

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

Roll Number	
Candidate Name	
Venue Name	
Exam Date	04/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Higher Secondary Level Exam 2020

Section : English Language

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

If he doesn't reach the station in time, he would sure miss the train.

- Ans
- 1. would surely miss
  - 2. No substitution
  - 3. will sure missing
  - 4. will surely miss

Question ID : 6549789568  
 Status : Answered  
 Chosen Option : 4

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

It is claimed that if you take a certain homeopathic medicine, it will \_\_\_\_ you against the coronavirus.

- Ans
- 1. shelter
  - 2. immune
  - 3. reinforce
  - 4. fortify

Question ID : 6549789579  
 Status : Answered  
 Chosen Option : 2

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

WRY

- Ans
- 1. straight
  - 2. frank
  - 3. forthright
  - 4. crooked

Question ID : 6549789577  
 Status : Not Answered  
 Chosen Option : --

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

My mother generally read the local newspaper to keep abreast of the local news.

- Ans
- 1. the local newspaper
  - 2. ofthe local news
  - 3. My mother generally read
  - 4. to keep abreast

Question ID : 6549789557  
Status : Answered  
Chosen Option : 3

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

SUSTENANCE

- Ans
- 1. refreshment
  - 2. livelihood
  - 3. starvation
  - 4. nourishment

Question ID : 6549789065  
Status : Not Answered  
Chosen Option : --

Q.6 Select the INCORRECTLY spelt word.

- Ans
- 1. superior
  - 2. superstition
  - 3. superflous
  - 4. supreme

Question ID : 6549789574  
Status : Answered  
Chosen Option : 3

Q.7 Select the option that will improve the underlined segment in the given sentence. In case no improvement is needed, select 'No improvement'

What a palace home!

- Ans
- 1. pushy
  - 2. palatial
  - 3. palatable
  - 4. No improvement

Question ID : 6549789062  
Status : Answered  
Chosen Option : 2

Q.8 Select the most appropriate synonym of the given word.

**MALIGNANT**

- Ans  1. vicious  
 2. beneficial  
 3. loving  
 4. healthy

Question ID : 6549789073  
Status : Not Answered  
Chosen Option : --

Q.9 Select the most appropriate meaning of the given idiom.

**Under wraps**

- Ans  1. under estimate  
 2. double layered  
 3. secretly  
 4. underhand

Question ID : 6549789067  
Status : Answered  
Chosen Option : 3

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

**DEVIIOUS**

- Ans  1. Deceitful  
 2. shrewd  
 3. straight  
 4. calculating

Question ID : 6549789569  
Status : Not Answered  
Chosen Option : --

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

Anju said to Vijaya, "You can stay with us whenever you are in Delhi."

- Ans  1. Anju told Vijaya that she could stay with them whenever she was in Delhi.  
 2. Anju told Vijaya that she could stay with them whenever you were in Delhi.  
 3. Anju told Vijaya that she can stay with us whenever she is in Delhi.  
 4. Anju told Vijaya that you can stay with us whenever you are in Delhi.

Question ID : 6549789556  
Status : Answered  
Chosen Option : 1

Q.12 Select the option which means the same as the group of words given.

A government run by the wealthy people

- Ans
- 1. oligarchy
  - 2. monarchy
  - 3. plutocracy
  - 4. aristocracy

Question ID : 6549789576  
Status : Answered  
Chosen Option : 4

Q.13 Select the correct passive form of the given sentence.

The Central Board of Secondary Education has launched a new helpline for students.

- Ans
- 1. A new helpline for students is launched by the Central Board of Secondary Education.
  - 2. A new helpline for students will be launched by the Central Board of Secondary Education.
  - 3. A new helpline for students had been launched by the Central Board of Secondary Education.
  - 4. A new helpline for students has been launched by the Central Board of Secondary Education.

Question ID : 6549789050  
Status : Answered  
Chosen Option : 4

Q.14 Given below are four jumbled sentences. Out of the given options, pick the one that gives their correct order.

- A. He lived in a small house near the main road of a village.
- B. As both, he and his wife, worked hard, they made a small fortune.
- C. But one thing caused them great sorrow: they had no children.
- D. After he got married, he started a tailor's shop.

- Ans
- 1. ABDC
  - 2. BDAC
  - 3. ADBC
  - 4. BACD

Question ID : 6549789565  
Status : Answered  
Chosen Option : 3

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

Debjyoti's short animation film \_\_\_\_\_ highlights the stark contrast between the rich and the poor in India.

- Ans
- 1. poignantly
  - 2. strictly
  - 3. carelessly
  - 4. sweetly

Question ID : 6549789075  
Status : Answered  
Chosen Option : 2

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

On tenterhooks

- Ans
- 1. Very sad
  - 2. Very tense
  - 3. Very happy
  - 4. very angry

Question ID : 6549789571  
Status : Not Answered  
Chosen Option : --

Q.17 Select the INCORRECTLY spelt word.

- Ans
- 1. disappear
  - 2. until
  - 3. twelfth
  - 4. temperature

Question ID : 6549789068  
Status : Answered  
Chosen Option : 3

Q.18 Examine the four jumbled sentences. Out of the given options, pick the one that gives their correct order.

- A. We gently put the fledgling back into the nest.
- B. One morning, we found one of the four fallen on the ground.
- C. The robin couple built a nest in our verandah and laid four eggs.
- D. Once they had hatched, they busily took turns feeding the four.

- Ans
- 1. CDBA
  - 2. ACDB
  - 3. BADC
  - 4. DABC

Question ID : 6549789061  
Status : Answered  
Chosen Option : 1

Q.19 Select the word which means the same as the group of words given.

That which is incapable of being read or understood

- Ans
- 1. Indelible
  - 2. Illegible
  - 3. Illegal
  - 4. Intelligible

Question ID : 6549789070  
Status : Answered  
Chosen Option : 2

Q.20 The following sentence has been split into four segments. Identify the segment which contains a grammatical error.

Deepu's mother / has repeated asked him / to lower the volume / of his mobile.

- Ans
- 1. has repeated asked him
  - 2. to lower the volume
  - 3. of his mobile
  - 4. Deepu's mother

Question ID : 6549789053  
Status : Answered  
Chosen Option : 1

**Comprehension:**

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

A year is hardly sufficient time for a Master to (1) \_\_\_\_\_ about a new school, leave alone absorb a distinct tradition like (2) \_\_\_\_\_. Most of the new appointees had not served in a residential school and (3) \_\_\_\_\_ time to learn. But the short tenure did not allow (4) \_\_\_\_\_. They could not develop understanding of the student and his (5) \_\_\_\_\_.

**SubQuestion No : 21**

Q.21 Select the most appropriate option for blank No. 1.

- Ans
- 1. learnt
  - 2. learn
  - 3. learns
  - 4. learning

Question ID : 6549789055  
Status : Answered  
Chosen Option : 2

**Comprehension:**

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

A year is hardly sufficient time for a Master to (1) \_\_\_\_\_ about a new school, leave alone absorb a distinct tradition like (2) \_\_\_\_\_. Most of the new appointees had not served in a residential school and (3) \_\_\_\_\_ time to learn. But the short tenure did not allow (4) \_\_\_\_\_. They could not develop understanding of the student and his (5) \_\_\_\_\_.

**SubQuestion No : 22**

**Q.22** Select the most appropriate option for blank No. 2.

- Ans
- 1. ourselves
  - 2. himself
  - 3. mine
  - 4. ours

Question ID : 6549789056

Status : Answered

Chosen Option : 1

**Comprehension:**

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

A year is hardly sufficient time for a Master to (1) \_\_\_\_\_ about a new school, leave alone absorb a distinct tradition like (2) \_\_\_\_\_. Most of the new appointees had not served in a residential school and (3) \_\_\_\_\_ time to learn. But the short tenure did not allow (4) \_\_\_\_\_. They could not develop understanding of the student and his (5) \_\_\_\_\_.

**SubQuestion No : 23**

**Q.23** Select the most appropriate option for blank No. 3.

- Ans
- 1. needing
  - 2. need
  - 3. needed
  - 4. needs

Question ID : 6549789057

Status : Answered

Chosen Option : 2

**Comprehension:**

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

A year is hardly sufficient time for a Master to (1) \_\_\_\_\_ about a new school, leave alone absorb a distinct tradition like (2) \_\_\_\_\_. Most of the new appointees had not served in a residential school and (3) \_\_\_\_\_ time to learn. But the short tenure did not allow (4) \_\_\_\_\_. They could not develop understanding of the student and his (5) \_\_\_\_\_.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option for blank No. 4.**

- Ans
- 1. them
  - 2. those
  - 3. these
  - 4. that

Question ID : **6549789058**  
Status : **Answered**  
Chosen Option : **1**

**Comprehension:**

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

A year is hardly sufficient time for a Master to (1) \_\_\_\_\_ about a new school, leave alone absorb a distinct tradition like (2) \_\_\_\_\_. Most of the new appointees had not served in a residential school and (3) \_\_\_\_\_ time to learn. But the short tenure did not allow (4) \_\_\_\_\_. They could not develop understanding of the student and his (5) \_\_\_\_\_.

**SubQuestion No : 25**

**Q.25 Select the most appropriate option for blank No. 5.**

- Ans
- 1. environmentalist
  - 2. environmental
  - 3. environment
  - 4. environmentally

Question ID : **6549789059**  
Status : **Answered**  
Chosen Option : **3**



**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:**

All computers are machines.  
No television is a computer.  
All televisions are instruments.

**Conclusions:**

I. Some instruments are machines.  
II. Some machines are computers.  
III. Some televisions are machines.

- Ans**  1. Only conclusion II follows.  
 2. Only conclusion I follows.  
 3. Only conclusions II and III follow.  
 4. None of the conclusions follow.

Question ID : 6549789093  
Status : Answered  
Chosen Option : 1

**Q.2** Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

a \_bcde\_ \_abbcd\_ \_aabb\_ \_ee

- Ans**  1. aeaebecd  
 2. aeecdbea  
 3. abeaeeed  
 4. abcdeade

Question ID : 6549788785  
Status : Answered  
Chosen Option : 3

**Q.3** Select the option in which the words share the same relationship as that shared by the given pair of words.

**Ammeter : Electric current**

- Ans**  1. Density : Lactometer  
 2. Pressure : Barometer  
 3. Hygrometer : Humidity  
 4. Polarimeter : Steps

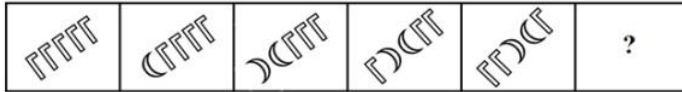
Question ID : 6549789595  
Status : Answered  
Chosen Option : 3

Q.4 'Straw' is related to 'Nest' in the same way as 'Cotton' is related to '\_\_\_\_\_'.  
Ans

- 1. Textile industry
- 2. Thread
- 3. Sewing
- 4. Wool

Question ID : 6549789087  
Status : Answered  
Chosen Option : 3

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 : 6549789600  
Status : Answered  
Chosen Option : 3

Q.6 The sales boy of a washing machine store charges his customers 24% more than the cost price. If a customer paid ₹6,200 for a washing machine, then what was the cost price of the washing machine?

- Ans
- 1. ₹5,500
  - 2. ₹5,000
  - 3. ₹6,200
  - 4. ₹7,200

Question ID : 6549789581  
Status : Answered  
Chosen Option : 2

**Q.7** Study the given pattern carefully and select the number that can replace the question mark (?) in it.

28 16 27  
44 16 15  
84 ? 24

- Ans  1. 27  
 2. 30  
 3. 28  
 4. 29

Question ID : 6549789585  
Status : Not Answered  
Chosen Option : --

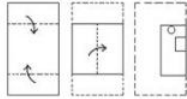
**Q.8** Select the option that is related to the third number in the same way as the second number is related to the first number.

12 : 150 :: 14 : ?

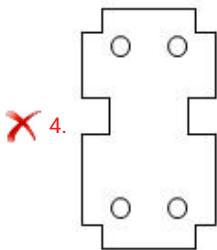
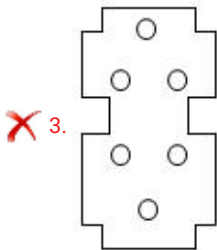
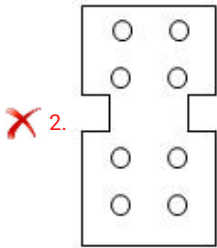
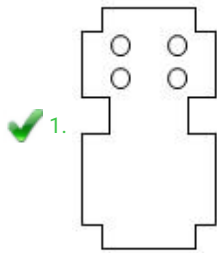
- Ans  1. 203  
 2. 502  
 3. 302  
 4. 205

Question ID : 6549789583  
Status : Answered  
Chosen Option : 1

**Q.9** 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 : 6549789098

Status : Answered

Chosen Option : 1

**Q.10** Select the number from among the given options that can replace the question mark (?) in the following series.

3, 5, 15, 41, ?, 173

Ans ✓ 1. 91

✗ 2. 112

✗ 3. 78

✗ 4. 106

Question ID : 6549789081

Status : Answered

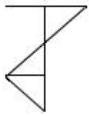
Chosen Option : 1

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. NRJQ  
 2. DHSZ  
 3. TXCJ  
 4. GKPW

Question ID : 6549789596  
Status : Not Answered  
Chosen Option : --

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

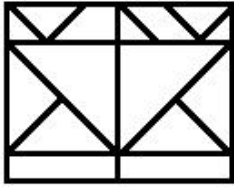


Ans

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

Question ID : 6549789097  
Status : Answered  
Chosen Option : 1

Q.13 Find the number of triangles in the given figure.



