





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

Roll Number	Join Youtube Channel
Candidate Name	Join Youtube Channel
Venue Name	iON Digital Zone iDZ Laxman Nagar
Exam Date	11/08/2021
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 you tries to dictate your terms, I don't think we can work together.

- Ans**  1. try
-  2. No substitution
-  3. have try
-  4. were tried

Question ID : **6549788255**  
Status : **Answered**  
Chosen Option : 1

**Q.2** Select the most appropriate synonym of the given word.

**Travail**

- Ans**  1. Agony
-  2. Excursion
-  3. Adventure
-  4. Journey

Question ID : **6549786043**  
Status : **Marked For Review**  
Chosen Option : 1

**Q.3** Given below are four jumbled sentences. Out of the given options, select the one that gives their correct order.

- A. He told his friends that his difficulties were a sign of God's confidence in him.
- B. A businessman remained cheerful even though he suffered one catastrophe after another.
- C. Therefore, when he was serving in the armed forces too, his senior officer had chosen him for dangerous missions because he knew he could be trusted.
- D. First, his son had a serious accident and then he had huge losses in his business, but he was not perturbed.

- Ans
- ☒ 1. BDAC
  - ☐ 2. BACD
  - ☐ 3. BCDA
  - ☐ 4. BCAD

Question ID : 6549788252  
Status : Answered  
Chosen Option : 1

**Q.4** 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.

There is constant friction / between the executive members / of the Association.

- Ans
- ☐ 1. No error
  - ☐ 2. There is constant friction
  - ☒ 3. between the executive members
  - ☐ 4. of the Association

Question ID : 6549786023  
Status : Answered  
Chosen Option : 3

**Q.5** Select the option that can be used as a one-word substitute for the given group of words.

Certain to happen

- Ans
- ☐ 1. Avoidable
  - ☐ 2. Ineffective
  - ☐ 3. Unexpected
  - ☒ 4. Inevitable

Question ID : 6549786040  
Status : Answered  
Chosen Option : 4

**Q.6** In the given sentence, identify the segment which contains a grammatical error.

**Each players must play according to his full potential and not think only about winning.**

- Ans**
- ☒ 1. Each players
  - ☐ 2. must play
  - ☐ 3. only about winning
  - ☐ 4. according to

Question ID : **6549788244**  
Status : **Answered**  
Chosen Option : **1**

**Q.7** Select the most appropriate **ANTONYM** of the given word.

**Exclusive**

- Ans**
- ☐ 1. Expansive
  - ☐ 2. Extensive
  - ☐ 3. Incisive
  - ☒ 4. Inclusive

Question ID : **6549786035**  
Status : **Answered**  
Chosen Option : **4**

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

**CORDIAL**

- Ans**
- ☐ 1. hostile
  - ☒ 2. friendly
  - ☐ 3. capable
  - ☐ 4. unwilling

Question ID : **6549788264**  
Status : **Answered**  
Chosen Option : **2**

**Q.9** Select the option that expresses the given sentence in passive voice.

**Arvind delivered the packet at the address given by Asha.**

- Ans**
- ☐ 1. The packet was being delivered by Arvind at the address given by Asha.
  - ☐ 2. Asha delivered the packet at the address given by Arvind.
  - ☒ 3. The packet was delivered by Arvind at the address given by Asha.
  - ☐ 4. The packet had been delivered at the address given by Arvind.

Question ID : **6549786020**  
Status : **Answered**  
Chosen Option : **3**

**Q.10 Select the INCORRECTLY spelt word.**

- Ans**
- ☒ 1. existence
  - ☒ 2. allowance
  - ☒ 3. acceptance
  - ☒ 4. forbearance

Question ID : **6549788261**  
Status : **Answered**  
Chosen Option : **1**

**Q.11 Select the most appropriate meaning of the given idiom.**

**Hang on every word**

- Ans**
- ☒ 1. Listen very carefully
  - ☒ 2. Stop after hearing one word
  - ☒ 3. Speak very slowly
  - ☒ 4. Stammer while speaking

Question ID : **6549786037**  
Status : **Answered**  
Chosen Option : **4**

**Q.12 Select the correct indirect form of the given sentence.**

**Sarita said to me, "I'm glad I did not leave my village."**

- Ans**
- ☒ 1. Sarita told me she is glad she had not left her village.
  - ☒ 2. Sarita told me I am glad she had not left her village.
  - ☒ 3. Sarita told me she was glad she had not left her village.
  - ☒ 4. Sarita told me she was glad she was not leaving her village.

