status : Answered  
Chosen Option : 2

**Q.2** If  $x - y = 4$  and  $x^3 - y^3 = 316$ , then the value of  $x^4 + y^4$  is:

- Ans
- 1. 2248
  - 2. 2482
  - 3. 2428
  - 4. 2284

Question ID : 6549787601  
Status : Answered  
Chosen Option : 2

**Q.3** An article was sold at a loss of 24%. If it were sold for ₹1,596 more, then there would have been a gain of 18%. The cost price of the article is:

- Ans
- 1. ₹3,400
  - 2. ₹3,600
  - 3. ₹3,800
  - 4. ₹4,200

Question ID : 6549787592  
Status : Answered  
Chosen Option : 3

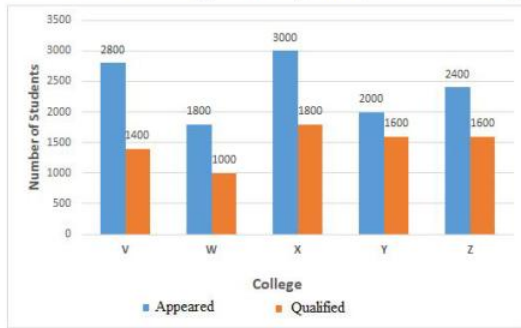
**Q.4** If  $a : b = 3 : 5$ ,  $b : c = 7 : 8$  and  $c : d = 2 : 3$ , then  $2a : 3d$  is equal to:

- Ans
- 1. 1 : 2
  - 2. 7 : 30
  - 3. 7 : 15
  - 4. 7 : 20

Question ID : 6549788401  
Status : Answered  
Chosen Option : 2



**Q.5** Study the following graph and answer the question that follows.  
 Number of students that appeared and qualified, from various colleges, at a scholarship examination.



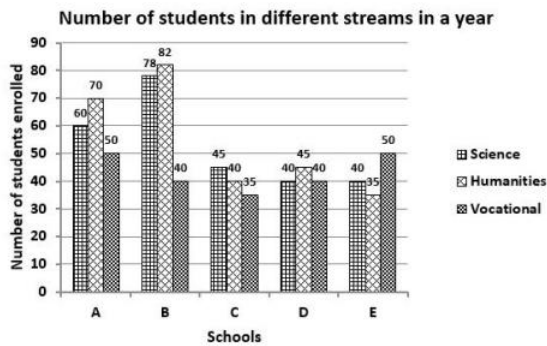
What is the difference between the average number of students that appeared for the scholarship examination from all the given colleges, and the average number of students that qualified from all the colleges together?

- Ans**
- ✓ 1. 920
  - ✗ 2. 940
  - ✗ 3. 930
  - ✗ 4. 910

Question ID : 6549788719  
 Status : **Marked For Review**  
 Chosen Option : 1

**Q.6** The number of students enrolled in different streams at Senior Secondary level in five schools is shown in the given bar graph.

The number of students enrolled in the Humanities stream in schools A, C and D is what percentage of the number of students enrolled in the Vocational stream in schools C, D and E?



- Ans**
- ✗ 1. 75
  - ✗ 2. 80.64
  - ✗ 3. 115
  - ✓ 4. 124

Question ID : 6549788418  
 Status : **Answered**  
 Chosen Option : 4

Q.7 The in-radius and circumradius of a right-angled triangle is 3 cm and 12.5 cm, respectively. The area of the triangle is:

- Ans
- 1.  $64 \text{ cm}^2$
  - 2.  $48 \text{ cm}^2$
  - 3.  $88 \text{ cm}^2$
  - 4.  $84 \text{ cm}^2$

Question ID : 6549787598

Status : Not Answered

Chosen Option : --

Q.8 If  $a + b = 24$  and  $a^2 + b^2 = 306$ , where  $a > b$ , then the value of  $4a - 5b$  is:

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

Question ID : 6549787600

Status : Answered

Chosen Option : 4

Q.9 If the number  $87m6203m$  is divisible by 6, then find the sum of all possible values of 'm'.

- Ans
- 1. 10
  - 2. 20
  - 3. 16
  - 4. 15

Question ID : 6549788410

Status : Not Answered

Chosen Option : --

Q.10 What is the coefficient of  $y^2$  in the expansion of  $(\sqrt{2}y^2 - 5\sqrt{3})^3$ ?