- Ans
- 1. 15
  - 2. 11
  - 3. 14
  - 4. 13

Question ID : 6549789601  
Status : Answered  
Chosen Option : 3

Q.14 In a certain code language, FORWARD is written as CSZXQPE. How will NUMERAL be written in that language?

- Ans
- 1. MZSDNTO
  - 2. KZQDLTL
  - 3. KBQFLVM
  - 4. MUNELAR

Question ID : 6549789084  
Status : Answered  
Chosen Option : 3

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

$$12 - 8 + 4 \div 2 \times 8 = 4$$

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

Question ID : 6549789077  
Status : Answered  
Chosen Option : 2

Q.16 In a certain code language, HAMPER is coded as 17212322036 and INSULT is coded as 16286421340. How will SAFETY be coded in that language?

- Ans
- 1. 621910550
  - 2. 612195030
  - 3. 629101350
  - 4. 610195320

Question ID : 6549789590  
Status : Not Answered  
Chosen Option : --

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

BYDW : UFSH :: CXFU : ?

- Ans
- 1. TGQJ
  - 2. SHQJ
  - 3. RIPK
  - 4. RIOL

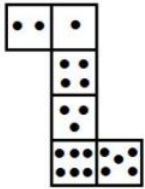
Question ID : 6549789086  
Status : Answered  
Chosen Option : 1

Q.18 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. Integrity
  - 2. Joviality
  - 3. Honesty
  - 4. Truthfulness

Question ID : 6549789092  
Status : Answered  
Chosen Option : 4

Q.19 A cube is made by folding the given sheet. In the cube so formed, how many dots lie opposite to the face having 4 dots?



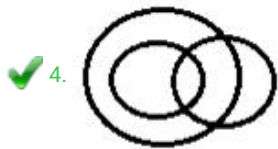
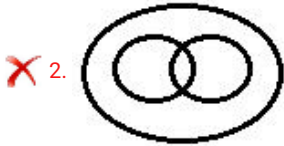
- Ans
- 1. 2
  - 2. 5
  - 3. 6
  - 4. 1

Question ID : 6549789599  
Status : Answered  
Chosen Option : 3

Q.20 Select the Venn diagram that best represents the relationship between the following classes.

Women, Professors, Widows

Ans



Question ID : 6549789605

Status : Answered

Chosen Option : 4

Q.21 Snigda said that she met her mother's only brother's son's mother's father-in-law. Whom did she meet?

Ans

1. Father

2. Uncle

3. Grandfather

4. Brother

Question ID : 6549788281

Status : Answered

Chosen Option : 3

Q.22 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. 6341

2. 6138

3. 5423

4. 1652

Question ID : 6549789587

Status : Answered

Chosen Option : 2



Q.23 Select the option in which the numbers are related in the same way as are the numbers of the following set.

{9, 12, 18}

- Ans
- 1. {7, 13, 27}
  - 2. {21, 29, 44}
  - 3. {5, 12, 24}
  - 4. {13, 19, 31}

Question ID : 6549789079

Status : Answered

Chosen Option : 4

Q.24 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Multifocal
2. Movement
3. Multinomial
4. Moviemaker
5. Mutual fund

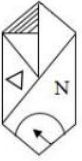
- Ans
- 1. 4, 2, 3, 1, 5
  - 2. 1, 5, 2, 3, 4
  - 3. 4, 2, 1, 3, 5
  - 4. 2, 4, 1, 3, 5

Question ID : 6549789588

Status : Answered

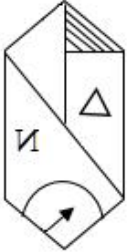
Chosen Option : 4

**Q.25** Select the correct mirror image of the given figure when the mirror is placed at the right side of the figure.

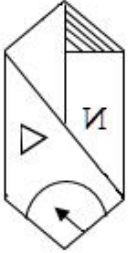


**Ans**

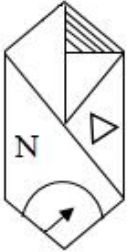
**X** 1.



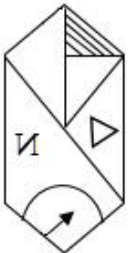
**X** 2.



**X** 3.



**✓** 4.



Question ID : 6549789099  
Status : Answered  
Chosen Option : 4

Q.1 A solid metallic hemisphere of radius 6.3 cm is melted and recast into a right circular cylinder of radius 9 cm. What is the height (in cm, correct to one decimal place) of the cylinder?

- Ans
- 1. 1.9
  - 2. 2.7
  - 3. 2.5
  - 4. 2.1

Question ID : 6549789103  
Status : Answered  
Chosen Option : 4

Q.2 If  $\cos \theta = \frac{4x}{1+4x^2}$ , then what is the value of  $\sin \theta$  ?

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

Question ID : 6549789625  
Status : Answered  
Chosen Option : 3

Q.3 In a triangle ABC,  $\angle BAC = 90^\circ$  and AD is perpendicular to BC. If AD = 8.4 cm and BD = 4.8 cm, then the length of BC is:

- Ans
- 1. 19.5 cm
  - 2. 15 cm
  - 3. 18 cm
  - 4. 18.5 cm

Question ID : 6549789113  
Status : Answered  
Chosen Option : 1

**Q.4** Tap P can fill a cistern in 6 hours and tap Q can empty the full cistern in 10 hours. If both taps P and Q are kept open simultaneously, then in how many hours will the empty cistern be completely full?

- Ans**
- 1. 15
  - 2. 18
  - 3. 16
  - 4. 12

Question ID : 6549789101  
Status : Answered  
Chosen Option : 1

**Q.5** One dozen notebooks quoted at ₹125 are available at 20% discount. How many notebooks can be bought for ₹75?

- Ans**
- 1. 10
  - 2. 6
  - 3. 9
  - 4. 8

Question ID : 6549789105  
Status : Answered  
Chosen Option : 3

**Q.6** A man invests ₹7,000 at 8% per annum simple interest for 2 years and ₹10,000 at compound interest at the same rate for the same period, compounded annually. What will be the total interest and the total amount (in ₹) respectively, on maturity?

- Ans**
- 1. 19,748 and 2,874
  - 2. 2,748 and 19,784
  - 3. 19,784 and 2,784
  - 4. 2,784 and 19,784

Question ID : 6549789614  
Status : Answered  
Chosen Option : 4

**Q.7** If  $(\sin A - \cos A) = 0$ , then what is the value of  $\cot A$ ?

- Ans**
- 1.  $\frac{\pi}{6}$
  - 2. 0
  - 3. 1
  - 4.  $\frac{\pi}{4}$

Question ID : 6549789119  
Status : Answered  
Chosen Option : 3

**Q.8** A boat can travel with a speed of 19 km/h in still water. If the speed of the stream is 3 km/h, then what will be the total time (in hours) taken by the boat to go 88 km downstream and 24 km upstream?

- Ans**
- 1. 4.5
  - 2. 5
  - 3. 4
  - 4. 5.5

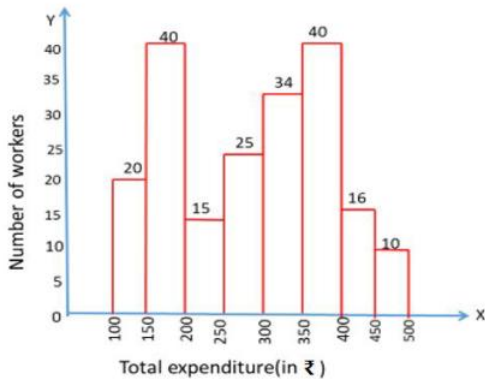
Question ID : 6549789607  
Status : Answered  
Chosen Option : 4

**Q.9** A is 150% of B and B is 40% of C. If  $A + B + C = 20$ , then the value of  $2B + 3C - 4A$  is equal to:

- Ans**
- 1. 16
  - 2. 14
  - 3. 20
  - 4. 15

Question ID : 6549789611  
Status : Answered  
Chosen Option : 2

**Q.10** The following histogram represents the distribution of household expenditure (in ₹) of 200 manual workers in a city.



The ratio of the number of workers whose household expenditure is less than ₹200 to the number of workers whose household expenditure is ₹300 and above is:

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

Question ID : 6549789122  
Status : Answered  
Chosen Option : 1

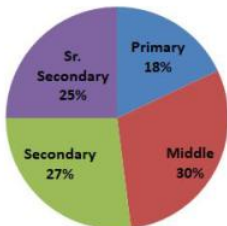
Q.11 Using algebraic identities, simplify the following expression.

$$\frac{(x^4 + x^2 + 1)}{(x^2 + x + 1)}$$

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

Question ID : 6549789116  
Status : Answered  
Chosen Option : 4

Q.12 Students of Primary, Middle, Secondary and Sr. Secondary classes collected donation for a Relief Fund as shown in the pie chart. If the donation collected from Middle classes was ₹6,750, then how much money was collected by the Primary classes?



- Ans
- 1. ₹4,050
  - 2. ₹4,005
  - 3. ₹4,500
  - 4. ₹3,960

Question ID : 6549789427  
Status : Answered  
Chosen Option : 1

Q.13 One-quarter of a circular pizza of diameter 28 cm was removed from the whole pizza. What is the perimeter (in cm) of the remaining pizza? (Take  $\pi = \frac{22}{7}$ .)

- Ans
- 1. 88
  - 2. 94
  - 3. 80
  - 4. 66

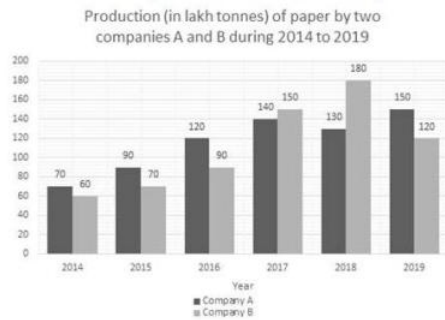
Question ID : 6549789111  
Status : Answered  
Chosen Option : 4

**Q.14** The inner and outer radii of two concentric circles are 6.7 cm and 9.5 cm, respectively. What is the difference between their circumferences (in cm)? Take  $\pi = \frac{22}{7}$ .

- Ans**
- 1. 20.5
  - 2. 10.4
  - 3. 6.5
  - 4. 17.6

Question ID : 6549789615  
Status : Answered  
Chosen Option : 4

**Q.15** Study the given graph and answer the question that follows.



The average production of paper by company B in 2014, 2017 and 2018 was  $13\frac{1}{3}\%$  less than the production of paper by company A in the year:

- Ans**
- 1. 2016
  - 2. 2018
  - 3. 2017
  - 4. 2019

Question ID : 6549787911  
Status : Answered  
Chosen Option : 4

**Q.16** What is the perimeter (in cm) of an equilateral triangle whose height is 3.46 cm? Take  $\sqrt{3} = 1.73$ .

- Ans**
- 1. 10.4
  - 2. 9
  - 3. 6
  - 4. 12

Question ID : 6549789617  
Status : Answered  
Chosen Option : 3

Q.17 The value of  $[(232 \div 29 \text{ of } 2) + 77 \times 10] \div 18] - \frac{18 \times 8 + 4 \text{ of } 3 - 4}{2 \times (8 - 6) + 1 - 2 \times 3 \div 4 \text{ of } \frac{1}{2}}$  is:

- Ans  1. 39  
 2. 44  
 3. 33  
 4. 47

Question ID : 6549789118  
Status : Answered  
Chosen Option : 1

Q.18 The string of a kite is 158 m long and it makes an angle of  $30^\circ$  with the horizontal. What is the height (in m) of the kite?  
Assume there is no slack in the string.

- Ans  1. 100  
 2. 99  
 3. 79  
 4. 80

Question ID : 6549789121  
Status : Answered  
Chosen Option : 3

Q.19 If  $(x + \frac{1}{x})^3 = 27$ , then what is the value of  $(x^2 + \frac{1}{x^2})$ ? Given that  $x$  is real.

- Ans  1. 11  
 2. 25  
 3. 7  
 4. 9

Question ID : 6549789619  
Status : Answered  
Chosen Option : 3

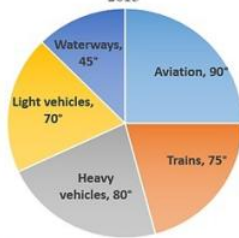


**Q.20** Study the given pie-chart and answer the question that follows.

The pie-chart represents the consumption of fuel (in million litres) by various modes of transport of a country X in the year 2015. The total consumption of fuel by various modes of transport of the country is 800 million litres.

(The data shown here is only for mathematical exercise. They do not represent the actual figures of the country.)

Consumption of fuel (in million litres) by various modes of transport of a country X in the year 2015



To obtain fuel, energy is required to run the machinery, which is to be produced by burning coal.

If 1 tonne of coal is burnt to produce 0.4 million litres of oil, then approximately what is the requirement of coal (in tonnes) for the Trains sector?

- Ans
- 1. 417
  - 2. 415
  - 3. 418
  - 4. 420

Question ID : 6549789630

Status : Answered

Chosen Option : 1

**Q.21** One-fifth of a journey is covered at a speed of 30 km/h, one-fourth of the journey at a speed of 25 km/h and the rest at 60 km/h. What is the average speed (in km/h, correct to one decimal place) for the whole journey?

- Ans
- 1. 38.7
  - 2. 30.6
  - 3. 40.5
  - 4. 25.4

Question ID : 6549789609

Status : Answered

Chosen Option : 1

**Q.22** If  $a + b = p$ ,  $ab = q$ , then  $(a^4 + b^4)$  is equal to:

- Ans
- 1.  $p^4 - 2p^2q^2 + q^2$
  - 2.  $p^4 - 4p^2q^2 + 2q^2$
  - 3.  $p^4 - 4p^2q + q^2$
  - 4.  $p^4 - 4p^2q + 2q^2$

Question ID : 6549789115

Status : Answered

Chosen Option : 4

Q.23 What is the greatest five-digit number that is completely divisible by 8, 15, 16, 21 and 5?

