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Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	
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 **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. BACD

✗ 2. BCDA

✓ 3. BDAC

✗ 4. BCAD

Question ID : **6549788252**
Status : **Answered**
Chosen Option : **4**

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

Ans

✗ 1. allowance

✗ 2. existence

✓ 3. acceptence

✗ 4. forbearance

Question ID : **6549788261**
Status : **Answered**
Chosen Option : **3**

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

Travail

Ans

✗ 1. Journey

✗ 2. Excursion

✓ 3. Agony

✗ 4. Adventure

Question ID : **6549786043**
Status : **Answered**
Chosen Option : **2**

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Q.4 **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. for manage with

✓ 2. to cope with

✗ 3. to service for

✗ 4. to carry on

Question ID : **6549788266**
Status : **Answered**
Chosen Option : **3**

Q.5 **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 was glad she was not leaving her village.

✗ 2. Sarita told me she is glad she had not left her village.

✗ 3. Sarita told me I am glad she had not left her village.

✓ 4. Sarita told me she was glad she had not left her village.

Question ID : **6549788243**
Status : **Answered**
Chosen Option : **4**

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. 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. BCAD

✗ 2. DCBA

✓ 3. BDCA

✗ 4. ACDB

Question ID : **6549786031**
Status : **Answered**
Chosen Option : **1**

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

CORDIAL

Ans

✓ 1. friendly

✗ 2. capable

✗ 3. unwilling

✗ 4. hostile

Question ID : **6549788264**
Status : **Answered**
Chosen Option : **1**

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Q.8 **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. sustenance

✘ 2. maintenance

✘ 3. nourishment

✘ 4. nutrition

Question ID : **6549786045**
Status : **Answered**
Chosen Option : **1**

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

Off and on

Ans

✘ 1. again and again

✘ 2. every day

✔ 3. sometimes but not regularly

✘ 4. not soon

Question ID : **6549788258**
Status : **Answered**
Chosen Option : **3**

Q.10 **Select the most appropriate meaning of the given idiom.**

Hang on every word

Ans

✘ 1. Speak very slowly

✔ 2. Listen very carefully

✘ 3. Stop after hearing one word

✘ 4. Stammer while speaking

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

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

ABUNDANCE

Ans

✘ 1. gaiety

✔ 2. scarcity

✘ 3. bounty

✘ 4. generosity

Question ID : **6549788256**
Status : **Answered**
Chosen Option : **2**

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Q.12 **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. There is constant friction
- ✗ 2. No error
- ✓ 3. between the executive members
- ✗ 4. of the Association

Question ID : **6549786023**
Status : **Answered**
Chosen Option : **1**

Q.13 **Select the most appropriate ANTONYM of the given word.**

Exclusive

Ans
- ✗ 1. Expansive
- ✓ 2. Inclusive
- ✗ 3. Incisive
- ✗ 4. Extensive

Question ID : **6549786035**
Status : **Answered**
Chosen Option : **2**

Q.14 **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. only about winning
- ✗ 2. according to
- ✗ 3. must play
- ✓ 4. Each players

Question ID : **6549788244**
Status : **Answered**
Chosen Option : **4**

Q.15 **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 <u>tries</u> to dictate your terms, I don't think we can work together.

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

Question ID : **6549788255**
Status : **Answered**
Chosen Option : **3**

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

Ans

✗ 1. Subtle

✗ 2. Doubtful

✓ 3. Desscent

✗ 4. Knead

Question ID : **6549786038**
Status : **Answered**
Chosen Option : **3**

Q.17 **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 had been delivered at the address given by Arvind.

✗ 2. The packet was being delivered by Arvind at the address given by Asha.

✓ 3. The packet was delivered by Arvind at the address given by Asha.

✗ 4. Asha delivered the packet at the address given by Arvind.

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

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

Certain to happen

Ans

✗ 1. Ineffective

✓ 2. Inevitable

✗ 3. Unexpected

✗ 4. Avoidable

Question ID : **6549786040**
Status : **Answered**
Chosen Option : **2**

Q.19 **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'.**

<u>Most of us</u> hesitate to accept our mistakes.