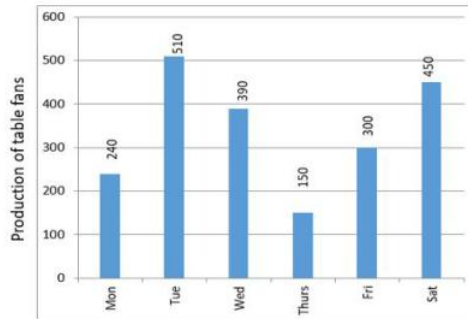
- Ans
- 1.  $-225\sqrt{2}$
  - 2.  $-30\sqrt{3}$
  - 3.  $225\sqrt{2}$
  - 4.  $30\sqrt{3}$

Question ID : 6549788407

Status : Marked For Review

Chosen Option : 2

- Q.11** Study the given bar graph and answer the question that follows.  
The bar graph shows the production of table fans in a factory during one week.



The average production of table fans on Friday and Saturday exceeds the average production of table fans during the week by:

- Ans**
- 1. 45
  - 2. 30
  - 3. 35
  - 4. 40

Question ID : 6549787305  
Status : Answered  
Chosen Option : 3

- Q.12** In a triangle ABC, if BD and CD bisect  $\angle B$  and  $\angle C$ , respectively, and  $\angle A = 100^\circ$ , then find  $\angle BDC$ .

- Ans**
- 1.  $130^\circ$
  - 2.  $100^\circ$
  - 3.  $110^\circ$
  - 4.  $140^\circ$

Question ID : 6549788405  
Status : Answered  
Chosen Option : 4

- Q.13** Two circles of radii 4 cm and 3 cm, respectively, touch each other externally. What is the distance (in cm) between their centres?

- Ans**
- 1. 5
  - 2. 16
  - 3. 7
  - 4. 9

Question ID : 6549787596  
Status : Answered  
Chosen Option : 3

Q.14 A number P is 20% more than a number Q but 10% less than a number R. What percentage is number Q of number R?

- Ans
- 1. 80
  - 2. 85
  - 3. 75
  - 4. 90

Question ID : 6549788399  
Status : Answered  
Chosen Option : 4

Q.15 If  $\cos\theta = \frac{7}{3\sqrt{6}}$  and  $\theta$  is an acute angle, then the value of  $27 \sin^2\theta - \frac{3}{2}$  is:

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

Question ID : 6549787604  
Status : Answered  
Chosen Option : 3

Q.16 During his morning walk, Atul walks for 45 minutes at a speed of 8 km/h and takes 15 rounds of a park. Shekhar takes 10 rounds of the same park in 40 minutes. What is the speed of Shekhar in km/h?

- Ans
- 1. 7.2
  - 2. 6
  - 3. 6.75
  - 4. 7.5

Question ID : 6549788395  
Status : Answered  
Chosen Option : 2

Q.17 For  $A = 30^\circ$ , find the value of:  $\frac{-3\sin^2 2A + 2\sec^2 A - \tan \frac{3A}{2}}{\frac{1}{3}\sin 3A}$

- Ans
- 1.  $-\frac{7}{4}$
  - 2.  $-\frac{7}{36}$
  - 3.  $\frac{57}{4}$
  - 4.  $\frac{11}{4}$

Question ID : 6549788413  
Status : Answered  
Chosen Option : 1

Q.18 Find the value of  $\theta$ , if  $\sec^2 \theta + (1 - \sqrt{3}) \tan \theta - (1 + \sqrt{3}) = 0$ , where  $\theta$  is an acute angle.

- Ans  1.  $60^\circ$   
 2.  $30^\circ$   
 3.  $45^\circ$   
 4.  $15^\circ$

Question ID : 6549787606  
Status : Not Answered  
Chosen Option : --

Q.19 How many spherical bullets, each bullet being 7 cm in diameter, can be made out of a cube of lead whose edge measures 77 cm?

(Take  $\pi = \frac{22}{7}$ )

- Ans  1. 1452  
 2. 4521  
 3. 2451  
 4. 2541

Question ID : 6549787588  
Status : Answered  
Chosen Option : 4

Q.20 The distance between two equal parallel chords of a circle is 10 cm. If the chords are 24 cm long, then what is the length of the radius?

- Ans  1.  $2\sqrt{61}$  cm  
 2. 17 cm  
 3. 26 cm  
 4. 13 cm

Question ID : 6549788403  
Status : Answered  
Chosen Option : 4

Q.21 The numbers 2, 3, 4 and 5 occur  $(2 + 5k)$ ,  $(5k - 7)$ ,  $(2k - 3)$  and  $(k + 2)$  times, respectively. The average of the numbers is 2.85. Later on, the number 2 was replaced by 6 in all the places. What is the average of the new numbers?

- Ans  1. 2.4  
 2. 5.25  
 3. 3.85  
 4. 4.75

Question ID : 6549788397  
Status : Not Answered  
Chosen Option : --

**Q.22** Krishan invested a sum of ₹25,000 in two parts. He earned 11% p.a. simple interest on part 1 and 10% p.a. compound interest compounded annually on part 2. If the total interest received by him after 2 years is ₹5,370, then find the sum invested on simple interest.