- Ans
- 1. 92680
  - 2. 99120
  - 3. 95760
  - 4. 98320

Question ID : 6549789622  
Status : Answered  
Chosen Option : 2

Q.24 By selling an article for ₹1,170, Elisa suffers as much loss as she would have gained by selling it at a profit of 22%. If she sells it for ₹1,450, then her profit/loss per cent (correct up to one decimal place) is:

- Ans
- 1. Profit, 3.3
  - 2. Loss, 3.3
  - 3. Loss, 26.2
  - 4. Profit, 26.2

Question ID : 6549789107  
Status : Answered  
Chosen Option : 2

Q.25 If  $A : B = 11 : 7$  and  $B : C = 5 : 19$ , then what is  $A : B : C$ ?

- Ans
- 1. 55 : 35 : 133
  - 2. 35 : 55 : 133
  - 3. 35 : 133 : 55
  - 4. 55 : 133 : 35

Question ID : 6549789613  
Status : Answered  
Chosen Option : 1

Section : General Awareness

Q.1 Who among the following is the first Indian pistol shooter to reach number one in world rankings by the International Shooting Sport Federation?

- Ans
- 1. Heena Sidhu
  - 2. Kajal Saini
  - 3. Tejaswini Sawant
  - 4. Suma Shirur

Question ID : 6549789149  
Status : Not Answered  
Chosen Option : --

Q.2 Who among the following has become the first woman umpire to officiate in a men's Test match in January 2021?

- Ans
- 1. Danielle Wyatt
  - 2. Jess Jonassen
  - 3. Suzie Bates
  - 4. Claire Polosak

Question ID : 6549789655  
Status : Not Answered  
Chosen Option : --

Q.3 Which part of soil has organic materials incorporated with the mineral matter, nutrients and water?

- Ans
- 1. Horizon D
  - 2. Horizon C
  - 3. Horizon A
  - 4. Horizon B

Question ID : 6549789138  
Status : Not Answered  
Chosen Option : --

Q.4 In which of the following states is Sabarimala Sree Dharma Sastha Temple located?

- Ans
- 1. Karnataka
  - 2. Telangana
  - 3. Andhra Pradesh
  - 4. Kerala

Question ID : 6549789633  
Status : Not Answered  
Chosen Option : --

Q.5 Identify the Indian state which was known as 'Pragjyotisha' during the epic period.

- Ans
- 1. Assam
  - 2. Odisha
  - 3. Kerala
  - 4. Bihar

Question ID : 6549789142  
Status : Not Answered  
Chosen Option : --

Q.6 What is the SI unit for measuring pressure?

- Ans  1. Pascal  
 2. Candela  
 3. Ampere  
 4. Kelvin

Question ID : 6549789135  
Status : Answered  
Chosen Option : 1

Q.7 Who among the following was appointed by AIFF (All India Football Federation) as its first Deputy General Secretary in January 2021?

- Ans  1. Abhishek Yadav  
 2. Praful Patel  
 3. Umesh Sinha  
 4. Kushal Das

Question ID : 6549789653  
Status : Not Answered  
Chosen Option : --

Q.8 Kabartal Wetland was designated as a Ramsar site in 2020. In which of the following states is it located?

- Ans  1. Haryana  
 2. Bihar  
 3. Himachal Pradesh  
 4. Punjab

Question ID : 6549789645  
Status : Not Answered  
Chosen Option : --

Q.9 \_\_\_\_\_ are gently sloping areas of the ocean basins.

- Ans  1. Deep sea plains  
 2. Continental shelves  
 3. Continental slopes  
 4. Oceanic deeps

Question ID : 6549789139  
Status : Not Answered  
Chosen Option : --

Q.10 Who among the following was appointed as the Chief Justice of the Andhra Pradesh High Court in January 2021?

- Ans
- 1. Sharad Arvind Bobde
  - 2. Hima Kohli
  - 3. Rajan Datta
  - 4. Arup Kumar Goswami

Question ID : 6549789636  
Status : Answered  
Chosen Option : 4

Q.11 Who among the following Indian nationals got the 'Legion of Merit' Award 2020 from the US?

- Ans
- 1. Dr Manmohan Singh
  - 2. Narendra Modi
  - 3. Dr K Sivan
  - 4. General Bipin Rawat

Question ID : 6549789144  
Status : Answered  
Chosen Option : 2

Q.12 Who among the following became the first Lokpal of India?

- Ans
- 1. Dilip B Bhosale
  - 2. Pradip Kumar Mohanty
  - 3. Pinaki Chandra Ghose
  - 4. Ajay Kumar Tripathi

Question ID : 6549789147  
Status : Not Answered  
Chosen Option : --

Q.13 In which of the following states did the Land Grabbing (Prohibition) Act, 2020 come into force in December 2020?

- Ans
- 1. Punjab
  - 2. Maharashtra
  - 3. Gujarat
  - 4. Madhya Pradesh

Question ID : 6549789132  
Status : Not Answered  
Chosen Option : --

Q.14 What happens to Indian exports when Indian rupee is devalued?

- Ans
- 1. Export prices fluctuate
  - 2. Exports become cheaper
  - 3. Export prices remain stable
  - 4. Exports become dearer

Question ID : 6549789134  
Status : Not Answered  
Chosen Option : --

Q.15 \_\_\_\_\_ is the process of turning on a computer and powering up the system.

- Ans
- 1. Booting
  - 2. Loading
  - 3. Saving
  - 4. Execution

Question ID : 6549789631  
Status : Answered  
Chosen Option : 1

Q.16 What do you call a key on a computer keyboard that is used to move the pointer (cursor) around on the screen?

- Ans
- 1. Navigation key
  - 2. Numeric key
  - 3. Function key
  - 4. Control key

Question ID : 6549789127  
Status : Answered  
Chosen Option : 1

Q.17 Vitamin B12 is generally NOT present in \_\_\_\_\_.

- Ans
- 1. milk products
  - 2. plant foods
  - 3. fish products
  - 4. poultry products

Question ID : 6549789137  
Status : Not Answered  
Chosen Option : --

Q.18 Who among the following is considered as the 'Father of Modern Atomic Theory'?

- Ans
- 1. Robert Boyle
  - 2. John Dalton
  - 3. Willard Gibbs
  - 4. Otto Hahn

Question ID : 6549789641  
Status : Not Answered  
Chosen Option : --

Q.19 \_\_\_\_ plains are formed due to the weathering of soluble rocks such as limestone and dolomite.

- Ans
- 1. Glacial
  - 2. Karst
  - 3. Deposition
  - 4. Desert

Question ID : 6549789646  
Status : Not Answered  
Chosen Option : --

Q.20 Which of the following state governments unveiled a Braille version of the Constitution of India in January 2021?

- Ans
- 1. Haryana
  - 2. Andhra Pradesh
  - 3. Punjab
  - 4. Maharashtra

Question ID : 6549789635  
Status : Not Answered  
Chosen Option : --

Q.21 In which of the following cities is the corporate centre of State Bank of India (SBI) situated?

- Ans
- 1. Hyderabad
  - 2. Kolkata
  - 3. Mumbai
  - 4. Bengaluru

Question ID : 6549789638  
Status : Not Answered  
Chosen Option : --

Q.22 In which of the following years was the Vijayanagar empire founded?

- Ans
- 1. 1456
  - 2. 1229
  - 3. 1412
  - 4. 1336

Question ID : 6549789648  
Status : Not Answered  
Chosen Option : --

Q.23 In which of the following years did Telangana become the 29th state of India after the reorganisation of the state of Andhra Pradesh?

- Ans
- 1. 2014
  - 2. 1994
  - 3. 2010
  - 4. 1998

Question ID : 6549789651  
Status : Answered  
Chosen Option : 1

Q.24 'Kati Bihu' in Assam is celebrated by lighting a lamp in front of a \_\_\_\_\_ tree / plant.

- Ans
- 1. banyan
  - 2. tulsi
  - 3. banana
  - 4. neem

Question ID : 6549789129  
Status : Not Answered  
Chosen Option : --

Q.25 Who among the following was awarded the Rabindranath Tagore Literary Award 2020?

- Ans
- 1. Ashraf Patel
  - 2. Ranjitsinh Disale
  - 3. Vidyut Mohan
  - 4. Raj Kamal Jha

Question ID : 6549789650  
Status : Not Answered  
Chosen Option : --



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

Roll Number	
Candidate Name	
Venue Name	
Exam Date	04/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section : English Language

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

**To go red in the face**

- Ans
- 1. To shout at someone for doing something wrong
  - 2. To feel embarrassed
  - 3. To feel very happy and proud
  - 4. To feel extremely irritated

Question ID : 6549787350  
Status : Answered  
Chosen Option : 4

**Q.2 Select the most appropriate meaning of the underlined idiom in the given sentence.**

His jokes fell flat on the audience.

- Ans
- 1. deeply touched
  - 2. failed to have an effect
  - 3. irritated
  - 4. provoked laughter

Question ID : 6549788056  
Status : Answered  
Chosen Option : 2

**Q.3 Select the correct indirect form of the given sentence.**

She said to her friend, "Will you take my dog for a walk?"

- Ans
- 1. She asked her friend that if she will take her dog for a walk.
  - 2. She asked her friend will she take her dog for a walk.
  - 3. She asked her friend if she would take her dog for a walk.
  - 4. She asked to her friend if she would take my dog for a walk.

Question ID : 6549788041  
Status : Answered  
Chosen Option : 3

Q.4 Fill in the blank with most appropriate word.

This train is \_\_\_\_\_ for Bihar.

- Ans  1. bound  
 2. going  
 3. running  
 4. intending

Question ID : 6549788064  
Status : Answered  
Chosen Option : 3

Q.5 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'.

We were quite impressed with the enthusiasm that she work for.

- Ans  1. that she is working on  
 2. that she worked with  
 3. which she works for  
 4. No substitution

Question ID : 6549788053  
Status : Answered  
Chosen Option : 2

Q.6 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. On the other, there is the principle of leadership.  
B. Democracy rests on a tension between two different principles.  
C. While the first gives priority to rules, the second gives importance to persons.  
D. On the one hand, there is the principle of equality before the law, or more generally, equality.

- Ans  1. BDAC  
 2. CDAB  
 3. DACB  
 4. ADBC

Question ID : 6549787344  
Status : Answered  
Chosen Option : 1

Q.7 Select the most appropriate one-word substitution for the given words.

a person who formally requests something, especially a job

- Ans  1. applicant  
 2. trainee  
 3. contestant  
 4. nominee

Question ID : 6549788061  
Status : Answered  
Chosen Option : 1

**Q.8** Select the option that can be used as a one-word substitute for the given group of words.

Continuing for a long time

- Ans
- 1. Profound
  - 2. Project (v)
  - 3. Prolonged
  - 4. Infinite

Question ID : 6549787353  
Status : Answered  
Chosen Option : 3

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

All our / furnitures were / spoiled in the recent / rains and floods.

- Ans
- 1. furnitures were
  - 2. rains and floods
  - 3. spoiled in the recent
  - 4. All our

Question ID : 6549787336  
Status : Answered  
Chosen Option : 1

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

WISDOM

- Ans
- 1. stupidity
  - 2. youth
  - 3. stability
  - 4. maturity

Question ID : 6549788054  
Status : Answered  
Chosen Option : 1

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

COMPLY

- Ans
- 1. obey
  - 2. adore
  - 3. decline
  - 4. deny

Question ID : 6549788062  
Status : Answered  
Chosen Option : 1

Q.12 Select the INCORRECTLY spelt word.

- Ans
- 1. Feature
  - 2. Torches
  - 3. Sacrifice
  - 4. Highlite

Question ID : 6549787351  
Status : Answered  
Chosen Option : 4

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

I practised for the debate; that's why I am late.

- Ans
- 1. No substitution required
  - 2. am practising for
  - 3. was practising for
  - 4. have practised for

Question ID : 6549787345  
Status : Answered  
Chosen Option : 3

Q.14 Select the most appropriate synonym of the given word.

Dearth

- Ans
- 1. Death
  - 2. Weakness
  - 3. Leakage
  - 4. Shortage

Question ID : 6549787356  
Status : Answered  
Chosen Option : 4

Q.15 Select the most appropriate ANTONYM of the given word.

Weird

- Ans
- 1. Apparent
  - 2. Normal
  - 3. Abnormal
  - 4. Wide

Question ID : 6549787348  
Status : Answered  
Chosen Option : 2

Q.16 Select the most appropriate word to fill in the blank.

If the test booklet seal is broken or \_\_\_\_\_ with, bring it immediately to the notice of the invigilator.

- Ans
- 1. adjusted
  - 2. opened
  - 3. tampered
  - 4. closed

Question ID : 6549787358

Status : Answered

Chosen Option : 3

Q.17 In the given sentence, identify the segment which contains a grammatical error.

As soon as the bus driver was seeing the child crossing the road, he applied the brakes.

- Ans
- 1. As soon as the bus driver
  - 2. was seeing the child
  - 3. crossing the road
  - 4. he applied the brakes

Question ID : 6549788042

Status : Answered

Chosen Option : 2

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

- A. On coming out, his skin would be shining like ebony and he would squeal with pleasure.
- B. First, he would lie down on the sand bank while I rubbed him clean with the sand of the river.
- C. Every day, I used to take the baby elephant to the river for his bath.
- D. After that, he would lie in the water for a long time.