Question ID : **6549788243**  
Status : **Answered**  
Chosen Option : **3**

**Q.13 Select the most appropriate word to fill in the blank.**

**Everything in the village was grown organically as the majority of the population indulged in farming for \_\_\_\_.**

- Ans**
- ☒ 1. nutrition
  - ☒ 2. nourishment
  - ☒ 3. maintenance
  - ☒ 4. sustenance

Question ID : **6549786045**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : **--**

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

people existing or living at the same time

- Ans
- ☒ 1. community
  - ☒ 2. population
  - ☒ 3. inhabitants
  - ☒ 4. contemporaries

Question ID : 6549788263

Status : Answered

Chosen Option : 4

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

ABUNDANCE

- Ans
- ☒ 1. gaiety
  - ☒ 2. generosity
  - ☒ 3. bounty
  - ☒ 4. scarcity

Question ID : 6549788256

Status : Answered

Chosen Option : 4

**Q.16** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Most of us hesitate to accept our mistakes.

- Ans
- ☒ 1. More of us
  - ☒ 2. No substitution required
  - ☒ 3. Much of us
  - ☒ 4. Lots many of us



Question ID : 6549786032

Status : Answered

Chosen Option : 2

**Q.17** 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. In other words, chess and basketball are contests.  
B. As games, chess and basketball are obviously different from leapfrog and playing house.  
C. One can win a game of basketball, but it makes no sense to ask who has won a game of leapfrog.  
D. The first two games are competitive, the second two are not.

Ans  1. DCBA  
 2. BCAD  
 3. ACDB  
 4. BDCA

Question ID : **6549786031**  
Status : **Answered**  
Chosen Option : **2**





**Q.18** Select the INCORRECTLY spelt word.

Ans  1. Doubtful  
 2. Subtle  
 3. Knead  
 4. Desscent

Question ID : **6549786038**  
Status : **Answered**  
Chosen Option : **4**

**Q.19** Select the most appropriate word to fill in the blank.





Doctors and nurses who are treating COVID-19 patients are finding it difficult \_\_\_\_\_ long working hours.

Ans  1. to cope with  
 2. to carry on  
 3. to service for  
 4. for manage with

Question ID : **6549788266**  
Status : **Answered**  
Chosen Option : **1**

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

Off and on

Ans  1. not soon  
 2. again and again  
 3. sometimes but not regularly  
 4. every day

Question ID : **6549788258**  
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.

The short story in literature is usually concerned with a single effect conveyed in only one or (1) \_\_\_\_\_ few significant episodes or scenes. (2) The \_\_\_\_\_ encourages economy of setting, (3) \_\_\_\_\_ narrative, and the omission of a (4) \_\_\_\_\_ plot; character is disclosed in action and a (5) \_\_\_\_\_ encounter but is seldom fully developed. Despite its relatively limited scope, though, a short story is often judged by its ability to provide a 'complete' or satisfying treatment of its characters and subject.

**SubQuestion No : 21**

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

- Ans  1. little  
 2. a  
 3. the  
 4. limited

Question ID : **6549786025**

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.

The short story in literature is usually concerned with a single effect conveyed in only one or (1) \_\_\_\_\_ few significant episodes or scenes. (2) The \_\_\_\_\_ encourages economy of setting, (3) \_\_\_\_\_ narrative, and the omission of a (4) \_\_\_\_\_ plot; character is disclosed in action and a (5) \_\_\_\_\_ encounter but is seldom fully developed. Despite its relatively limited scope, though, a short story is often judged by its ability to provide a 'complete' or satisfying treatment of its characters and subject.

**SubQuestion No : 22**

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

- Ans  1. procedure  
 2. practice  
 3. form  
 4. shape

Question ID : **6549786026**

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

Chosen Option : **--**

**Comprehension:**

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

The short story in literature is usually concerned with a single effect conveyed in only one or (1) \_\_\_\_\_ few significant episodes or scenes. (2) The \_\_\_\_\_ encourages economy of setting, (3) \_\_\_\_\_ narrative, and the omission of a (4) \_\_\_\_\_ plot; character is disclosed in action and a (5) \_\_\_\_\_ encounter but is seldom fully developed. Despite its relatively limited scope, though, a short story is often judged by its ability to provide a 'complete' or satisfying treatment of its characters and subject.

**SubQuestion No : 23**

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

- Ans**
- ☒ 1. curt
  - ☒ 2. long
  - ☒ 3. lengthy
  - ☒ 4. concise

Question ID : **6549786027**

Status : **Answered**

Chosen Option : **4**

**Comprehension:**

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

The short story in literature is usually concerned with a single effect conveyed in only one or (1) \_\_\_\_\_ few significant episodes or scenes. (2) The \_\_\_\_\_ encourages economy of setting, (3) \_\_\_\_\_ narrative, and the omission of a (4) \_\_\_\_\_ plot; character is disclosed in action and a (5) \_\_\_\_\_ encounter but is seldom fully developed. Despite its relatively limited scope, though, a short story is often judged by its ability to provide a 'complete' or satisfying treatment of its characters and subject.

**SubQuestion No : 24**

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

- Ans**
- ☒ 1. slight
  - ☒ 2. fused
  - ☒ 3. compound
  - ☒ 4. complex

Question ID : **6549786028**

Status : **Not Answered**

Chosen Option : **--**



**Comprehension:**

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

The short story in literature is usually concerned with a single effect conveyed in only one or (1) \_\_\_\_\_ few significant episodes or scenes. (2) The \_\_\_\_\_ encourages economy of setting, (3) \_\_\_\_\_ narrative, and the omission of a (4) \_\_\_\_\_ plot; character is disclosed in action and a (5) \_\_\_\_\_ encounter but is seldom fully developed. Despite its relatively limited scope, though, a short story is often judged by its ability to provide a 'complete' or satisfying treatment of its characters and subject.