- Ans**
- 1. ₹11,000
  - 2. ₹12,000
  - 3. ₹12,500
  - 4. ₹13,000

Question ID : **6549788402**  
Status : **Not Answered**  
Chosen Option : --

**Q.23** The value of  $18\frac{2}{11} \div \left[ \frac{7}{33} + \left\{ \frac{29}{6} - \frac{3}{11} \times \left( 5\frac{1}{6} - 3\frac{1}{3} \right) \right\} \right]$  is:

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

Question ID : **6549787603**  
Status : **Not Answered**  
Chosen Option : --

**Q.24** An article is listed at ₹5,000 and two successive discounts of 12% and 12% are given on it. How much will the seller gain or lose if he gives a single discount of 24%?

- Ans**
- 1. Loss ₹72
  - 2. Loss ₹64
  - 3. Profit ₹64
  - 4. Profit ₹72

Question ID : **6549787590**  
Status : **Not Answered**  
Chosen Option : --

**Q.25** The given pie charts show the distribution of students of graduate and postgraduate levels in five different institutes, P, Q, R, S and T, in a town. Study the pie charts and answer the question that follows.

(i) Total number of students of graduate level in five different institutes = 12400

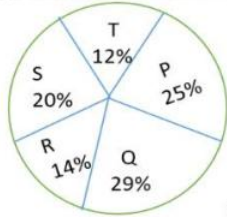


Fig. (i)

(ii) Total number of students of postgraduate level in five different institutes = 8000

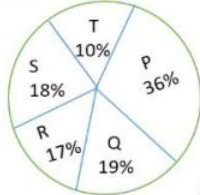


Fig. (ii)

The total number of graduate and post graduate level students in institute Q is:

- Ans
- 1. 5216
  - 2. 5126
  - 3. 5116
  - 4. 4116

Question ID : 6549787607

Status : Not Answered

Chosen Option : --

Section : General Awareness

**Q.1** How many Olympic Medals did India win in the sport of wrestling, as of January 2021?

- Ans
- 1. Two
  - 2. Four
  - 3. Three
  - 4. Five

Question ID : 6549788443

Status : Not Answered

Chosen Option : --

**Q.2** Which of the following is the world's third-highest mountain that connects the borders of India and Nepal?

- Ans
- 1. Nanga Parbat
  - 2. Kanchenjunga
  - 3. K2
  - 4. Broad Peak

Question ID : 6549788434

Status : Marked For Review

Chosen Option : 3

**Q.3 In which state was the foundation stone for a water supply project laid down by Prime Minister Narendra Modi in July 2020?**

- Ans
- 1. Manipur
  - 2. Uttar Pradesh
  - 3. Telangana
  - 4. Punjab

Question ID : 6549787617  
Status : **Marked For Review**  
Chosen Option : 2

**Q.4 What is the minimum age to be an eligible voter for Lok Sabha elections?**

- Ans
- 1. 17 years
  - 2. 15 years
  - 3. 18 years
  - 4. 16 years

Question ID : 6549788439  
Status : **Answered**  
Chosen Option : 3

**Q.5 Which type of storage device is a hard disk?**

- Ans
- 1. Secondary
  - 2. Tertiary
  - 3. Off-line
  - 4. Primary

Question ID : 6549788419  
Status : **Answered**  
Chosen Option : 1

**Q.6 What is the use of the functional key F7 in Microsoft Word 2010?**

- Ans
- 1. It is used to open the Help window.
  - 2. It is used to run spell check and grammar check.
  - 3. It is used for renaming files and folders.
  - 4. It is used as a search key.

Question ID : 6549787612  
Status : **Not Answered**  
Chosen Option : --



Q.7 The cause of Siderosis is excessive deposition of \_\_\_\_\_ in the body tissue.

- Ans  1. iron  
 2. aluminium  
 3. coal  
 4. zinc

Question ID : 6549787620

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

Chosen Option : --

Q.8 How many storeys does Qutab Minar have in Delhi?

- Ans  1. Five  
 2. Eight  
 3. Seven  
 4. Six

Question ID : 6549788421

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

Chosen Option : --

Q.9 Who among the following was conferred with the 'Best Actor' award at the Dadasaheb Phalke International Film Festival in February 2020?

- Ans  1. Hrithik Roshan  
 2. Amir Khan  
 3. Ranveer Singh  
 4. Ranbir Kapoor

Question ID : 6549788438

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

Chosen Option : --

Q.10 By which amendment of the Constitution of India were the terms 'socialist' and 'secular' added in the preamble?