- Ans
- 1. ADCB
  - 2. DABC
  - 3. BADC
  - 4. CBDA

Question ID : 6549788050

Status : Answered

Chosen Option : 4

Q.19 Select the option that expresses the given sentence in the active or passive voice.

Designer clothes were sold to the masses by Pierre Cardin.

- Ans
- 1. The masses were sold by Pierre Cardin to the designer clothes.
  - 2. Designer clothes have been sold by Pierre Cardin to the masses.
  - 3. Pierre Cardin sold designer clothes to the masses.
  - 4. Pierre Cardin had sold designer clothes to the masses.

Question ID : 6549787333

Status : Answered

Chosen Option : 3

**Q.20 Select the misspelt word.**

- Ans  1. accomodate  
 2. annihilate  
 3. appropriate  
 4. accelerate

Question ID : 6549788059  
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.

'SkillSet' was founded in 2014 to collect and co-ordinate (1) \_\_\_\_\_ about educational access and quality for students with special needs and disabilities. The organisation (2) \_\_\_\_\_ thousands of enquiries every year and offers (3) \_\_\_\_\_ to students on how to apply to colleges and universities across the country and how to find out about special (4) \_\_\_\_\_ and scholarships. We ensure easy access to higher education for all students, (5) \_\_\_\_\_ those with disabilities. Your donations and suggestions will help us to improve our service to customers and you will also be helping us to continue our valuable work.

**SubQuestion No : 21**

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

- Ans  1. funding  
 2. admissions  
 3. information  
 4. officials

Question ID : 6549787338  
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.

'SkillSet' was founded in 2014 to collect and co-ordinate (1) \_\_\_\_\_ about educational access and quality for students with special needs and disabilities. The organisation (2) \_\_\_\_\_ thousands of enquiries every year and offers (3) \_\_\_\_\_ to students on how to apply to colleges and universities across the country and how to find out about special (4) \_\_\_\_\_ and scholarships. We ensure easy access to higher education for all students, (5) \_\_\_\_\_ those with disabilities. Your donations and suggestions will help us to improve our service to customers and you will also be helping us to continue our valuable work.

**SubQuestion No : 22**

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

- Ans  1. passes  
 2. receives  
 3. transmits  
 4. sends

Question ID : 6549787339  
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.

'SkillSet' was founded in 2014 to collect and co-ordinate (1) \_\_\_\_\_ about educational access and quality for students with special needs and disabilities. The organisation (2) \_\_\_\_\_ thousands of enquiries every year and offers (3) \_\_\_\_\_ to students on how to apply to colleges and universities across the country and how to find out about special (4) \_\_\_\_\_ and scholarships. We ensure easy access to higher education for all students, (5) \_\_\_\_\_ those with disabilities. Your donations and suggestions will help us to improve our service to customers and you will also be helping us to continue our valuable work.

**SubQuestion No : 23**

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

- Ans
- 1. comments
  - 2. conditions
  - 3. advice
  - 4. instructions

Question ID : **6549787340**

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.

'SkillSet' was founded in 2014 to collect and co-ordinate (1) \_\_\_\_\_ about educational access and quality for students with special needs and disabilities. The organisation (2) \_\_\_\_\_ thousands of enquiries every year and offers (3) \_\_\_\_\_ to students on how to apply to colleges and universities across the country and how to find out about special (4) \_\_\_\_\_ and scholarships. We ensure easy access to higher education for all students, (5) \_\_\_\_\_ those with disabilities. Your donations and suggestions will help us to improve our service to customers and you will also be helping us to continue our valuable work.

**SubQuestion No : 24**

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

- Ans
- 1. systems
  - 2. facilities
  - 3. effects
  - 4. purposes

Question ID : **6549787341**

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.

'SkillSet' was founded in 2014 to collect and co-ordinate (1) \_\_\_\_\_ about educational access and quality for students with special needs and disabilities. The organisation (2) \_\_\_\_\_ thousands of enquiries every year and offers (3) \_\_\_\_\_ to students on how to apply to colleges and universities across the country and how to find out about special (4) \_\_\_\_\_ and scholarships. We ensure easy access to higher education for all students, (5) \_\_\_\_\_ those with disabilities. Your donations and suggestions will help us to improve our service to customers and you will also be helping us to continue our valuable work.

**SubQuestion No : 25**

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

- Ans
- 1. excluding
  - 2. especially
  - 3. additionally
  - 4. except

Question ID : 6549787342  
Status : Answered  
Chosen Option : 2

Section : General Intelligence

**Q.1 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.**

Language : Telugu

- Ans
- 1. Hindi : India
  - 2. Vehicle : Mechanic
  - 3. Continent : Asia
  - 4. Society : Service

Question ID : 6549788080  
Status : Answered  
Chosen Option : 3

**Q.2 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.**

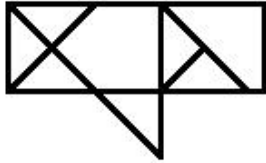
Z H \_ O R C \_ \_ K \_ R \_ Z H \_ O \_ C

- Ans
- 1. Z, H, K, O, C, K, R
  - 2. K, Z, H, K, R, K, R
  - 3. K, Z, H, O, C, K, R
  - 4. K, Z, O, R, C, K, R

Question ID : 6549787270  
Status : Answered  
Chosen Option : 3



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



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

Question ID : 6549788086  
Status : Answered  
Chosen Option : 4

Q.4 In a code language, if RAFT is written as 180 and DON is written as 99, then how will SHOWER be written in the same language?

- Ans
- 1. 448
  - 2. 225
  - 3. 165
  - 4. 528

Question ID : 6549788075  
Status : Answered  
Chosen Option : 4

Q.5 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:

- All trucks are cars.
- No wheel is a car.
- No car is a bus.

Conclusions:

- I. No bus is a truck.
- II. No wheel is a bus.
- III. Some cars are trucks.

- Ans
- 1. All the conclusions follow.
  - 2. Both conclusions I and II follow.
  - 3. Both conclusions II and III follow.
  - 4. Both conclusions I and III follow.

Question ID : 6549787376  
Status : Answered  
Chosen Option : 4

Q.6 Barun is the son of Chetan. Advita and Chetan are a married couple. Prakul is the brother of Chetan. Diya is the daughter of Advita. Suman is the brother of Barun. How is Diya related to Barun?

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

Question ID : 6549786564  
Status : Answered  
Chosen Option : 3

Q.7 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

3 : 65 :: 5 : ? :: 4 : 126

- Ans
- 1. 217
  - 2. 166
  - 3. 344
  - 4. 216

Question ID : 6549788068  
Status : Answered  
Chosen Option : 1

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



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

Question ID : 6549787380  
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.

(42, 14, 294)

- Ans  1. (30, 16, 242)  
 2. (34, 18, 306)  
 3. (21, 15, 205)  
 4. (36, 21, 360)

Question ID : 6549787362  
Status : Answered  
Chosen Option : 2

**Q.10** In a certain code language, BACK is written as YEXP and MIXTURE is written as NOCGAIL. How will FROGS be written in that language?

- Ans  1. VIVTH  
 2. UILTG  
 3. UULTG  
 4. UIUTH

Question ID : 6549787367  
Status : Answered  
Chosen Option : 4

**Q.11** Three of the following four letter-clusters are alike in a certain way and one is different. Select the odd one.

- Ans  1. KPUZ  
 2. TYDI  
 3. LQVA  
 4. BGLP

Question ID : 6549788081  
Status : Answered  
Chosen Option : 4

**Q.12** Select the number from among the given options that can replace the question mark (?) in the following series.

14, 16, 34, 104, 418, ?

- Ans  1. 2158  
 2. 1894  
 3. 1560  
 4. 2092

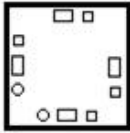
Question ID : 6549787364  
Status : Answered  
Chosen Option : 4

**Q.13** 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?

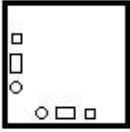


Ans

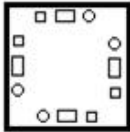
1.



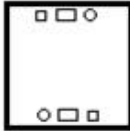
2.



3.



4.



Question ID : 6549787381

Status : Answered

Chosen Option : 3

**Q.14** Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Presume
2. Prepare
3. Priority
4. Prince
5. Prick

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

2. 1, 2, 5, 4, 3

3. 2, 1, 5, 4, 3

4. 2, 1, 4, 5, 3

Question ID : 6549788073

Status : Answered

Chosen Option : 3

**Q.15** What was the day of the week on 22 February 2012?

Ans  1. Friday

2. Wednesday

3. Tuesday

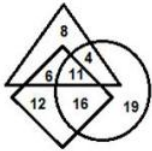
4. Thursday

Question ID : 6549788066

Status : Not Answered

Chosen Option : --

Q.16 In the Venn Diagram given below, if 'Rhombus' represents 'Psychologists', 'Triangle' represents 'Corporate Employees' and 'Circle' represents 'Fathers', then how many Psychologists are Corporate Employees but NOT Fathers?



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

Question ID : 6549788090  
 Status : Answered  
 Chosen Option : 1

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

Africa : Algeria :: South America : ?

- Ans
- 1. Canada
  - 2. Argentina
  - 3. Mexico
  - 4. Germany

Question ID : 6549787370  
 Status : Answered  
 Chosen Option : 2

Q.18 Which two signs should be interchanged to make the given equation correct?

$$21 + 5 - 45 \times 9 \div 3 = 11$$

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

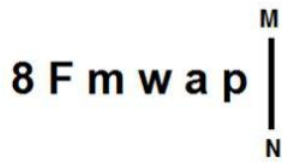
Question ID : 6549787360  
 Status : Answered  
 Chosen Option : 4

Q.19 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. Oslo
  - 2. Baht
  - 3. Peso
  - 4. Rial

Question ID : 6549787375  
 Status : Answered  
 Chosen Option : 1

Q.20 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.



Ans

1. d e w m F 8

2. q s w m F 8

3. q s w m F 8

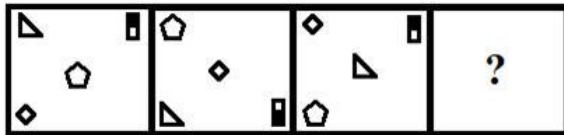
4. q s w m F 8

Question ID : 6549787382

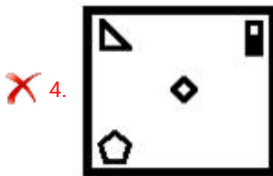
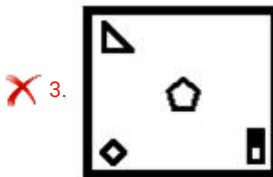
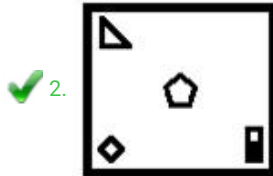
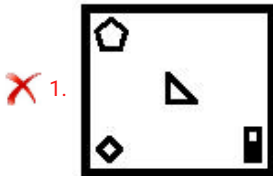
Status : Answered

Chosen Option : 4

Q.21 Select the figure that will replace the question mark (?) in the following figure series.



Ans



Question ID : 6549788085

Status : Answered

Chosen Option : 4

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

POSTED : TPQEFU :: COUNTS : ?

- Ans  1. VPDTUO  
 2. VPTDOW  
 3. VPETVO  
 4. UQDTUO

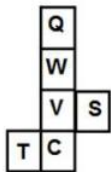
Question ID : 6549787369  
Status : Answered  
Chosen Option : 1

Q.23 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. 322 : 18  
 2. 289 : 17  
 3. 225 : 15  
 4. 484 : 22

Question ID : 6549788072  
Status : Answered  
Chosen Option : 1

Q.24 Which of the following pairs of letters will be on the opposite faces when the given sheet is folded to form a cube?



- Ans  1. T and V  
 2. S and C  
 3. Q and S  
 4. C and W

Question ID : 6549788084  
Status : Answered  
Chosen Option : 4

**Q.25** Select the option in which the numbers share the same relationship as that shared by the numbers in the given set.

(4, 3, 73)

- Ans  1. (7, 5, 345)  
 2. (5, 4, 141)  
 3. (6, 2, 230)  
 4. (5, 7, 302)

Question ID : 6549788070  
Status : Answered  
Chosen Option : 2

Section : Quantitative Aptitude

**Q.1** A rhombus of side 28 cm has one angle of  $60^\circ$ . What is the length of the larger diagonal?

- Ans  1.  $28(1 + \sqrt{3})$  cm  
 2.  $28\sqrt{2}$  cm  
 3. 28 cm  
 4.  $28\sqrt{3}$  cm

Question ID : 6549788110  
Status : Answered  
Chosen Option : 4

**Q.2** If  $\sqrt{x} + \frac{1}{\sqrt{x}} = \sqrt{6}$ , then the value of  $x^6 + \frac{1}{x^6}$  will be:

- Ans  1. 2270  
 2. 2502  
 3. 2702  
 4. 2712

Question ID : 6549787399  
Status : Answered  
Chosen Option : 3

**Q.3** An article was sold for ₹512 after giving two equal successive discounts on the marked price of ₹800. The percentage discount offered is:

- Ans  1. 16%  
 2. 20%  
 3. 18%  
 4. 15%

Question ID : 6549787388  
Status : Answered  
Chosen Option : 2



**Q.4** Varun and Madhur invested ₹25,000 each in different schemes. Varun earned simple interest at 11% per annum, whereas Madhur earned compound interest at 10% per annum compounded annually. Who received more interest after 2 years and how much?