**SubQuestion No : 25**

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

- Ans
- ☒ 1. melodious
  - ☒ 2. balanced
  - ☒ 3. dramatic
  - ☒ 4. harmonious

Question ID : 6549786029

Status : Answered

Chosen Option : 3

**Section : General Intelligence**

**Q.1** Three of the following four letter-clusters are alike in a certain way and one is different. Select the odd one.

- Ans
- ☒ 1. CXQBO
  - ☒ 2. EZSFV
  - ☒ 3. UPITG
  - ☒ 4. IDWHU

Question ID : 6549788283

Status : Answered

Chosen Option : 2

**Q.2** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

All racks are books.

All racks are pens.

**Conclusions:**

I. All pens are books.

II. Some books are pens.

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

Question ID : 6549786063

Status : Answered

Chosen Option : 3

**Q.3** A kid's mother's father-in-law's daughter is Rashmi, whose daughter is Pihoo. How is Pihoo related to the kid?

- Ans**
- ☐ 1. Sister
  - ☐ 2. Niece
  - ☐ 3. Aunt
  - ☒ 4. Cousin

Question ID : **6549789760**  
Status : **Answered**  
Chosen Option : **4**

**Q.4** If CALENDAR is coded as 91452313 and FACEMASK is coded as 210142316, then how will SECURITY be coded as?

- Ans**
- ☐ 1. 723593120
  - ☒ 2. 723953210
  - ☐ 3. 723933210
  - ☐ 4. 729952310

Question ID : **6549788277**  
Status : **Not Answered**  
Chosen Option : --

**Q.5** In an entrance test, Tiwari scored 25% marks and failed by 64 marks. If he had scored 40% marks, then he would have secured 32 marks more than the pass marks. Find the pass marks.

- Ans**
- ☒ 1. 224
  - ☐ 2. 295
  - ☐ 3. 250
  - ☐ 4. 150

Question ID : **6549788268**  
Status : **Answered**  
Chosen Option : **1**

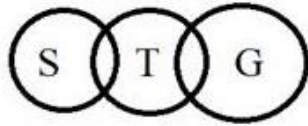
**Q.6** Read the below statements disregarding commonly known facts and then from the given four options, identify the Venn diagram that correctly represents the statements.

Statements:

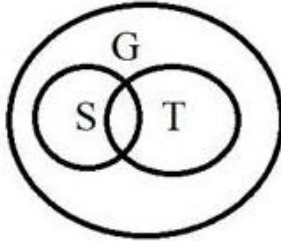
Some Shirts are Towels.  
Some Towels are Gloves.

**Ans**

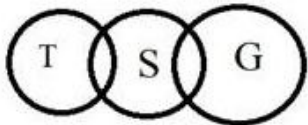
✓ 1.



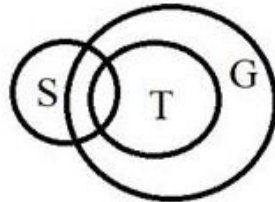
✗ 2.



✗ 3.



✗ 4.



Question ID : 6549788292

Status : Answered

Chosen Option : 1

**Q.7** Select the option that is related to the third term in the same way as the second term is related to the first term.

PAINTER : AEINPRT :: GLAMOUR : ?

**Ans**

✗ 1. MALGRUO

✗ 2. RUOMALG

✓ 3. AGLMORU

✗ 4. ALGOMRU





Question ID : 6549786056

Status : Answered

Chosen Option : 3

**Q.8** Select the correct mirror image of the given figure when the mirror is placed at the right side.

A£CαEß

- Ans  1. A£CαEß
-  2. βEαC£A
-  3. βEαC£A
-  4. A£CαEß

Question ID : 6549786069

Status : Answered

Chosen Option : 3

**Q.9** Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

K \_ T Z \_ Y \_ M \_ Z O \_ K \_ T \_ O Y

- Ans  1. M O K T Y M Z
-  2. M O T T Y N Z
-  3. M O T Y K M Z
-  4. M N K T Y K Z

Question ID : 6549787472

Status : Answered

Chosen Option : 1

**Q.10** चार शब्द दिए गए हैं, जिनमें से तीन किसी प्रकार समान हैं और एक भिन्न है। भिन्न शब्द का चयन करें।

- Ans  1. डगमगाना (Waddle)
-  2. गुरना (Growl)
-  3. घुरघुराना (Grunt)
-  4. मिमियाना (Bleat)

Question ID : 6549786062

Status : Answered

Chosen Option : 1

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

- Ans  1. 181 : 12
-  2. 398 : 18
-  3. 305 : 16
-  4. 271 : 15

Question ID : 6549788274

Status : Not Answered

Chosen Option : --

**Q.12** Select the set in which the numbers are related in the same way as are the numbers of the following set.

(697, 13, 866)

- Ans**
- ☒ 1. (747, 25, 1423)
  - ☒ 2. (651, 16, 940)
  - ☒ 3. (541, 14, 737)
  - ☒ 4. (832, 8, 887)

Question ID : **6549788272**

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

Chosen Option : --

**Q.13** उस विकल्प का चयन कीजिए जिसका तीसरे शब्द से वही संबंध है, जो दूसरे शब्द का पहले शब्द से है।

पूर्ण रूप से : समूचा :: काबू से बाहर : ?