- Ans  1. Constitution (Forty-First Amendment) Act, 1976  
 2. Constitution (Forty-Third Amendment) Act, 1977  
 3. Constitution (Forty-Fourth Amendment) Act, 1978  
 4. Constitution (Forty-Second Amendment) Act, 1976

Question ID : 6549787632

Status : **Answered**

Chosen Option : 4

Q.11 Who won the 10 m air rifle event at the fifth edition of the International Online Shooting Championship in October 2020?

- Ans
- 1. Rahi Sarnobat
  - 2. Manu Bhaker
  - 3. Divyansh Singh Panwar
  - 4. Visnu Shivaraj Pandian

Question ID : 6549787634  
Status : Marked For Review  
Chosen Option : 2

Q.12 Lohit river is a tributary of:

- Ans
- 1. Ghaghara
  - 2. Yamuna
  - 3. Chambal
  - 4. Brahmaputra

Question ID : 6549787623  
Status : Not Answered  
Chosen Option : --

Q.13 Who among the following is the first Indian to be awarded with UN Military Gender Advocate Award in May 2020?

- Ans
- 1. Shivangi Singh
  - 2. Suman Gawani
  - 3. Jyoti Sharma
  - 4. Rani Rampal

Question ID : 6549788423  
Status : Marked For Review  
Chosen Option : 2

Q.14 Which of the following statements about bromine is correct?

- Ans
- 1. It is a metal.
  - 2. It is a gas at room temperature.
  - 3. It is a solid at room temperature.
  - 4. It is a liquid at room temperature.

Question ID : 6549787622  
Status : Not Answered  
Chosen Option : --

Q.15 In September 2020, who was appointed as the Chairman of National School of Drama?

- Ans  1. Paresh Rawal  
 2. Nawazuddin Siddiqui  
 3. Anupam Kher  
 4. Waman Kendre

Question ID : 6549787629  
Status : Answered  
Chosen Option : 2

Q.16 In the central budget 2020-21 the eligibility limit for NBFCs for debt recovery under the SARFAESI Act was proposed to be reduced to an asset size of:

- Ans  1. ₹200 crores  
 2. ₹300 crores  
 3. ₹100 crores  
 4. ₹400 crores

Question ID : 6549787619  
Status : Answered  
Chosen Option : 1

Q.17 With which of the following sports is Murugappa Gold Cup associated?

- Ans  1. Table tennis  
 2. Hockey  
 3. Football  
 4. Cricket

Question ID : 6549788441  
Status : Not Answered  
Chosen Option : --

Q.18 In which of the following states is Sambhar Salt Lake situated?

- Ans  1. Rajasthan  
 2. Gujarat  
 3. Andhra Pradesh  
 4. Punjab

Question ID : 6549787624  
Status : Not Answered  
Chosen Option : --

Q.19 Which of the following statements is correct?

- Ans
- 1. In 1774, the Asiatic Society was founded by Sir Williams Jones.
  - 2. In 1775, the Siraj ud-Daulah was defeated in the Battle of Plassey.
  - 3. In 1776, the first railway service began from Bombay to Thane.
  - 4. In 1793, the Cornwallis code was enacted.

Question ID : 6549787627  
Status : **Marked For Review**  
Chosen Option : 1

Q.20 Where is Kandariya Mahadev Temple situated?

- Ans
- 1. Khajuraho
  - 2. Modhera
  - 3. Deogarh
  - 4. Aurangabad

Question ID : 6549787614  
Status : **Marked For Review**  
Chosen Option : 1

Q.21 Which of the following Indian cities hosted the International Summit on Women in STEM (Science, Technology, Engineering and Mathematics) in January 2020?

- Ans
- 1. Hyderabad
  - 2. Pune
  - 3. New Delhi
  - 4. Lucknow

Question ID : 6549788424  
Status : **Not Answered**  
Chosen Option : --

Q.22 In which of the following states is the Bhadra Wildlife Sanctuary located?

- Ans
- 1. West Bengal
  - 2. Karnataka
  - 3. Bihar
  - 4. Gujarat

Question ID : 6549788433  
Status : **Marked For Review**  
Chosen Option : 3

Q.23 Cuscuta is an example of:

- Ans
- 1. autotroph
  - 2. saprotroph
  - 3. host
  - 4. parasite

Question ID : 6549788429  
Status : Not Answered  
Chosen Option : --

Q.24 Who was the founder of the Mamluk dynasty in India?

- Ans
- 1. Qutb al-Din Aibak
  - 2. Bakhtiyar Khilji
  - 3. Razia Sultan
  - 4. Iltutmish

Question ID : 6549788436  
Status : Answered  
Chosen Option : 1

Q.25 In which year was the Marine Products Export Development Authority (MPEDA) established in India?

- Ans
- 1. 1948
  - 2. 1974
  - 3. 1947
  - 4. 1972

Question ID : 6549788426  
Status : Not Answered  
Chosen Option : --