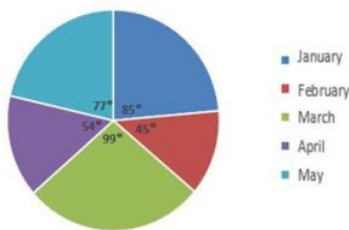
- Ans**
- 1. Madhur, ₹302.50
  - 2. Madhur, ₹250
  - 3. Varun, ₹500
  - 4. Varun, ₹250

Question ID : 6549788099  
Status : Answered  
Chosen Option : 4

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

The pie chart shows the distribution (degree-wise) of the number of computers sold by a shopkeeper during five months.

Total Number of Computers Sold = 5400



In which month was the number of computers sold above 25% of the total number of computers sold in 5 months?

- Ans**
- 1. March
  - 2. May
  - 3. February
  - 4. January

Question ID : 6549787104  
Status : Answered  
Chosen Option : 1

**Q.6** ABC is a right-angled triangle, right-angled at B. D is a point on AC such that AD = 12 cm and CD = 16 cm. If BD bisects  $\angle ABC$ , then the perimeter of  $\triangle ABC$  will be:

- Ans**
- 1. 66 cm
  - 2. 56.2 cm
  - 3. 66.2 cm
  - 4. 67.2 cm

Question ID : 6549787396  
Status : Not Answered  
Chosen Option : --

**Q.7** The average daily income of Shyam Lal during the month of February 2020 was ₹560. The average income for the first 16 days was ₹590 and for the last 16 days it was ₹500. What was his average income for 14<sup>th</sup>, 15<sup>th</sup> and 16<sup>th</sup> February?

- Ans**
- 1. ₹545
  - 2. ₹400
  - 3. ₹590
  - 4. ₹587

Question ID : 6549788094  
Status : Answered  
Chosen Option : 2

**Q.8** A train starts running at a uniform speed of 60 km/h from station P towards station Q. At the same time another train starts running from station Q towards station P. If the distance between the stations P and Q is 275 km and the trains meet in two and a half hours, then what is the speed of the train running towards station P in km/h?

- Ans**
- 1. 48
  - 2. 44
  - 3. 40
  - 4. 50

Question ID : 6549788092  
Status : Answered  
Chosen Option : 4

**Q.9** Two chords AB and CD of a circle intersect at O. If CO = 4 cm, OD = 3.75 cm, and AB = 8 cm, then what is the length (in cm) of the smaller among AO and OB?

- Ans**
- 1. 2.75
  - 2. 5.25
  - 3. 5
  - 4. 3

Question ID : 6549787394  
Status : Answered  
Chosen Option : 4

**Q.10** A is thrice as efficient as B. A takes 24 days less than B to complete a work. If they work together, in how many days, will the work be completed?

- Ans**
- 1. 9
  - 2. 12
  - 3. 15
  - 4. 8

Question ID : 6549787384  
Status : Answered  
Chosen Option : 1

Q.11 If a number  $54k31m82$  is divisible by 11, what will be the maximum value of  $(k+m)$ ?

- Ans
- 1. 23
  - 2. 13
  - 3. 12
  - 4. 11

Question ID : 6549788107

Status : Answered

Chosen Option : 3

Q.12 If  $x - \frac{2}{x} = 4$ , then what will be the value of  $x^2 + \frac{4}{x^2}$  ?

- Ans
- 1. 20
  - 2. 18
  - 3. 12
  - 4. 8

Question ID : 6549788104

Status : Answered

Chosen Option : 1

Q.13 In triangle ABC, if BD and CD bisect  $\angle B$  and  $\angle C$ , respectively, and  $\angle BDC = 135^\circ$ , then find the measure of  $\angle BAC$ .

- Ans
- 1.  $90^\circ$
  - 2.  $75^\circ$
  - 3.  $45^\circ$
  - 4.  $65^\circ$

Question ID : 6549788102

Status : Answered

Chosen Option : 1

Q.14 In a circle with centre O, PA and PB are the tangents at A and B, respectively, from an external point P. If  $\angle APB = 42^\circ$ , then what will be the measure of  $\angle AOB$ ?

- Ans
- 1.  $121^\circ$
  - 2.  $142^\circ$
  - 3.  $159^\circ$
  - 4.  $138^\circ$

Question ID : 6549788100

Status : Answered

Chosen Option : 4

**Q.15** Study the given pie charts and answer the question that follows.

The pie charts represent the distribution of candidates who were enrolled for Bank Clerical Examination Fig (i) and the candidates (out of those enrolled) who passed the examination Fig (ii) in five different institutes P, Q, R, S and T.

(I) Total number of candidates enrolled in five different institutes = 5500

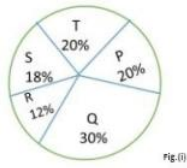


Fig. (i)

(II) Total number of candidates who passed the examination from five institutes = 3300

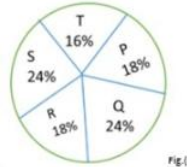


Fig. (ii)

The ratio of the candidates who passed to the candidates enrolled from institute S is:

- Ans**
- 1. 5 : 6
  - 2. 3 : 4
  - 3. 6 : 7
  - 4. 4 : 5

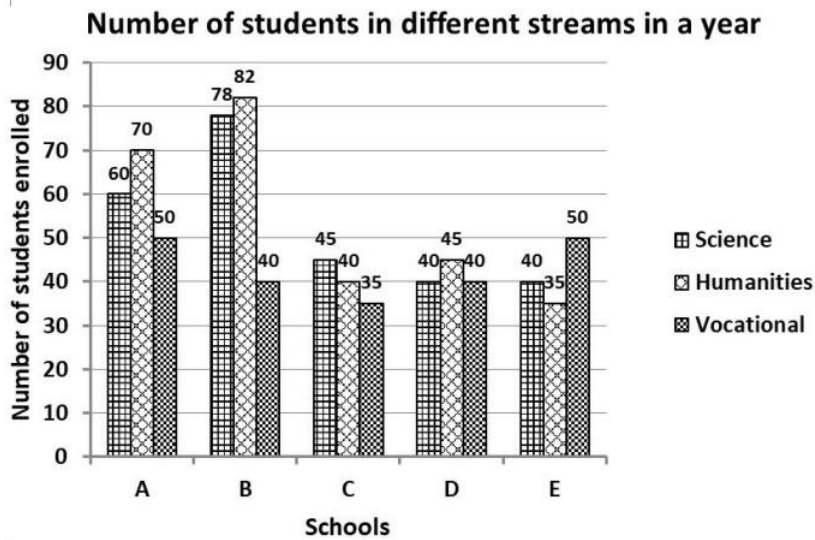
Question ID : **6549787405**

Status : **Answered**

Chosen Option : **4**

**Q.16** The number of students enrolled in different streams at Senior Secondary level in five schools has been shown in the bar graph.

What is the ratio of the number of students enrolled in the vocational stream in schools A, C and E taken together to those enrolled in the humanities stream in the schools B, D and E taken together?



- Ans
- 1. 5 : 6
  - 2. 7 : 9
  - 3. 2 : 3
  - 4. 9 : 11

Question ID : 6549788115  
Status : Answered  
Chosen Option : 1

**Q.17** If  $x^4 + \frac{1}{x^4} = 3842$ , then the positive value of  $x + \frac{1}{x}$  will be:

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

Question ID : 6549787398  
Status : Answered  
Chosen Option : 2

Q.18

The value of  $31\frac{2}{5} \div \left[ 168 \div \frac{3}{7} \text{ of } 28 + \left( 33 \div \frac{5}{2} \right) + \left( 7\frac{3}{5} - 3\frac{2}{5} \right) \right]$  is:

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

Question ID : 6549787401

Status : Answered

Chosen Option : 2

Q.19

If  $\operatorname{cosec}\theta = \frac{41}{9}$  and  $\theta$  is an acute angle, then the value of  $5 \tan\theta$  will be:

- Ans
- 1.  $\frac{11}{8}$
  - 2.  $\frac{13}{4}$
  - 3.  $\frac{7}{8}$
  - 4.  $\frac{9}{8}$

Question ID : 6549787402

Status : Answered

Chosen Option : 4

Q.20

The volume of a metallic cylindrical pipe is  $3564 \text{ cm}^3$ . If its external radius is 12 cm and thickness is 3 cm, then the length of the pipe will be:

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

- Ans
- 1. 22 cm
  - 2. 20 cm
  - 3. 18 cm
  - 4. 16 cm

Question ID : 6549787386

Status : Not Answered

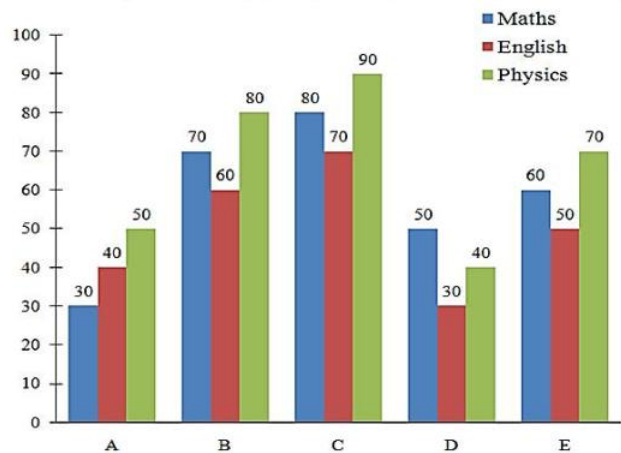
Chosen Option : --

**Q.21** A shopkeeper bought pens at the rate of ₹1,350 for 15 dozen pens and sold them at the rate of ₹495 for 5 dozen pens. His percentage profit or percentage loss is:

- Ans**
- 1. Profit 10%
  - 2. Profit 15%
  - 3. Loss 15%
  - 4. Loss 10%

Question ID : 6549787390  
Status : Not Answered  
Chosen Option : --

**Q.22** 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 is the ratio of the marks of D's in Maths and Physics together to the marks of B's in English and Physics?

- Ans**
- 1. 14 : 13
  - 2. 7 : 14
  - 3. 9 : 14
  - 4. 2 : 7

Question ID : 6549788618  
Status : Answered  
Chosen Option : 3

**Q.23** The population of a town increased by 15% in 2018 and 10% in 2019. Due to a pandemic, it decreased by 10% in 2020. What was the percentage increase in the population of the town in 3 years?

- Ans**
- 1. 12.5%
  - 2. 17.5%
  - 3. 13.85%
  - 4. 15%

Question ID : 6549788096  
Status : Not Answered  
Chosen Option : --

Q.24 If  $a : b = 2 : 3$  and  $c : d = 5a : 3b$ , then  $2c : 5d$  is equal to:

- Ans
- 1.  $1 : 1$
  - 2.  $10 : 9$
  - 3.  $4 : 9$
  - 4.  $9 : 10$

Question ID : 6549788098  
Status : Answered  
Chosen Option : 3

Q.25 Solve the following equation and find the value of  $\theta$ .

$$3 \cot \theta + \tan \theta - 2\sqrt{3} = 0, 0 < \theta < 90^\circ$$

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

Question ID : 6549787404  
Status : Not Answered  
Chosen Option : --

Section : General Awareness

Q.1 Which of the given Articles of the Constitution of India mentions the following?

"There shall be a council of Ministers with the Prime Minister at the head to aid and advise the President who shall in the exercise of his functions, act in accordance with such advice."

- Ans
- 1. Article 71(1)
  - 2. Article 71(2)
  - 3. Article 74(1)
  - 4. Article 74(2)

Question ID : 6549787430  
Status : Answered  
Chosen Option : 1

Q.2 In which country was the World Snooker Championship 2020 held from 31 July to 16 August 2020?

- Ans
- 1. England
  - 2. Germany
  - 3. Switzerland
  - 4. France

Question ID : 6549787432  
Status : Not Answered  
Chosen Option : --



**Q.3 In which year did India host the Commonwealth Games?**

- Ans
- 1. 2018
  - 2. 2010
  - 3. 2006
  - 4. 2014

Question ID : **6549788138**  
Status : **Answered**  
Chosen Option : **2**

**Q.4 What is the generic name of calcium sulphate hemihydrate?**

- Ans
- 1. Baking soda
  - 2. Plaster of Paris
  - 3. Detergent powder
  - 4. Vinegar

Question ID : **6549788126**  
Status : **Answered**  
Chosen Option : **2**

**Q.5 Which of the following rivers originates from the state of Rajasthan?**

- Ans
- 1. Narmada
  - 2. Banas
  - 3. Mahi
  - 4. Chambal

Question ID : **6549787421**  
Status : **Answered**  
Chosen Option : **2**

**Q.6 Who was the ruler of Delhi sultanate when Ibn Batuta came in India?**

- Ans
- 1. Alauddin Khalji
  - 2. Firuz Shah Tughlaq
  - 3. Muhammad Bin Tughlaq
  - 4. Ibrahim Lodi

Question ID : **6549787425**  
Status : **Answered**  
Chosen Option : **1**

**Q.7 Which of the following keyboard shortcuts will you press in order to minimise all programs on a computer screen and display the desktop?**

- Ans
- 1. Windows + C
  - 2. Windows + M
  - 3. Windows + F
  - 4. Windows + D

Question ID : 6549788116  
Status : Not Answered  
Chosen Option : --

**Q.8 Which has been India's most successful sport in the history of Olympic games having won medals maximum number of times till December 2020?**

- Ans
- 1. Badminton
  - 2. Football
  - 3. Wrestling
  - 4. Field Hockey

Question ID : 6549788140  
Status : Answered  
Chosen Option : 3

**Q.9 In which of the following caves is the painting named 'Padmapani Bodhisattva' found?**

- Ans
- 1. Ajanta Cave No. 4
  - 2. Ajanta Cave No. 2
  - 3. Ajanta Cave No. 3
  - 4. Ajanta Cave No. 1

Question ID : 6549787412  
Status : Not Answered  
Chosen Option : --

**Q.10 Down Syndrome, which causes learning difficulties and physical health development delays and disabilities, is a:**

- Ans
- 1. bacterial disease
  - 2. genetic disease
  - 3. viral disease
  - 4. fungal disease

Question ID : 6549787420  
Status : Answered  
Chosen Option : 2

Q.11 Who among the following became the youngest speaker of Lok Sabha till March 2021?