Ans

✓ 1. No substitution required

✗ 2. More of us

✗ 3. Much of us

✗ 4. Lots many of us

Question ID : **6549786032**
Status : **Answered**
Chosen Option : **1**

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Q.20 **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. contemporaries
4. inhabitants

Question ID : **6549788263**
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. the
2. little
3. a
4. limited

Question ID : **6549786025**
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 : 22

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

Ans

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

Question ID : **6549786026**
Status : **Answered**
Chosen Option : **1**

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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. concise

✗ 3. long

✗ 4. lengthy

Question ID : **6549786027**
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 : 24

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

Ans

✗ 1. slight

✗ 2. fused

✓ 3. complex

✗ 4. compound

Question ID : **6549786028**
Status : **Answered**
Chosen Option : **3**

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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. balanced

✗ 2. melodious

✗ 3. harmonious

✓ 4. dramatic

Question ID : **6549786029**
Status : **Answered**
Chosen Option : **4**

Section : **General Intelligence**

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

PAINTER : AEINPRT : : GLAMOUR : ?

Ans

✗ 1. MALGRUO

✗ 2. ALGOMRU

✓ 3. AGLMORU

✗ 4. RUOMALG

Question ID : **6549786056**
Status : **Answered**
Chosen Option : **3**

Q.2 Select the option that is related to the third word in the same way as the second word is related to the first word.

Outright : Complete : : Rampant : ?

Ans

✗ 1. Growth

✗ 2. Imperfect

✓ 3. Unchecked

✗ 4. Usual

Question ID : **6549786057**
Status : **Answered**
Chosen Option : **4**

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Q.3 **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. 252 ✗
2. 552 ✗
3. 255 ✓
4. 525 ✗

Question ID : **6549788270**
Status : **Answered**
Chosen Option : **3**

Q.4 **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. Niece ✗
2. Sister ✗
3. Aunt ✗
4. Cousin ✓

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

Q.5 **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.**

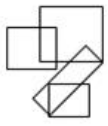
Resistance : Ohm

Ans
1. Ampere : Current ✗
2. Angle : Radians ✓
3. Pressure : Watt ✗
4. Volume : Joule ✗

Question ID : **6549788282**
Status : **Answered**
Chosen Option : **2**

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Q.6 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.7 **Which two digits and signs need to be interchanged so as to balance the given equation?**

26 ÷ 6 − 54 + 24 × 8 = 174

Ans

✓ 1. 8 and 6; × and ÷

✗ 2. 4 and 2; + and ÷

✗ 3. 6 and 4; − and ×

✗ 4. 5 and 8; × and +

Question ID : **6549786047**
Status : **Answered**
Chosen Option : **1**

Q.8 **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. Growl

✓ 2. Waddle

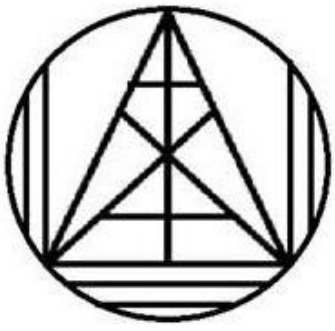
✗ 3. Grunt

✗ 4. Bleat

Question ID : **6549786062**
Status : **Answered**
Chosen Option : **4**

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Q.9 Find the number of triangles in the following figure.



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

Question ID : **6549788288**
Status : **Answered**
Chosen Option : **3**

Q.10 **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. 295
2. 224
3. 150
4. 250

Question ID : **6549788268**
Status : **Answered**
Chosen Option : **2**

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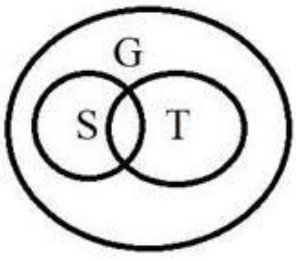
Q.11 Read the below statements disregarding commonly known facts and then from the given four options, identify the Venn diagram that correctly represents the statements.