- Ans**
- ☒ 1. वृद्धि
  - ☒ 2. त्रुटिपूर्ण
  - ☒ 3. अनियंत्रित
  - ☒ 4. सामान्य

Question ID : **6549786057**

Status : **Answered**

Chosen Option : **3**

**Q.14** Select the word-pair in which the two words are related in the same way as are the two words in the given word-pair.

Resistance : Ohm

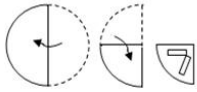
- Ans**
- ☒ 1. Volume : Joule
  - ☒ 2. Pressure : Watt
  - ☒ 3. Ampere : Current
  - ☒ 4. Angle : Radians

Question ID : **6549788282**

Status : **Answered**

Chosen Option : **4**

**Q.15** The sequence of folding a piece of paper and the manner in which the folded paper has been cut are shown in the following figures. How would this paper look when unfolded?



**Ans**

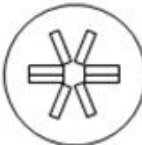
☒ 1.



☒ 2.



☒ 3.



☒ 4.



Question ID : 6549786068

Status : Answered

Chosen Option : 4

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

89, 79, 71, ?, 53, 43

**Ans**

☒ 1. 63

☒ 2. 69

☒ 3. 67

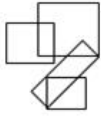
☒ 4. 61

Question ID : 6549786051

Status : Answered

Chosen Option : 4

**Q.17** Select the option that is embedded in the given figure (rotation is NOT allowed).



**Ans**

☒ 1.



☒ 2.



☒ 3.



☒ 4.



Question ID : **6549786067**

Status : **Answered**

Chosen Option : **3**

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

$$26 \div 6 - 54 + 24 \times 8 = 174$$

**Ans**

☒ 1. 8 and 6;  $\times$  and  $\div$

☒ 2. 4 and 2;  $+$  and  $\div$

☒ 3. 6 and 4;  $-$  and  $\times$

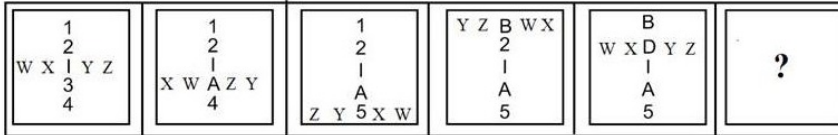
☒ 4. 5 and 8;  $\times$  and  $+$

Question ID : **6549786047**

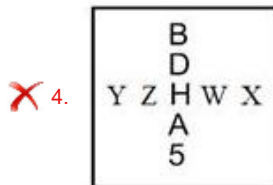
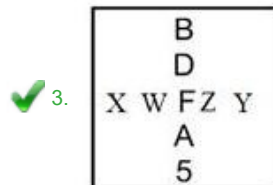
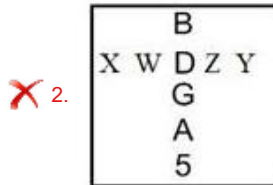
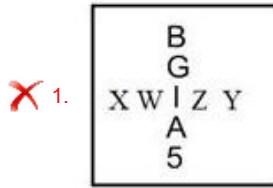
Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

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



**Ans**



Question ID : **6549788287**

Status : **Answered**

Chosen Option : 1

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

**9 : 99 :: 15 : ?**

**Ans** ✗ 1. 552

✗ 2. 525

✓ 3. 255

✗ 4. 252

Question ID : **6549788270**

Status : **Answered**

Chosen Option : 3



**Q.21** Which option represents the correct order of the given words as they would appear in an English dictionary?

1. Pamphlet
2. Paleface
3. Painless
4. Partiality
5. Pabulums

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

Question ID : 6549788275

Status : Answered

Chosen Option : 2

**Q.22** In a certain code language, PROMISE is written as WXTQLUF. How will MELTING be written in that language?

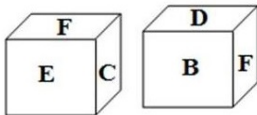
Ans ☒ 1. TLSAPUN  
☒ 2. TKQXLPH  
☒ 3. SJPWKOG  
☒ 4. SKRZOTM

Question ID : 6549786054

Status : Answered

Chosen Option : 2

**Q.23** Two different positions of the same dice are shown. Select the letter that will be on the face opposite to the face showing 'C'.



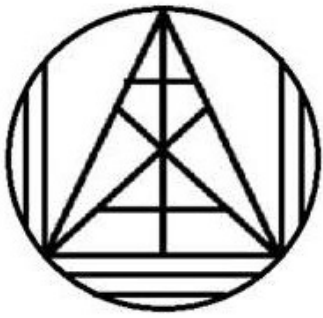
Ans ☒ 1. A  
☒ 2. B  
☒ 3. F  
☒ 4. D

Question ID : 6549788286

Status : Answered

Chosen Option : 2

Q.24 Find the number of triangles in the following figure.



- Ans
- ☒ 1. 23
  - ☒ 2. 22
  - ☒ 3. 21
  - ☒ 4. 20

Question ID : 6549788288  
 Status : Answered  
 Chosen Option : 2

Q.25 Select the option in which the numbers are related in the same way as are the numbers of the following set.