- Ans  1. Ganti Mohana Chandra Balayogi  
 2. Meira Kumar  
 3. Sumitra Mahajan  
 4. PA Sangma

Question ID : 6549788136  
Status : Answered  
Chosen Option : 4

Q.12 \_\_\_\_\_ launched 'Harit Path', a mobile app, in 2020.

- Ans  1. National Highways Authority of India  
 2. Pradhan Mantri Gram Sadak Yojana  
 3. Central Public Works Department  
 4. Public Works Department of Delhi

Question ID : 6549788120  
Status : Answered  
Chosen Option : 1

Q.13 निम्नलिखित में से कौन सी एशिया की सबसे बड़ी खारे पानी की झील है?

- Ans  1. लोकटक  
 2. पुलीकट  
 3. वूलर  
 4. चिलका

Question ID : 6549788130  
Status : Answered  
Chosen Option : 4

Q.14 CorelDraw is an example of a/an:

- Ans  1. database software  
 2. accounting software  
 3. spreadsheet software  
 4. desktop publishing software

Question ID : 6549787410  
Status : Not Answered  
Chosen Option : --

Q.15 What minimum support price per quintal of groundnut has been declared by the Government of India for the marketing season 2020-21?

- Ans  1. ₹5275  
 2. ₹6765  
 3. ₹6285  
 4. ₹4795

Question ID : 6549787417  
Status : Not Answered  
Chosen Option : --

Q.16 Mirzai and bandi (types of jackets in white or black) are popular in the \_\_\_\_\_ region/s.

- Ans  1. Ladakh and Kashmir  
 2. Bundelkhand and Malwa  
 3. Western Ghat  
 4. North Eastern

Question ID : 6549788118  
Status : Answered  
Chosen Option : 2

Q.17 What do you call the point in the orbit of the moon or a satellite at which it is nearest to Earth?

- Ans  1. Perigee  
 2. Eclipse  
 3. Apsis  
 4. Apogee

Question ID : 6549788131  
Status : Answered  
Chosen Option : 1

Q.18 Which of the following types of rocks are formed by the lithification process?

- Ans  1. Sedimentary rocks  
 2. Metamorphic rocks  
 3. Igneous rocks  
 4. Primary rocks

Question ID : 6549787422  
Status : Answered  
Chosen Option : 1

Q.19 Bhaskaravarman of the Varman dynasty ruled in the \_\_\_\_ region.

- Ans  1. Kamarupa  
 2. Ujjain  
 3. Magadha  
 4. Vaishali

Question ID : 6549788133  
Status : Not Answered  
Chosen Option : --

Q.20 Who among the following took charge as the CEO and Managing Director of HDFC Bank in October 2020?

- Ans  1. Sashidhar Jagdishan  
 2. Rakesh Sharma  
 3. Sandeep Bakhshi  
 4. Amitabh Chaudhry

Question ID : 6549788123  
Status : Answered  
Chosen Option : 1

Q.21 Convention on the prohibition of the use of nuclear weapons and reducing nuclear danger under the nuclear weapons cluster were two resolutions sponsored by India that \_\_\_\_ adopted in 2020.

- Ans  1. UN General Assembly  
 2. World Health Organization  
 3. World Bank  
 4. International Labour Organization

Question ID : 6549788121  
Status : Answered  
Chosen Option : 1

Q.22 Which of the following organisations released the 'Global Economic Freedom Index 2020 Annual Report'?

- Ans  1. Germanwatch  
 2. StartupBlink  
 3. The Heritage Foundation  
 4. World Economic Forum

Question ID : 6549787415  
Status : Answered  
Chosen Option : 1

**Q.23 Which of the following is NOT a use of washing soda?**

- Ans
- 1. It can be used as a cleaning agent for domestic purposes.
  - 2. It is used in glass, soap and paper industries.
  - 3. It is used to make drinking water free from germs.
  - 4. It is used for removing permanent hardness of water.

Question ID : **6549787418**  
Status : **Answered**  
Chosen Option : **3**

**Q.24 In 2020, the Nobel Prize in Physiology or Medicine was awarded jointly to Harvey J Alter, Michael Houghton and Charles M Rice for the discovery of:**

- Ans
- 1. Norwalk virus
  - 2. Epstein-Barr virus
  - 3. tobacco mosaic virus
  - 4. hepatitis C virus

Question ID : **6549787427**  
Status : **Answered**  
Chosen Option : **3**

**Q.25 Which Indian actor was conferred with the 'Most Inspiring Indian Bollywood Actor' award in the UK in 2019?**

- Ans
- 1. John Abraham
  - 2. Nawazuddin Siddique
  - 3. Sanjay Kapoor
  - 4. Boman Irani

Question ID : **6549788135**  
Status : **Answered**  
Chosen Option : **2**

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

Roll Number	
Candidate Name	
Venue Name	
Exam Date	04/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section : English Language

**Q.1** In the given sentence identify the segment which contains the grammatical error.

I would have died if he did not dress my wound that day.

- Ans
- 1. if he did not dress
  - 2. that day
  - 3. I would have died
  - 4. my wound

Question ID : 6549787841  
Status : Answered  
Chosen Option : 3

**Q.2** Select the most appropriate word to fill in the blank.

Priya has a very \_\_\_\_\_ nature and does not accept financial help even from her own parents.

- Ans
- 1. impartial
  - 2. disinterested
  - 3. biased
  - 4. independent

Question ID : 6549787054  
Status : Answered  
Chosen Option : 4

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

Encroach

- Ans
- 1. Disregard
  - 2. Ignore
  - 3. Intrude
  - 4. Forget

Question ID : 6549787052  
Status : Answered  
Chosen Option : 3

**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. Cheetahs are one of the world's most-recognisable cats, known especially for their speed.
- B. Their faces too are distinguished by prominent black lines that curve from the inner corner of each eye to the outer corners of the mouth, like a well-worn trail of inky tears.
- C. Cheetahs are covered almost entirely with small black spots on a background of pale yellow and have a white underbelly.
- D. They have a long, slender body measuring 1.2 metres (4 feet), with a long tail (65–85 cm [2–3 feet]) that generally ends in a white tuft.

- Ans
- 1. BADC
  - 2. ABDC
  - 3. DABC
  - 4. CADB

Question ID : 6549787040  
Status : Answered  
Chosen Option : 2

**Q.5** Select the most appropriate meaning of the given idiom.

**Pull something off**

- Ans
- 1. Drag something forcibly
  - 2. Take out the cover or lid
  - 3. Make something happen
  - 4. Make a lot of noise

Question ID : 6549787046  
Status : Answered  
Chosen Option : 3

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

**Go to the dogs**

- Ans
- 1. Fail miserably
  - 2. Deteriorate shockingly
  - 3. Want something badly
  - 4. Go crazy

Question ID : 6549787855  
Status : Answered  
Chosen Option : 2

**Q.7** Select the option that can be used as a one-word substitute for the given group of words.

**Fond of company**

- Ans
- 1. Cheerful
  - 2. Gracious
  - 3. Gregarious
  - 4. Amiable

Question ID : 6549787051  
Status : Answered  
Chosen Option : 3



Q.8 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No improvement'.

The child is crying because she can't find her mother.

- Ans  1. No improvement  
 2. A child is crying  
 3. The child has cried  
 4. The child were crying

Question ID : 6549787850  
Status : Answered  
Chosen Option : 2

Q.9 Select the INCORRECTLY spelt word.

- Ans  1. Callous  
 2. Vicious  
 3. Hienous  
 4. Vicarious

Question ID : 6549787049  
Status : Answered  
Chosen Option : 3

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

**INDIGNANT**

- Ans  1. Annoyed  
 2. Pleased  
 3. Upset  
 4. Peeved

Question ID : 6549787853  
Status : Answered  
Chosen Option : 2

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

**Harrowing**

- Ans  1. Worrying  
 2. Repetitive  
 3. Pleasant  
 4. Stressful

Question ID : 6549787044  
Status : Answered  
Chosen Option : 3

Q.12 Select the option that expresses the given sentence in direct speech.

My friends say that many young people are very active on social media now.

- Ans
- 1. My friends say, "Many young people were very active on social media now."
  - 2. My friends said, "Many young people were very active on social media then."
  - 3. My friends say, "Many young people are very active on social media now."
  - 4. My friends are saying, "Many young people are very active on social media then."

Question ID : 6549787031

Status : Answered

Chosen Option : 3

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'.

The roof is being held up over two stone pillars.

- Ans
- 1. is hold up on
  - 2. No substitution required
  - 3. was held above
  - 4. is held up by

Question ID : 6549787043

Status : Answered

Chosen Option : 4

Q.14 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. He confessed that the only thing he was afraid of was snakes.
- B. On my second visit to West Africa I met a young man on board the ship.
- C. I told him that it was very unlikely that he would see any.
- D. He was going out to take up a job in a banana plantation.

- Ans
- 1. BDAC
  - 2. ADBC
  - 3. BACD
  - 4. DBAC

Question ID : 6549787849

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.15 Select the INCORRECTLY spelt word.

- Ans
- 1. Entreat
  - 2. Entrust
  - 3. Enveloppe
  - 4. Envoy

Question ID : 6549787856

Status : Answered

Chosen Option : 3

Q.16 Select the word which means the same as the group of words given.

A person who arranges and sells cut flowers

- Ans
- 1. Botanist
  - 2. Anthropologist
  - 3. Horticulturist
  - 4. Florist

Question ID : 6549787858  
Status : Answered  
Chosen Option : 4

Q.17 Select the correct passive form of the given sentence.

At the last moment, a fireman pulled out Manohar from the burning bus.

- Ans
- 1. At the last moment, Manohar was pulling out of the burning bus by a fireman.
  - 2. At the last moment, Manohar was pulled out of the burning bus by a fireman.
  - 3. At the last moment, Manohar had been pulled out of the burning bus by a fireman.
  - 4. At the last moment, a fireman was pulled out of the burning bus by Manohar.

Question ID : 6549787838  
Status : Answered  
Chosen Option : 2

Q.18 Select the most appropriate word to fill in the blank in the given sentence.

The passengers waited \_\_\_\_\_ for the local train to arrive.

- Ans
- 1. hastily
  - 2. meekly
  - 3. patiently
  - 4. considerably

Question ID : 6549787863  
Status : Answered  
Chosen Option : 3

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

APPARENTLY

- Ans
- 1. Seemingly
  - 2. Considerably
  - 3. Unlikely
  - 4. Questionably

Question ID : 6549787861  
Status : Answered  
Chosen Option : 3

**Q.20** 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.

At the workshop, / they were taught how to nail / the pieces of wood together to create toys.

- Ans  1. No error  
 2. they were taught how to nail  
 3. the pieces of wood together to create toys  
 4. At the workshop

Question ID : 6549787032  
Status : Not Answered  
Chosen Option : --

**Comprehension:**

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

Equiano was born in 1745 in Nigeria. When he (1) \_\_\_\_\_ about eleven, Equiano was kidnapped and sold to slave traders headed (2) \_\_\_\_\_ the West Indies. Though he spent a brief (3) \_\_\_\_\_ in the state of Virginia, much of Equiano's time (4) \_\_\_\_\_ serving on slave ships and British navy vessels. In his service on these (5) \_\_\_\_\_, Equiano traveled extensively.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option for blank number 1.

- Ans  1. is  
 2. were  
 3. are  
 4. was

Question ID : 6549787843  
Status : Answered  
Chosen Option : 4

**Comprehension:**

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

Equiano was born in 1745 in Nigeria. When he (1) \_\_\_\_\_ about eleven, Equiano was kidnapped and sold to slave traders headed (2) \_\_\_\_\_ the West Indies. Though he spent a brief (3) \_\_\_\_\_ in the state of Virginia, much of Equiano's time (4) \_\_\_\_\_ serving on slave ships and British navy vessels. In his service on these (5) \_\_\_\_\_, Equiano traveled extensively.

**SubQuestion No : 22**

**Q.22** Select the most appropriate option for blank number 2.

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

Question ID : 6549787844  
Status : Not Answered  
Chosen Option : --

**Comprehension:**

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

Equiano was born in 1745 in Nigeria. When he (1) \_\_\_\_\_ about eleven, Equiano was kidnapped and sold to slave traders headed (2) \_\_\_\_\_ the West Indies. Though he spent a brief (3) \_\_\_\_\_ in the state of Virginia, much of Equiano's time (4) \_\_\_\_\_ serving on slave ships and British navy vessels. In his service on these (5) \_\_\_\_\_, Equiano traveled extensively.

**SubQuestion No : 23**

**Q.23** Select the most appropriate option for blank number 3.

- Ans
- 1. era
  - 2. age
  - 3. period
  - 4. life

Question ID : 6549787845

Status : Not Answered

Chosen Option : --

**Comprehension:**

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

Equiano was born in 1745 in Nigeria. When he (1) \_\_\_\_\_ about eleven, Equiano was kidnapped and sold to slave traders headed (2) \_\_\_\_\_ the West Indies. Though he spent a brief (3) \_\_\_\_\_ in the state of Virginia, much of Equiano's time (4) \_\_\_\_\_ serving on slave ships and British navy vessels. In his service on these (5) \_\_\_\_\_, Equiano traveled extensively.