Statements:

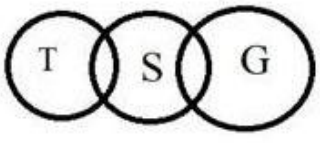
Some Shirts are Towels.
Some Towels are Gloves.

Ans

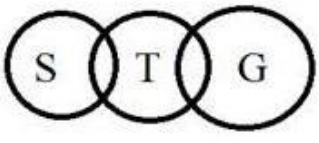
✗ 1.



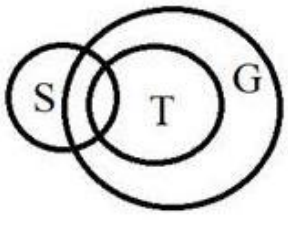
✗ 2.



✓ 3.



✗ 4.



Question ID : **6549788292**
Status : **Answered**
Chosen Option : **3**

Q.12 **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. 61

✗ 2. 67

✗ 3. 69

✗ 4. 63

Question ID : **6549786051**
Status : **Answered**
Chosen Option : **1**

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Q.13 **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. Neither conclusion I nor II follows.

✗ 2. Only conclusion I follows.

✓ 3. Only conclusion II follows.

✗ 4. Both conclusions I and II follow.

Question ID : **6549786063**
Status : **Answered**
Chosen Option : **3**

Q.14 **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, 3, 1, 2, 4

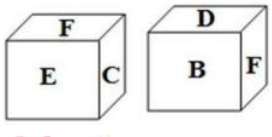
✓ 2. 5, 3, 2, 1, 4

✗ 3. 5, 2, 1, 3, 4

✗ 4. 5, 2, 3, 1, 4

Question ID : **6549788275**
Status : **Answered**
Chosen Option : **2**

Q.15 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. D

✗ 3. F

✓ 4. B

Question ID : **6549788286**
Status : **Answered**
Chosen Option : **4**

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Q.16 **Three of the following number-pairs are alike in a certain way and one is different. Select the odd one.**

Ans

✗ 1. 271 : 15

✓ 2. 398 : 18

✗ 3. 181 : 12

✗ 4. 305 : 16

Question ID : **6549788274**
Status : **Not Answered**
Chosen Option : **--**

Q.17 **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. (832, 8, 887)

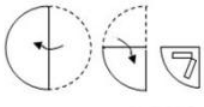
✗ 2. (747, 25, 1423)

✗ 3. (651, 16, 940)

✓ 4. (541, 14, 737)

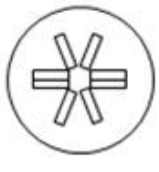
Question ID : **6549788272**
Status : **Answered**
Chosen Option : **4**

Q.18 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 : **1**

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Q.19 **In a certain code language, PROMISE is written as WXTQLUF. How will MELTING be written in that language?**

Ans

✗ 1. TLSAPUN

✗ 2. SJPWKOG

✗ 3. SKRZOTM

✓ 4. TKQXLPH

Question ID : **6549786054**
Status : **Answered**
Chosen Option : **4**

Q.20 **If CALENDAR is coded as 91452313 and FACEMASK is coded as 210142316, then how will SECURITY be coded as?**

Ans

✗ 1. 723593120

✗ 2. 729952310

✗ 3. 723933210

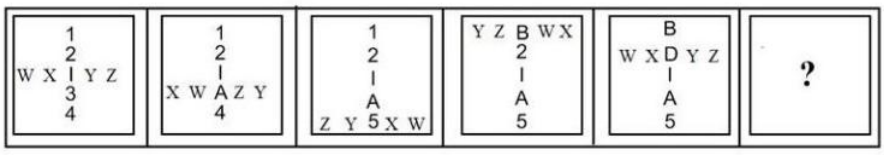
✓ 4. 723953210

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

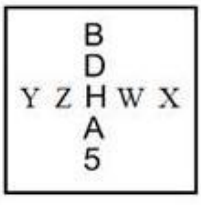
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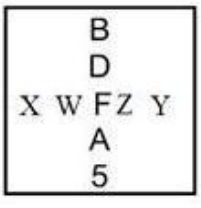
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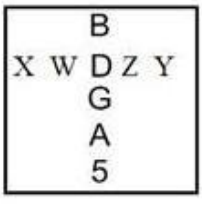
Q.21 Select the figure that can replace the question mark (?) in the following figure series.

