

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

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|----------------|-------------------------------------------|
| 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.

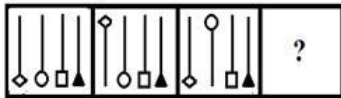
**Statements:**  
 Some drivers are artists.  
 All fathers are artists.  
 No father is a doctor.

**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 : ?

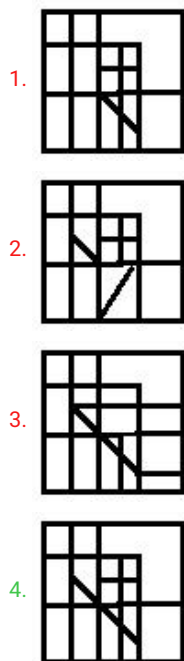
- Ans
- 1. Swimming
  - 2. Polo
  - 3. Weight lifting
  - 4. Cricket

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

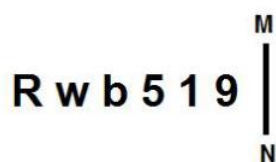


Question ID : 6549787582

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



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)

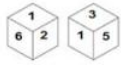
- Ans**
- 1. (27, 11, 38)
  - 2. (20, 14, 66)
  - 3. (24, 22, 49)
  - 4. (22, 17, 25)

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

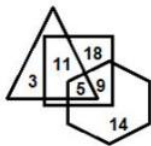
- Ans
1. 9
  2. 10
  3. 8
  4. 12

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?



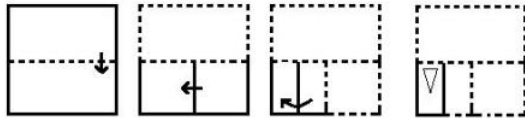
- Ans
1. 9
  2. 18
  3. 11
  4. 5

Question ID : 6549788393

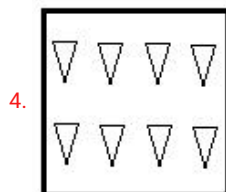
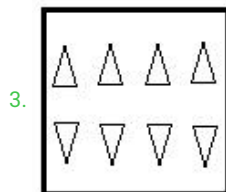
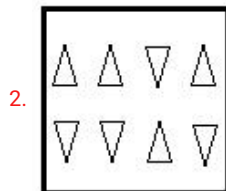
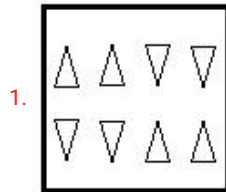
Status : Answered

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.

Ans

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**

Section : **Quantitative Aptitude**

Q.1

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

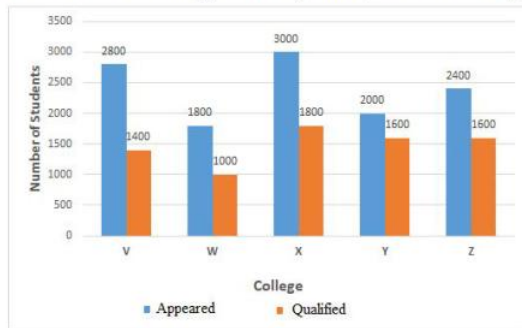
Question ID : 6549788401

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

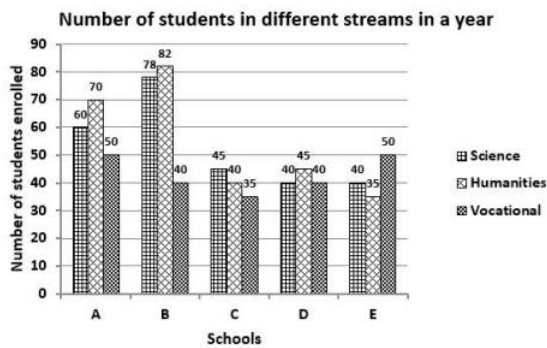
Question ID : 6549788719

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

Ans

- 1.
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.  $30\sqrt{3}$

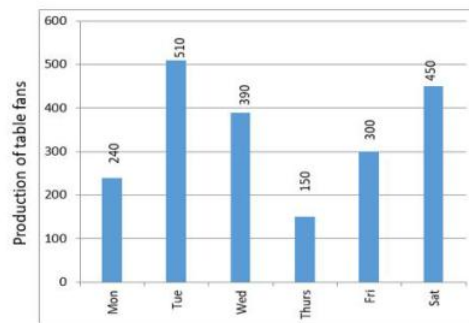
Question ID : 6549788407

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

- Ans
- 1.
  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

Ans

1.

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

- 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

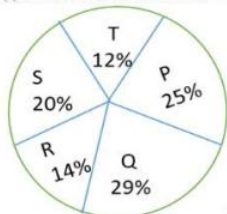


Fig. (i)

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

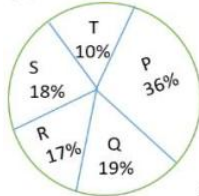


Fig. (ii)

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 : --