**SubQuestion No : 24**

**Q.24** Select the most appropriate option for blank number 4.

- Ans
- 1. spent
  - 2. was spent
  - 3. is spent
  - 4. has been spent

Question ID : 6549787846

Status : Not Answered

Chosen Option : --

**Comprehension:**

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

Equiano was born in 1745 in Nigeria. When he (1) \_\_\_\_\_ about eleven, Equiano was kidnapped and sold to slave traders headed (2) \_\_\_\_\_ the West Indies. Though he spent a brief (3) \_\_\_\_\_ in the state of Virginia, much of Equiano's time (4) \_\_\_\_\_ serving on slave ships and British navy vessels. In his service on these (5) \_\_\_\_\_, Equiano traveled extensively.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option for blank number 5.

- Ans
- 1. liners
  - 2. crafts
  - 3. tankers
  - 4. ships

Question ID : 6549787847

Status : Not Answered

Chosen Option : --

Q.1 Nirmala introduced Rahul as the son of the sister of her mother. How is Nirmala related to Rahul?

- Ans
- 1. Brother
  - 2. Brother-in-law
  - 3. Cousin
  - 4. Maternal uncle

Question ID : 6549787069  
Status : Answered  
Chosen Option : 3

Q.2 Which two signs should be interchanged to balance the following equation?

$$646 \div 19 - 746 + 20 \times 34 = 100$$

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

Question ID : 6549787865  
Status : Answered  
Chosen Option : 3

Q.3 Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.

1. Prescription
2. Diagnosis
3. Illness
4. Follow-up
5. Recovery

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

Question ID : 6549787063  
Status : Answered  
Chosen Option : 4

Q.4 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. PVBH
  - 2. CIOU
  - 3. SYDJ
  - 4. KQWC

Question ID : 6549787071  
Status : Answered  
Chosen Option : 3

**Q.5** In a certain code language, CANDIDATE is coded as 846292417 and ACTION is coded as 481936. How will DICTATION be coded in that language?


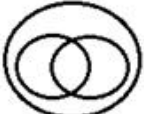

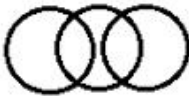
- Ans**
- 1. 493212965
  - 2. 298242956
  - 3. 493212975
  - 4. 298141936

Question ID : 6549787065  
Status : Answered  
Chosen Option : 4

**Q.6** Select the Venn diagram that best represents the relationship between the following classes.

Teachers, Graduates, Tennis players

**Ans**

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

Question ID : 6549787080  
Status : Answered  
Chosen Option : 3

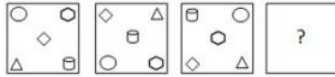
**Q.7** Three different positions of the same dice are shown. Select the number that will be on the face opposite to the face having 6.



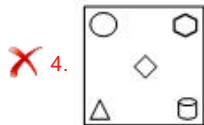
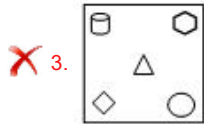
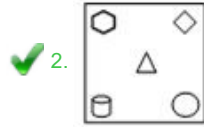
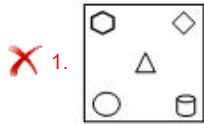
- Ans**
- 1. 2
  - 2. 4
  - 3. 3
  - 4. 1

Question ID : 6549787074  
Status : Answered  
Chosen Option : 1

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



Ans



Question ID : 6549787075  
Status : Answered  
Chosen Option : 2

Q.9 Select the option that is related to the third word in the same way as the second word is related to the first word.

Galvanometer : Electric current : : Graphometer : ?

- Ans  1. Angles  
 2. Oscillations  
 3. Altitudes  
 4. Humidity

Question ID : 6549787875  
Status : Answered  
Chosen Option : 1

Q.10 In a certain code language, PROUD is written as WYJPK. How will GUILTY be written in that language?

- Ans  1. BPBOGT  
 2. NDPASF  
 3. NPDSAF  
 4. BBPGOT

Question ID : 6549787872  
Status : Answered  
Chosen Option : 1



Q.11 From the given options choose the one in which the set of numbers do not follow the same Logic/Rule/Relation as the numbers given in below set.

(32, 16, 96)

- Ans
- 1. (42, 21, 126)
  - 2. (26, 13, 78)
  - 3. (36, 18, 108)
  - 4. (22, 11, 68)

Question ID : 6549787867  
Status : Answered  
Chosen Option : 2

Q.12 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

185 : 199

- Ans
- 1. 139 : 152
  - 2. 174 : 187
  - 3. 126 : 134
  - 4. 89 : 106

Question ID : 6549787058  
Status : Not Answered  
Chosen Option : --

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

Power : Watt

- Ans
- 1. Current : Volt
  - 2. Force : Pascal
  - 3. Volume : Pound
  - 4. Resistance : Ohm

Question ID : 6549787070  
Status : Answered  
Chosen Option : 4

Q.14 Select the number from among the given options that can replace the question mark (?) in the following series.

4, 5, 13, 22, 86, 111, ?

- Ans
- 1. 327
  - 2. 427
  - 3. 247
  - 4. 237

Question ID : 6549787869  
Status : Answered  
Chosen Option : 1

Q.15 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. 348  
 2. 231  
 3. 252  
 4. 217

Question ID : 6549787062  
Status : Answered  
Chosen Option : 4

Q.16 A driver increases the speed of his vehicle by 5 km/h after every one hour. If the initial speed of the vehicle was 75 km/h, then what was the average speed of the vehicle in a journey of 4 hours?

- Ans  1. 82.5 km/h  
 2. 83.75 km/h  
 3. 83 km/h  
 4. 82km/h

Question ID : 6549787056  
Status : Answered  
Chosen Option : 1

Q.17 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:

- All plots are flats.
- All flats are hotels.
- Some hotels are restaurants.

Conclusions:

- I. Some restaurants are flats.
- II. Some hotels are plots.
- III. No plot is a restaurant.

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

Question ID : 6549787881  
Status : Answered  
Chosen Option : 2

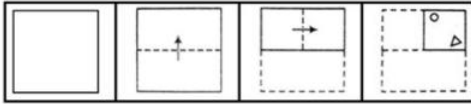
Q.18 Select the option that is related to the third term in the same way as the second term is related to the first term.

AMIDST : AIMDST :: SYNTAX : ?

- Ans  1. SNYATX  
 2. NYSTAX  
 3. SANYTX  
 4. NSYATX

Question ID : 6549787874  
Status : Marked For Review  
Chosen Option : 1

**Q.19** 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 : 6549787886

Status : Answered

Chosen Option : 4

**Q.20** Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

p l \_ p p \_ s p \_ l s p p l \_ p

- Ans
- 1. s p p l
  - 2. s l p s
  - 3. l s l p
  - 4. p l s p

Question ID : 6549786159

Status : Answered

Chosen Option : 2

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

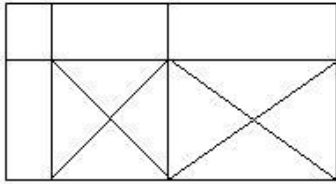
- Ans
- 1. Fluster
  - 2. Confound
  - 3. Agitate
  - 4. Calm

Question ID : 6549787880

Status : Answered

Chosen Option : 3

Q.22 How many rectangles are there in the given figure?



- Ans  1. 18  
 2. 20  
 3. 16  
 4. 19

Question ID : 6549787076  
Status : Answered  
Chosen Option : 4

Q.23 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(2194, 1328, 726)

- Ans  1. (1170, 570, 228)  
 2. (1560, 1131, 551)  
 3. (1406, 962, 390)  
 4. (1725, 997, 509)

Question ID : 6549787060  
Status : Not Answered  
Chosen Option : --

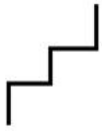
Q.24 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

ARISTOCRAT  $\begin{matrix} P \\ | \\ Q \end{matrix}$

- Ans  1. ▽BISLQCBVL  
 2. ▽BISLCOBVL  
 3. TARYOCTIYA  
 4. TARYOCTIYA

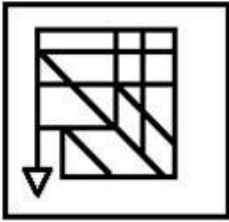
Question ID : 6549787887  
Status : Answered  
Chosen Option : 4

Q.25 Select the option in which the given figure is embedded (rotation is NOT allowed).

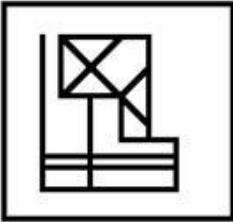


Ans

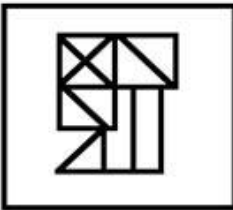
✓ 1.



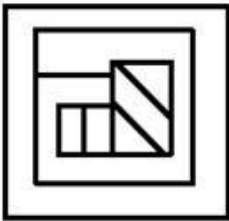
✗ 2.



✗ 3.



✗ 4.



Question ID : 6549787885  
Status : Answered  
Chosen Option : 1

Section : Quantitative Aptitude

Q.1 When  $(2^{24} - 1)$  is divided by 7, the remainder is:

Ans ✗ 1. 2

✓ 2. 0

✗ 3. 4

✗ 4. 1

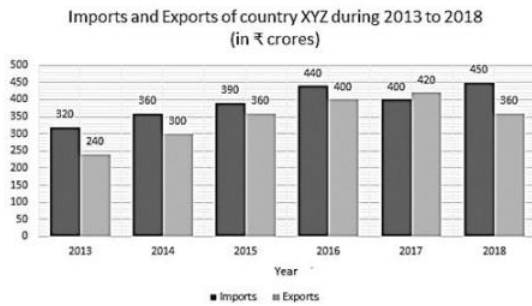
Question ID : 6549787097  
Status : Answered  
Chosen Option : 2

Q.2 If  $a + b + c = 7$  and  $a^3 + b^3 + c^3 - 3abc = 301$ , then  $ab + bc + ca = ?$

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

Question ID : 6549787904  
Status : Answered  
Chosen Option : 4

Q.3 Study the given graph and answer the question that follows.



By what percentage is the total exports in 2014 and 2016 less than the total imports in the same two years?

- Ans
- 1. 12.5
  - 2. 12.9
  - 3. 14.3
  - 4. 11.25

Question ID : 6549786599  
Status : Answered  
Chosen Option : 1

Q.4 In a circle with centre  $O$ , chord  $AB$  and diameter  $CD$  intersect each other at point  $E$ , inside the circle. If  $\angle AOD = 42^\circ$  and  $\angle BOC = 104^\circ$ , then what is the measure (in degrees) of  $\angle AED$ ?

- Ans
- 1. 73
  - 2. 62
  - 3. 58
  - 4. 84

Question ID : 6549787899  
Status : Answered  
Chosen Option : 1

Q.5 If  $x^2 - 3\sqrt{2}x + 1 = 0$ , then what is the value of  $x^3 + \left(\frac{1}{x^3}\right)$ ?

- Ans
- 1.  $30\sqrt{6}$
  - 2.  $45\sqrt{2}$
  - 3.  $15\sqrt{6}$
  - 4.  $30\sqrt{2}$

Question ID : 6549787903  
Status : Answered  
Chosen Option : 2

Q.6 If  $x^2 + 1 - 2x = 0$ ,  $x > 0$ , then  $x^2(x^2 - 2) =$  \_\_\_\_\_.

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

Question ID : 6549787094

Status : Answered

Chosen Option : 3

Q.7 Chords AB and CD of a circle intersect externally at P. If CD = 11.6 cm, PD = 6.4 cm and PB = 7.2 cm, then AB (in cm) is equal to:

- Ans
- 1. 12
  - 2. 16
  - 3. 8.8
  - 4. 4.8

Question ID : 6549787090

Status : Answered

Chosen Option : 3

Q.8 If  $2\cos^2\theta = 3(1 - \sin\theta)$ ,  $0^\circ < \theta < 90^\circ$ , then what is the value of  $(\tan 2\theta + \operatorname{cosec} 3\theta - \sec 2\theta)$ ?

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

Question ID : 6549787909

Status : Answered

Chosen Option : 2

Q.9 The value of  $8 \div 2$  of  $3 - [56 \div 4$  of  $\{4 \times 3 - (9 - 11) \div (2 \div 4$  of  $4)\}$ ] is:

- Ans
- 1.  $\frac{11}{6}$
  - 2.  $\frac{5}{6}$
  - 3.  $\frac{4}{3}$
  - 4.  $\frac{1}{2}$

Question ID : 6549787906

Status : Answered

Chosen Option : 2

**Q.10** The perimeters of two similar triangles ABC and PQR are 156 cm and 46.8 cm, respectively. If BC = 19.5 cm and QR = x cm, then the value of x is:

- Ans  1. 5.85 cm  
 2. 6.75 cm  
 3. 3.76 cm  
 4. 4.29 cm

Question ID : 6549787092  
Status : Answered  
Chosen Option : 1

**Q.11** A can complete a certain work in 30 days. He started the work. After 4 days, B joined him and the whole work was completed in 10 days from the beginning. B alone can complete one-third of the same work in:

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

Question ID : 6549787889  
Status : Marked For Review  
Chosen Option : 1

**Q.12** If the difference between the compound interest compounded annually and the simple interest on a certain sum of money for three years at 10% per annum is ₹279, then the sum (in ₹) is:

- Ans  1. 10,000  
 2. 8,000  
 3. 7,500  
 4. 9,000

Question ID : 6549787089  
Status : Answered  
Chosen Option : 4

**Q.13** In  $\triangle ABC$ ,  $\angle A = 90^\circ$ ,  $AB = 20$  cm and  $BC = 29$  cm. What is the value of  $(\sin B - \cot C)$  ?