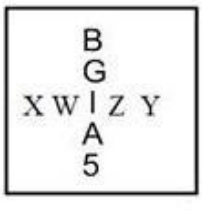


Ans

1. 

2. 

3. 

4. 

Question ID : **6549788287**
Status : **Not Answered**
Chosen Option : **--**

Q.22 **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 T T Y N Z
2. M N K T Y K Z
3. M O T Y K M Z
4. M O K T Y M Z

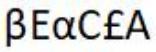
Question ID : **6549787472**
Status : **Answered**
Chosen Option : **4**

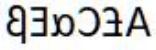
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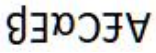
Q.23 Select the correct mirror image of the given figure when the mirror is placed at the right side.

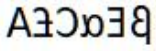


Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **6549786069**
Status : **Answered**
Chosen Option : **2**

Q.24 **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. 13 : 26 : 104

✗ 3. 36 : 108 : 324

✗ 4. 18 : 126 : 253

Question ID : **6549786049**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **Three of the following four letter-clusters are alike in a certain way and one is different. Select the odd one.**

Ans

✗ 1. IDWHU

✗ 2. UPITG

✓ 3. EZSFV

✗ 4. CXQBO

Question ID : **6549788283**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 If $x^4 + x^{-4} = 47$, $x > 0$, then the value of $(2x - 3)^2$ is:

Ans

✗ 1. 9

✗ 2. 3

✓ 3. 5

✗ 4. 7

Question ID : **6549786085**
Status : **Answered**
Chosen Option : **3**

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Q.2 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. $\sec\theta \sin\theta$

✓ 3. $\sin\theta \cos\theta$

✗ 4. $\cos\theta \operatorname{cosec}\theta$

Question ID : **6549786089**
Status : **Answered**
Chosen Option : **3**

Q.3 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. 15 cm

✗ 3. 12 cm

✗ 4. 18 cm

Question ID : **6549788302**
Status : **Answered**
Chosen Option : **2**

Q.4 If O is the centroid and RP is the median with length 24 cm of ΔRST, where P is a point on ST, then the value of RO is:

Ans

✗ 1. 18 cm

✗ 2. 14 cm

✗ 3. 20 cm

✓ 4. 16 cm

Question ID : **6549788304**
Status : **Answered**
Chosen Option : **4**

Q.5 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. ₹600

✗ 2. ₹837

✗ 3. ₹678

✓ 4. ₹738

Question ID : **6549786077**
Status : **Answered**
Chosen Option : **4**

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Q.6 How many bricks each measuring 64 cm × 11.25 cm × 6 cm, will be needed to build a wall measuring 8 m × 3 m × 22.5 m?

Ans

1. 200000
2. 250000
3. 67500
4. 125000

Question ID : **6549786073**
Status : **Answered**
Chosen Option : **4**

Q.7 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

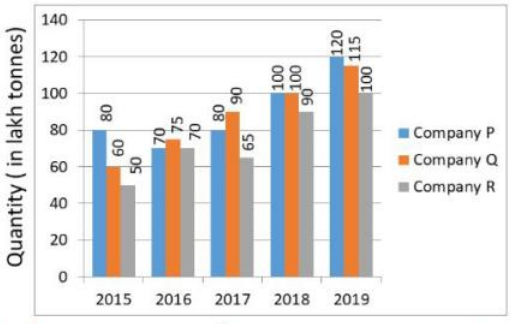
1. 2 : 5
2. 5 : 2
3. 4 : 3
4. 3 : 4

Question ID : **6549786092**
Status : **Answered**
Chosen Option : **3**

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Q.8 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%