25 : 75 : 150

- Ans
- ☒ 1. 29 : 36 : 72
  - ☒ 2. 18 : 126 : 253
  - ☒ 3. 36 : 108 : 324
  - ☒ 4. 13 : 26 : 104

Question ID : 6549786049  
 Status : Not Attempted and Marked For Review  
 Chosen Option : --

Section : Quantitative Aptitude

Q.1 The value of  $\left[ \frac{\sin^2 27^\circ + \sin^2 63^\circ}{\cos^2 24^\circ + \cos^2 66^\circ} - \sin^2 69^\circ - \cos 69^\circ \sin 21^\circ \right]$  is:

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

Question ID : 6549786091  
 Status : Answered  
 Chosen Option : 2

**Q.2** If  $x^4 + x^{-4} = 47$ ,  $x > 0$ , then the value of  $(2x - 3)^2$  is:

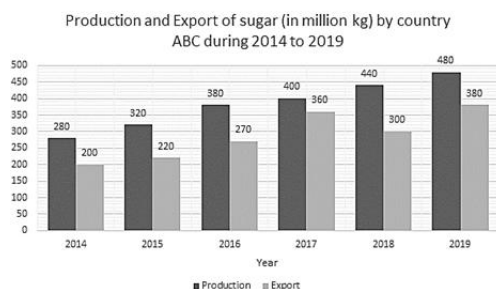
- Ans**
- ☒ 1. 9
  - ☒ 2. 7
  - ☒ 3. 5
  - ☒ 4. 3

Question ID : **6549786085**

Status : **Answered**

Chosen Option : **3**

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



By what percentage is the average export of sugar in 2016, 2017 and 2018 less than the production in 2017?

- Ans**
- ☒ 1. 29%
  - ☒ 2. 20%
  - ☒ 3. 25.8%
  - ☒ 4. 22.5%

Question ID : **6549788012**

Status : **Answered**

Chosen Option : **4**

**Q.4** If  $3\sin^2 A + 4\cos^2 A - 3 = 0$ , then the value of  $\cot A$  (where  $0 \leq A \leq 90^\circ$ ) is:

- Ans**
- ☒ 1.  $\infty$
  - ☒ 2. 0
  - ☒ 3. not defined
  - ☒ 4. 1

Question ID : **6549788312**

Status : **Answered**

Chosen Option : **2**

**Q.5** When a number is divided by 3, the remainder is 2. Again, when the quotient is divided by 7, the remainder is 5. What will be the remainder when the original number is divided by 21?

- Ans**
- ☒ 1. 13
  - ☒ 2. 16
  - ☒ 3. 14
  - ☒ 4. 17

Question ID : 6549788309

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

Chosen Option : --

**Q.6** The value of  $4 \times 3 \div 2$  of  $3 \times 2 \div (4 + 5 \times 4 \div 4$  of  $5 - 4 \div 4 \times 4)$  is:

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

Question ID : 6549786088

Status : **Answered**

Chosen Option : 4

**Q.7** If  $\Delta ABC \sim \Delta PQR$ ,  $\frac{ar(\Delta ABC)}{ar(\Delta PQR)} = \frac{4}{9}$ ,  $AC = 12\text{ cm}$ ,  $AB = 18\text{ cm}$  and  $BC = 10\text{ cm}$ , then  $PR$  (in cm) is equal to:

- Ans**
- ☒ 1. 10
  - ☒ 2. 8
  - ☒ 3. 15
  - ☒ 4. 18

Question ID : 6549786083

Status : **Answered**



Chosen Option : 3

**Q.8** Study the table and answer the question that follows:

In the given table, production of five different types of machines (A, B, C, D, E) in the years from 2016 to 2020 (in thousands) is given.

Machines	Years				
	2016	2017	2018	2019	2020
A	46	53	56	58	67
B	50	65	67	66	72
C	43	54	55	47	51
D	47	52	61	65	74
E	48	58	63	64	67

What is the ratio of the total production of type A machines in 2018 and type E machines in 2019 to the total production of type C and type D machines in 2016?

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

Question ID : **6549786092**

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

Chosen Option : --

**Q.9** How many bricks each measuring  $64 \text{ cm} \times 11.25 \text{ cm} \times 6 \text{ cm}$ , will be needed to build a wall measuring  $8 \text{ m} \times 3 \text{ m} \times 22.5 \text{ m}$ ?