- Ans  1.  $-\frac{9}{29}$   
 2.  $-\frac{189}{580}$   
 3.  $\frac{189}{580}$   
 4.  $\frac{9}{29}$

Question ID : 6549787907  
Status : Answered  
Chosen Option : 2



**Q.14** In a constituency, 55% of the total number of voters are males and the rest are females. If 40% of the males are illiterate and 40% of the females are literate, then by what percentage is the number of illiterate females more than that of the illiterate males (correct to one decimal place)?

- Ans
- 1. 22.7%
  - 2. 16.4%
  - 3. 21.5%
  - 4. 20.8%

Question ID : **6549787086**  
Status : **Not Answered**  
Chosen Option : --

**Q.15** By selling 3 dozen oranges for ₹405, a trader loses 25%. How many oranges should he sell for ₹288 if he needs to earn a profit of 20% in the transaction?

- Ans
- 1. 18
  - 2. 15
  - 3. 16
  - 4. 12

Question ID : **6549787895**  
Status : **Not Answered**  
Chosen Option : --

**Q.16** X and Y start at the same time to ride from place A to place B, which is 80 km away from A. X travels 4 km per hour slower than Y. Y reaches place B and at once turns back meeting X, 16 km from place B. Y's speed (in km/h) is:

- Ans
- 1. 9
  - 2. 15
  - 3. 8
  - 4. 12

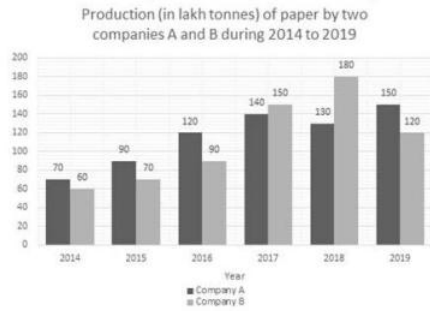
Question ID : **6549787082**  
Status : **Answered**  
Chosen Option : 4

**Q.17** There are three numbers. If the ratio of the first to the second number is 2 : 7 and that of the second to the third number is 5 : 8, then the ratio of the first to the third number is:

- Ans
- 1. 7 : 8
  - 2. 5 : 28
  - 3. 1 : 4
  - 4. 5 : 7

Question ID : **6549787088**  
Status : **Answered**  
Chosen Option : 2

**Q.18** Study the given graph and answer the question that follows.



What is the ratio of the total production of paper by company A in 2016 and 2019 to the total production of paper by company B in 2014 and 2017?

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

Question ID : **6549787910**  
 Status : **Answered**  
 Chosen Option : 1

**Q.19**  $BD$  and  $CE$  are the medians of  $\triangle ABC$ , right angled at  $A$ . If  $CE = \frac{5\sqrt{13}}{2}$  cm,  $BC = 10$  cm, then the length of  $BD$  is:

- Ans
- 1.  $3\sqrt{7}$  cm
  - 2.  $3\sqrt{5}$  cm
  - 3.  $\sqrt{13}$  cm
  - 4.  $\frac{5}{2}\sqrt{7}$  cm

Question ID : **6549787901**  
 Status : **Answered**  
 Chosen Option : 4

**Q.20** The following histogram represents the daily earnings of 50 medical stores in a locality.



The difference between the percentage of medical stores whose daily earnings are less than ₹1,000 and the percentage of medical stores whose daily earnings are ₹1,200 and above is:

- Ans
- 1. 24%
  - 2. 16%
  - 3. 15%
  - 4. 12%

Question ID : **6549787105**  
 Status : **Not Answered**  
 Chosen Option : --

**Q.21** The marked price of an article is ₹480. A person buys it at two successive discounts of 15% and 10%. He sells it at a profit of 25%. What is his profit (in ₹)?

- Ans**
- 1. 95.40
  - 2. 90.60
  - 3. 91.80
  - 4. 93.20

Question ID : **6549787893**  
Status : **Answered**  
Chosen Option : **3**

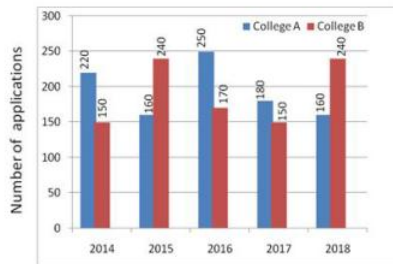
**Q.22** The average of 19 numbers is 48. The average of the first 7 numbers is 50.6 and that of the last 13 numbers is 47.6. If the 7<sup>th</sup> number is excluded, then what is the average of the remaining numbers (correct to one decimal place)?

- Ans**
- 1. 42.4
  - 2. 49.5
  - 3. 39.6
  - 4. 47.3

Question ID : **6549787084**  
Status : **Answered**  
Chosen Option : **4**

**Q.23** Study the following bar graph and answer the question given below.

The bar graph represents the total number of applications received for B.Sc. Mathematics by two different colleges A and B in 5 different years.



Find the difference between the average number of applications received by college A from 2014 to 2018 and the average number of applications received by college B from 2014 to 2018?

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

Question ID : **6549788821**  
Status : **Answered**  
Chosen Option : **2**

**Q.24** As observed from the top of a lighthouse, 42 m high above sea-level, the angle of depression of a ship sailing directly towards it changes from  $30^\circ$  to  $45^\circ$ . The distance travelled by the ship during the period of observation is:

- Ans
- 1.  $42(1 - \sqrt{3})$
  - 2.  $42(\sqrt{3} + 1)$
  - 3.  $42(\sqrt{3} - 1)$
  - 4. 42

Question ID : 6549787100  
Status : Answered  
Chosen Option : 3

**Q.25** What is the cost (in ₹) of levelling a triangular park with sides 60 m , 112 m and 164 m at the rate of ₹10.50 per  $m^2$  ?

- Ans
- 1. 21,063
  - 2. 20,160
  - 3. 21,168
  - 4. 21,000

Question ID : 6549787891  
Status : Not Answered  
Chosen Option : --

Section : General Awareness

**Q.1** According to which of the following Schedules to the Constitution provides for allocation of seats to the states and union territories in Rajya Sabha?

- Ans
- 1. Fourth
  - 2. Sixth
  - 3. Seventh
  - 4. Second

Question ID : 6549787935  
Status : Answered  
Chosen Option : 2

**Q.2** Which of the following rivers rises in the west of Rohtang Pass in the Kullu hills of Himachal Pradesh and flows through the Chamba valley of the state?

- Ans
- 1. Satluj
  - 2. Ravi
  - 3. Beas
  - 4. Chenab

Question ID : 6549787121  
Status : Answered  
Chosen Option : 1

Q.3 How many Rajya Sabha seats come from the state of Assam?

- Ans  1. 7  
 2. 15  
 3. 9  
 4. 18

Question ID : 6549787126  
Status : Answered  
Chosen Option : 1

Q.4 In which of the following years was the Cornwallis Code enacted?

- Ans  1. 1857  
 2. 1793  
 3. 1805  
 4. 1723

Question ID : 6549787930  
Status : Answered  
Chosen Option : 2

Q.5 Which of the following is the full form of EBCDIC?

- Ans  1. Extended Binary-Coded-Decimal Interchange Code  
 2. Extended Binary-Control-Device Interchange Code  
 3. Electronic Binary-Coded-Device Interchange Code  
 4. Electronic Binary-Control-Decimal Interchange Code

Question ID : 6549787915  
Status : Answered  
Chosen Option : 3

Q.6 Which of the following factors is NOT responsible for the loss of fertility of agricultural land?

- Ans  1. Salinisation of soil  
 2. Higher cation exchange capacity of soil  
 3. Alkalisiation of soil  
 4. Waterlogging

Question ID : 6549787120  
Status : Answered  
Chosen Option : 4

Q.7 Which of the following banks has signed a loan of \$40 million to Northern Arc Capital to support the microfinance borrowers and the MSME sectors in India?

- Ans  1. AIIB  
 2. World Bank  
 3. IMF  
 4. ADB

Question ID : 6549787922  
Status : Not Answered  
Chosen Option : --

**Q.8** Which of the following devices accepts the results produced by the computer in a machine-readable form?

- Ans
- 1. Microphone
  - 2. Printer
  - 3. Graphics tablet
  - 4. Mouse

Question ID : **6549787106**  
Status : **Answered**  
Chosen Option : **2**

**Q.9** Kuldeep Handoo has won the Dronacharya Award in 2020. He belongs to which of the following sports?

- Ans
- 1. Wushu
  - 2. Swimming
  - 3. Boxing
  - 4. Wrestling

Question ID : **6549787937**  
Status : **Not Answered**  
Chosen Option : --

**Q.10** Which of the following is one of the basic plant nutrients of fertilizers that are commonly used in agriculture?

- Ans
- 1. Sodium
  - 2. Mercury
  - 3. Arsenic
  - 4. Potassium

Question ID : **6549787923**  
Status : **Answered**  
Chosen Option : **4**

**Q.11** Who among the following has written the novel 'The Awasthis of Aamnagri'?

- Ans
- 1. Shubha Sharma
  - 2. Debashish Panigrahi
  - 3. Sarabjit Singh
  - 4. Chetan Bhagat

Question ID : **6549787932**  
Status : **Not Answered**  
Chosen Option : --

**Q.12** The 'SAKSHAM' campaign launched by the Government of India in January 2021 aims to spread awareness about \_\_\_\_\_.

- Ans
- 1. adoption of cleaner fuels
  - 2. empowerment of women
  - 3. protection of girl child
  - 4. education for children

Question ID : **6549787111**  
Status : **Answered**  
Chosen Option : **2**

Q.13 Who among the following footballers won the 'Best FIFA Men's Player Award' 2020?

- Ans
- 1. Lionel Messi
  - 2. Cristiano Ronaldo
  - 3. Robert Lewandowski
  - 4. Raheem Sterling

Question ID : 6549787128  
Status : Answered  
Chosen Option : 2

Q.14 Shigmotsav is essentially a festival of the masses, celebrated on the full moon day in the month of Phalguna (March). Which state celebrates this festival?

- Ans
- 1. Haryana
  - 2. Meghalaya
  - 3. Sikkim
  - 4. Goa

Question ID : 6549787917  
Status : Answered  
Chosen Option : 3

Q.15 India has engaged actively in the multilateral negotiations in the UNFCCC. What is the full form of UNFCCC?

- Ans
- 1. United Nations Framework of Central Climate Change
  - 2. United Nations Fellowship of Central Climate Change
  - 3. United Nations Framework Convention on Climate Change
  - 4. United Nations Fellowship Convention on Climate Change

Question ID : 6549787925  
Status : Answered  
Chosen Option : 1

Q.16 Suryadhar lake is located in which of the following states?

- Ans
- 1. Himachal Pradesh
  - 2. Arunachal Pradesh
  - 3. Uttarakhand
  - 4. Meghalaya

Question ID : 6549787926  
Status : Not Answered  
Chosen Option : --

Q.17 Which of the followings sports was added to the Asian Beach Games Program 2021 as of December 2020?

- Ans
- 1. Athletics
  - 2. Aquatics
  - 3. Basketball
  - 4. Coastal Rowing

Question ID : 6549787130  
Status : Not Answered  
Chosen Option : --

Q.18 In which of the following states is Buxa National Park situated?

- Ans
- 1. Punjab
  - 2. Haryana
  - 3. Karnataka
  - 4. West Bengal

Question ID : 6549787927  
Status : Answered  
Chosen Option : 4

Q.19 Which of the following states Government has unveiled the 'Farmer Registration and Unified beneficiary Information System' (FRUITS), an e-governance portal, to create a repository of farmland information and farm loan details on a single platform?

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

Question ID : 6549787920  
Status : Not Answered  
Chosen Option : --

Q.20 In which of the following cities was India's first indigenously designed and developed driverless metro car unveiled in January 2021?

- Ans
- 1. Delhi
  - 2. Chennai
  - 3. Kolkata
  - 4. Bengaluru

Question ID : 6549787110  
Status : Answered  
Chosen Option : 4

Q.21 Who among the following were awarded the Nobel Prize 2020 in Economics Sciences?

- Ans
- 1. James J Heckman and Daniel L McFadden
  - 2. Paul R Milgrom and Robert B Wilson
  - 3. William Vickrey and James A Mirrlees
  - 4. Robert W Fogel and Douglass C North

Question ID : 6549787125  
Status : Not Answered  
Chosen Option : --

Q.22 Which of the following battles did Maulvi Ahmadullah Shah fight, defeating the forces under Henry Lawrence?

- Ans
- 1. Battle of Kintoor
  - 2. Battle of Saragarhi
  - 3. Battle of Chinhat
  - 4. Battle of Najafgarh

Question ID : 6549787123  
Status : Not Answered  
Chosen Option : --



**Q.23** Which of the following is used as a primary means of implementing the monetary policy of the Reserve Bank of India?

- Ans**  1. Repo rate  
 2. Call money  
 3. Mumbai Interbank Offer Rate  
 4. Promissory notes

Question ID : **6549787113**  
Status : **Answered**  
Chosen Option : **1**

**Q.24** In which of the following states is Sri Bhramaramba Mallikarjuna Temple located?

- Ans**  1. Andhra Pradesh  
 2. Odisha  
 3. Maharashtra  
 4. Tamil Nadu

Question ID : **6549787108**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.25** Which of the following diseases is caused by Helicobacter pylori?

- Ans**  1. Gastritis  
 2. Ringworm  
 3. Chikungunya  
 4. Rubella

Question ID : **6549787116**  
Status : **Not Answered**  
Chosen Option : **--**