✗ 2. 18.5%

✓ 3. 20%

✗ 4. 15%

Question ID : **6549787205**
Status : **Answered**
Chosen Option : **3**

Q.9 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. 6

✓ 2. 4

✗ 3. 3

✗ 4. 2

Question ID : **6549786086**
Status : **Answered**
Chosen Option : **2**

Q.10 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. ₹5,000

✗ 3. ₹4,500

✗ 4. ₹5,500

Question ID : **6549788301**
Status : **Answered**
Chosen Option : **2**

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Q.11 If $3\sin^2 A + 4\cos^2 A - 3 = 0$, then the value of $\cot A$ (where $0 \le A \le 90°$) is:

Ans

✗ 1. ∞

✓ 2. 0

✗ 3. 1

✗ 4. not defined

Question ID : **6549788312**
Status : **Answered**
Chosen Option : **4**

Q.12 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. 14 hours

✗ 3. 12 hours

✗ 4. 16 hours

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

Q.13 Mohan's income is 40% more than Shyam's income. Shyam's income is what percentage less than Mohan's income?

Ans

✗ 1. $28\frac{2}{7}\%$

✗ 2. $28\frac{5}{7}\%$

✗ 3. $28\frac{3}{7}\%$

✓ 4. $28\frac{4}{7}\%$

Question ID : **6549788298**
Status : **Answered**
Chosen Option : **4**

Q.14 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. 50

✗ 2. 76

✗ 3. 80

✓ 4. 60

Question ID : **6549786081**
Status : **Answered**
Chosen Option : **4**

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Q.15 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. 60 days

✗ 2. 40 days

✗ 3. 50 days

✓ 4. 48 days

Question ID : **6549786071**
Status : **Answered**
Chosen Option : **4**

Q.16 If $3x + 5y = 14$ and $xy = 6$, then what is the value of $9x^2 + 25y^2$?

Ans

✓ 1. 16

✗ 2. 14

✗ 3. 20

✗ 4. 182

Question ID : **6549788306**
Status : **Answered**
Chosen Option : **1**

Q.17 A batsman in his 13^{th} inning makes a score of 97 runs, thereby increasing his average score by 5. What is his average score after the 13^{th} inning?

Ans

✓ 1. 37

✗ 2. 77

✗ 3. 67

✗ 4. 57

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

Q.18 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. 60

✓ 2. 66

✗ 3. 68

✗ 4. 56

Question ID : **6549788300**
Status : **Answered**
Chosen Option : **2**

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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 5.43%

✗ 3. Profit 7.59%

✓ 4. Loss 2.08%

Question ID : **6549786075**
Status : **Answered**
Chosen Option : **4**

Q.20 If $\Delta ABC \sim \Delta QPR$, $\frac{ar(\Delta ABC)}{ar(\Delta PQR)} = \frac{4}{9}$, $AC = 12\ cm, AB = 18\ cm$ and $BC = 10\ cm$, then PR (in cm) is equal to:

Ans

✗ 1. 8

✗ 2. 10

✓ 3. 15

✗ 4. 18

Question ID : **6549786083**
Status : **Answered**
Chosen Option : **3**

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

Ans

✗ 1. 3

✗ 2. 2

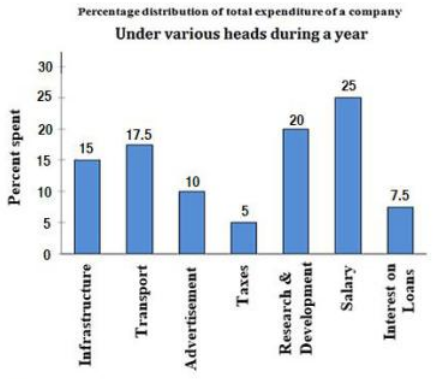
✓ 3. 0

✗ 4. 1

Question ID : **6549786091**
Status : **Answered**
Chosen Option : **3**

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Q.22 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. ₹34 crores
✗ 2. ₹30 crores
✗ 3. ₹32 crores
✓ 4. ₹36 crores

Question ID : **6549788317**
Status : **Answered**
Chosen Option : **4**

Q.23 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. 4
✗ 2. 3
✗ 3. 6
✗ 4. 2

Question ID : **6549786088**
Status : **Answered**
Chosen Option : **1**

Q.24 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?