- Ans**  1. 125000  
 2. 250000  
 3. 67500  
 4. 200000

Question ID : **6549786073**

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

Chosen Option : --

**Q.10** A 9-cm-long perpendicular is drawn from the centre of circle to a chord of length 24 cm. The radius of the circle is:

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

Question ID : **6549788302**

Status : **Answered**  
Chosen Option : 4

**Q.11** From a point P, which is at a distance of 13 cm from the centre O of a circle, a pair of tangents PQ and PR of length 12 cm are drawn to the circle. The area of the quadrilateral PQOR (in  $cm^2$ ) is:

- Ans**
- ☒ 1. 76
  - ☒ 2. 80
  - ☒ 3. 50
  - ☒ 4. 60

Question ID : 6549786081  
Status : Answered  
Chosen Option : 4

**Q.12** If O is the centroid and RP is the median with length 24 cm of  $\Delta RST$ , where P is a point on ST, then the value of RO is:

- Ans**
- ☒ 1. 16 cm
  - ☒ 2. 14 cm
  - ☒ 3. 20 cm
  - ☒ 4. 18 cm

Question ID : 6549788304  
Status : Answered  
Chosen Option : 1

**Q.13** If  $a^2 + b^2 + c^2 + 48 = 8(a + b + c)$ , then what is the value of  $\sqrt[3]{a^3 - b^3 + c^3}$  ?

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

Question ID : 6549786086  
Status : Answered  
Chosen Option : 4

**Q.14** Two numbers are in the ratio of 7 : 4. If each number is increased by 12, then the ratio becomes 3 : 2. The sum of the numbers is:

- Ans**
- ☒ 1. 66
  - ☒ 2. 68
  - ☒ 3. 56
  - ☒ 4. 60

Question ID : 6549788300  
Status : Answered  
Chosen Option : 1

**Q.15** If  $3x + 5y = 14$  and  $xy = 6$ , then what is the value of  $9x^2 + 25y^2$ ?

- Ans**
- ☐ 1. 14
  - ☐ 2. 182
  - ☐ 3. 20
  - ☒ 4. 16

Question ID : **6549788306**  
Status : **Answered**  
Chosen Option : **4**

**Q.16** When an article is sold for ₹438, there is a loss of 27%. To gain 23%, it should be sold for ₹  $x$ . What is the value of  $x$ ?

- Ans**
- ☐ 1. ₹678
  - ☐ 2. ₹600
  - ☒ 3. ₹738
  - ☐ 4. ₹837

Question ID : **6549786077**  
Status : **Answered**  
Chosen Option : **3**

**Q.17** A bus covered 360 km in 6 hours. If it travels at one-fourth of its usual speed, then how much more time will it take to cover the same distance?

- Ans**
- ☒ 1. 18 hours
  - ☐ 2. 12 hours
  - ☐ 3. 14 hours
  - ☐ 4. 16 hours

Question ID : **6549788294**  
Status : **Answered**  
Chosen Option : **1**

**Q.18** The difference between the simple interest on a fixed amount for 7 years and on the same amount for 12 years is ₹2,500. If the rate of interest is 10% p.a., then the amount is:

- Ans**
- ☐ 1. ₹6,000
  - ☐ 2. ₹4,500
  - ☐ 3. ₹5,500
  - ☒ 4. ₹5,000

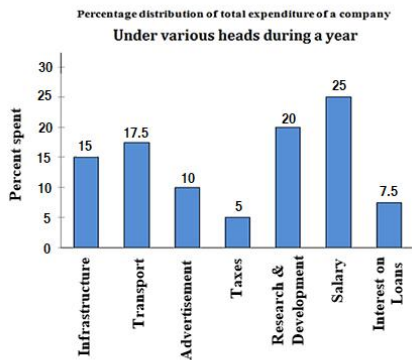
Question ID : **6549788301**  
Status : **Answered**  
Chosen Option : **4**

**Q.19** The marked price of an article is ₹660. A shopkeeper allows a discount of 20% and still gets a profit of 10%. If he sells it for ₹470, his profit or loss per cent, correct to two decimal places will be:

- Ans**
- ☒ 1. Profit 3.06%
  - ☒ 2. Loss 2.08%
  - ☒ 3. Profit 7.59%
  - ☒ 4. Loss 5.43%

Question ID : **6549786075**  
Status : **Answered**  
Chosen Option : **2**

**Q.20** Study the given graph and answer the question that follows.



If the Interest on Loans amounted to ₹4.50 crores, then the total expenditure on Advertisement, Taxes, Research & Development and Salary is:

- Ans**
- ☒ 1. ₹30 crores
  - ☒ 2. ₹36 crores
  - ☒ 3. ₹34 crores
  - ☒ 4. ₹32 crores

Question ID : **6549788317**  
Status : **Answered**  
Chosen Option : **2**

**Q.21** A batsman in his 13<sup>th</sup> inning makes a score of 97 runs, thereby increasing his average score by 5. What is his average score after the 13<sup>th</sup> inning?

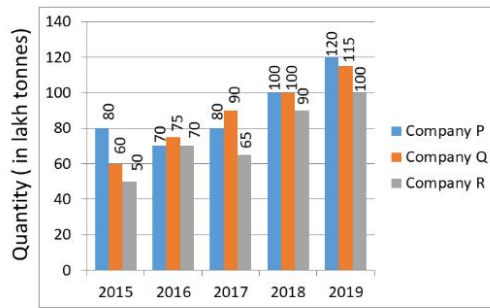
- Ans**
- ☒ 1. 37
  - ☒ 2. 57
  - ☒ 3. 77
  - ☒ 4. 67

Question ID : **6549788296**  
Status : **Answered**  
Chosen Option : **1**



**Q.22** Study the given bar graph and answer the question that follows.

The bar graph indicates the production of sugar (in lakh tonnes) by three different sugar companies P, Q and R over the years 2015 to 2019.



By what percentage is the total production of sugar by company P from the year 2015 to 2019 more than the total production of sugar by company R from the year 2015 to 2019?

- Ans**
- ☒ 1. 18.5%
  - ☒ 2. 15%
  - ☒ 3. 18%
  - ☒ 4. 20%

Question ID : **6549787205**

Status : **Answered**

Chosen Option : **4**

**Q.23** X can complete half of the work in 20 days and Y can do one-fifth of the same work in 10 days. X started the work and left after 8 days. Then Y took over to complete the remaining work. The total number of days taken by them to complete the work is:

- Ans**
- ☒ 1. 48 days
  - ☒ 2. 40 days
  - ☒ 3. 60 days
  - ☒ 4. 50 days

Question ID : **6549786071**

Status : **Answered**

Chosen Option : **1**

**Q.24** The value of  $\frac{\sec\theta \operatorname{cosec}\theta}{2+\tan^2\theta+\cot^2\theta}$  is equal to:

- Ans**
- ☒ 1.  $\sec\theta \operatorname{cosec}\theta$
  - ☒ 2.  $\sin\theta \cos\theta$
  - ☒ 3.  $\cos\theta \operatorname{cosec}\theta$
  - ☒ 4.  $\sec\theta \sin\theta$





Question ID : **6549786089**

Status : **Answered**

Chosen Option : **2**

**Q.25** Mohan's income is 40% more than Shyam's income. Shyam's income is what percentage less than Mohan's income?

Ans

-  1.  $28\frac{5}{7}\%$
-  2.  $28\frac{3}{7}\%$
-  3.  $28\frac{4}{7}\%$
-  4.  $28\frac{2}{7}\%$

Question ID : **6549788298**  
Status : **Answered**  
Chosen Option : **3**

Section : **General Awareness**

**Q.1** Who was the Nawab of Bhopal that ruled from 1868 to 1901?



Ans

-  1. Begum Sajida Sultan
-  2. Sikander Jahan Begum
-  3. Shah Jahan Begum
-  4. Sultan Kaikhusrau Jahan Begum

Question ID : **6549786112**  
Status : **Not Answered**  
Chosen Option : --

**Q.2** What does LED stand for?

Ans

-  1. Light Emitting Decorder
-  2. Light Emitting Diode
-  3. Light Energy Device
-  4. Light Efficient Device

Question ID : **6549786105**  
Status : **Answered**  
Chosen Option : **2**

**Q.3** Where in a computer would you use a 'joystick' for computer games and assistive technology?

Ans

-  1. Storage space
-  2. Mail merge
-  3. Increase memory
-  4. Cursor control

Question ID : **6549788318**  
Status : **Answered**  
Chosen Option : **4**

**Q.4 Who is the author of the book 'Poskem'?**

- Ans**
- ☒ 1. Wendell Rodricks
  - ☐ 2. Manish Malhotra
  - ☐ 3. Rohit Bal
  - ☐ 4. Sabyasachi Mukherjee

Question ID : **6549788337**  
Status : **Not Answered**  
Chosen Option : --

**Q.5 भारत में हमें जारवा और ओन्नो जनजातियां कहां मिल सकती हैं?**

- Ans**
- ☐ 1. छत्तीसगढ़
  - ☐ 2. अरुणाचल प्रदेश
  - ☐ 3. दमन और दीव
  - ☒ 4. अंडमान एवं निकोबार द्वीप समूह

Question ID : **6549788333**  
Status : **Not Answered**  
Chosen Option : --

**Q.6 Which Indian chess player won the Cairns Cup chess tournament 2020?**

- Ans**
- ☐ 1. Tania Sachdeva
  - ☒ 2. Koneru Humpy
  - ☐ 3. Dronavalli Harika
  - ☐ 4. Padmini Rout

Question ID : **6549788323**  
Status : **Marked For Review**  
Chosen Option : 2

**Q.7 What is the total charge of an electric dipole?**

- Ans**
- ☐ 1. -10
  - ☐ 2. +1
  - ☐ 3. 10
  - ☒ 4. 0

Question ID : **6549786107**  
Status : **Answered**  
Chosen Option : 4

**Q.8 Which one of the following became the first Indian club to qualify for AFC Champions league in 2020?**

- Ans**
- ☒ 1. Kerala Blasters FC
  - ☒ 2. FC Goa
  - ☒ 3. Bengaluru FC
  - ☒ 4. East Bengal FC

Question ID : **6549788340**  
Status : **Not Answered**  
Chosen Option : --

**Q.9 Which river has the tributaries by the name of Mayurakshi, Damodar, Kangsabati and Rupnarayan?**

- Ans**
- ☒ 1. Brahmaputra
  - ☒ 2. Yamuna
  - ☒ 3. Godavari
  - ☒ 4. Hooghly

Question ID : **6549788332**  
Status : **Answered**  
Chosen Option : **3**

**Q.10 In the state of \_\_\_\_\_, the general direction of the Himalayas is from southwest to northeast.**

- Ans**
- ☒ 1. Nagaland
  - ☒ 2. Mizoram
  - ☒ 3. Arunachal Pradesh
  - ☒ 4. Manipur

Question ID : **6549786109**  
Status : **Not Answered**  
Chosen Option : --

**Q.11 Which one of the following is NOT a viral disease?**

- Ans**
- ☒ 1. Smallpox
  - ☒ 2. Rabies
  - ☒ 3. Measles
  - ☒ 4. Leprosy

Question ID : **6549788328**  
Status : **Answered**  
Chosen Option : **4**

**Q.12** According to 'World Language Database Ethnologue-2019', brought out in February 2020, which Indian language is the third most spoken language of the world in 2019?

- Ans
- ☒ 1. Telegu
  - ☐ 2. Hindi
  - ☐ 3. Tamil
  - ☐ 4. Punjabi

Question ID : **6549788322**  
Status : **Answered**  
Chosen Option : **2**

**Q.13** With which of the following literary magazines was poet and writer Amrita Pritam associated?

- Ans
- ☒ 1. Shabad
  - ☐ 2. Nagmani
  - ☐ 3. Preetlari
  - ☐ 4. Awaaz

Question ID : **6549786114**  
Status : **Not Answered**  
Chosen Option : --

**Q.14** 'एरावला, कादर, मुदुवर' मुख्य रूप से \_\_\_\_\_ राज्य में जनजातियों द्वारा बोली जाने वाली भाषाएं हैं।

- Ans
- ☒ 1. महाराष्ट्र
  - ☐ 2. तमिलनाडु
  - ☐ 3. केरल
  - ☐ 4. कर्नाटक

Question ID : **6549788320**  
Status : **Not Answered**  
Chosen Option : --

**Q.15** Which of the following does the Special Marriage Act 1954 NOT support?

- Ans
- ☒ 1. Strict endogamy
  - ☐ 2. Inter-faith marriage
  - ☐ 3. Communal harmony
  - ☐ 4. Inter-caste marriage

Question ID : **6549786117**  
Status : **Answered**  
Chosen Option : **1**

**Q.16 Which state in India has the highest number of Districts?**

- Ans**
- ☒ 1. Rajasthan
  - ☒ 2. Uttar Pradesh
  - ☒ 3. Madhya Pradesh
  - ☒ 4. Tamil Nadu

Question ID : **6549788338**  
Status : **Answered**  
Chosen Option : **2**

**Q.17 What is India's rank according to the 'Human Development report 2020' released by the United Nations Development Programme?**

- Ans**
- ☒ 1. 154
  - ☒ 2. 145
  - ☒ 3. 85
  - ☒ 4. 131

Question ID : **6549786102**  
Status : **Answered**  
Chosen Option : **4**

**Q.18 In which of the following years did the Government of India set up the Monetary Policy Committee?**

- Ans**
- ☒ 1. 2016
  - ☒ 2. 2010
  - ☒ 3. 2008
  - ☒ 4. 2019

Question ID : **6549786104**  
Status : **Answered**  
Chosen Option : **2**

**Q.19 Which of the following is a part of the central processing unit of a computer?**

- Ans**
- ☒ 1. Memory registers
  - ☒ 2. Scanner
  - ☒ 3. Joystick
  - ☒ 4. Mouse

Question ID : **6549786097**  
Status : **Answered**  
Chosen Option : **1**

**Q.20 Which player from Pakistan is credited with 10 British Open titles and six World Championship crowns in professional squash?**

- Ans**
- ☒ 1. Jahangir Khan
  - ☐ 2. Hashim Khan
  - ☐ 3. Farhan Zaman
  - ☐ 4. Azam Khan

Question ID : **6549788342**  
Status : **Not Answered**  
Chosen Option : --

**Q.21 Which bank got the 'Best Bank in Innovation' award at Business Today -Money Today Financial Awards 2020?**

- Ans**
- ☐ 1. State Bank of India
  - ☐ 2. Bank of Baroda
  - ☐ 3. HDFC Bank
  - ☒ 4. ICICI Bank

Question ID : **6549788325**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : --

**Q.22 Which modern-day Indian state was created on 1 April 1937 as the United Provinces by the Britishers?**

- Ans**
- ☐ 1. Madhya Pradesh
  - ☒ 2. Uttar Pradesh
  - ☐ 3. Andhra Pradesh
  - ☐ 4. Arunachal Pradesh

Question ID : **6549788335**  
Status : **Not Answered**  
Chosen Option : --

**Q.23 Which of the following islands is/are located in the Bay of Bengal?**

- Ans**
- ☐ 1. Minicoy
  - ☐ 2. Meeru
  - ☐ 3. Diu
  - ☒ 4. Andaman and Nicobar

Question ID : **6549786108**  
Status : **Answered**  
Chosen Option : **4**

**Q.24 Who among the following was the founder of the Kirana Gharana of classical music?**

- Ans**
-  1. Pran Nath
  -  2. Bade Ghulam Ali Khan
  -  3. Abdul Karim Khan
  -  4. Imdad Khan

Question ID : **6549786099**

Status : **Not Answered**

Chosen Option : --

**Q.25 Which of the following schools in Shillong is the first Khelo India Sports school in North-East India?**

- Ans**
-  1. Mawroh Government LP School
  -  2. Army Public School
  -  3. Government Boys Higher Secondary School
  -  4. Assam Rifles Public School

Question ID : **6549786119**

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

Chosen Option : --