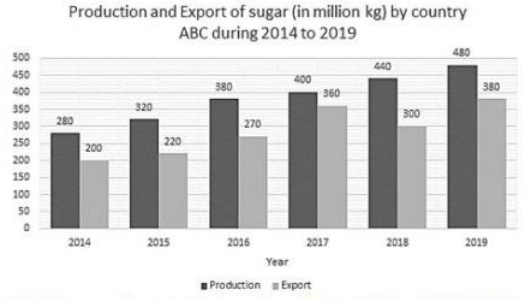
Ans

✗ 1. 14
✗ 2. 13
✓ 3. 17
✗ 4. 16

Question ID : **6549788309**
Status : **Not Answered**
Chosen Option : **--**

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Q.25 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. 25.8%
2. 29%
3. 22.5%
4. 20%

Question ID : **6549788012**
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

Q.1 **With which of the following literary magazines was poet and writer Amrita Pritam associated?**

Ans

1. Shabad
2. Nagmani
3. Awaaz
4. Preetlari

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

Q.2 **'Eravalla, Kadar, Muduvar ' are languages spoken by the tribes primarily in the state of _____.**

Ans

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

Question ID : **6549788320**
Status : **Answered**
Chosen Option : **1**

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Q.3 **Who among the following was the founder of the Kirana Gharana of classical music?**

Ans

✔ 1. Abdul Karim Khan

✘ 2. Pran Nath

✘ 3. Imdad Khan

✘ 4. Bade Ghulam Ali Khan

Question ID : **6549786099**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **Where in a computer would you use a 'joystick' for computer games and assistive technology?**

Ans

✘ 1. Mail merge

✔ 2. Cursor control

✘ 3. Increase memory

✘ 4. Storage space

Question ID : **6549788318**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **Which one of the following became the first Indian club to qualify for AFC Champions league in 2020?**

Ans

✘ 1. Bengaluru FC

✘ 2. Kerala Blasters FC

✔ 3. FC Goa

✘ 4. East Bengal FC

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

Q.6 **Which player from Pakistan is credited with 10 British Open titles and six World Championship crowns in professional squash?**

Ans

✔ 1. Jahangir Khan

✘ 2. Azam Khan

✘ 3. Hashim Khan

✘ 4. Farhan Zaman

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

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Q.7 **Which modern-day Indian state was created on 1 April 1937 as the United Provinces by the Britishers?**

Ans
1. Andhra Pradesh
2. Arunachal Pradesh
3. Uttar Pradesh ✓
4. Madhya Pradesh

Question ID : **6549788335**
Status : **Answered**
Chosen Option : **3**

Q.8 **In the state of _____, the general direction of the Himalayas is from southwest to northeast.**

Ans
1. Manipur
2. Nagaland
3. Mizoram
4. Arunachal Pradesh ✓

Question ID : **6549786109**
Status : **Answered**
Chosen Option : **4**

Q.9 **What is India's rank according to the 'Human Development report 2020' released by the United Nations Development Programme?**

Ans
1. 145
2. 154
3. 85
4. 131 ✓

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

Q.10 **In which of the following years did the Government of India set up the Monetary Policy Committee?**

Ans
1. 2008
2. 2019
3. 2010
4. 2016 ✓

Question ID : **6549786104**
Status : **Answered**
Chosen Option : **1**

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Q.11 What is the total charge of an electric dipole?

Ans
- ✗ 1. −10
- ✗ 2. +1
- ✓ 3. 0
- ✗ 4. 10

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

Q.12 Which state in India has the highest number of Districts?

Ans
- ✓ 1. Uttar Pradesh
- ✗ 2. Tamil Nadu
- ✗ 3. Madhya Pradesh
- ✗ 4. Rajasthan

Question ID : **6549788338**
Status : **Answered**
Chosen Option : **1**

Q.13 Which river has the tributaries by the name of Mayurakshi, Damodar, Kangsabati and Rupnarayan?

Ans
- ✗ 1. Godavari
- ✗ 2. Yamuna
- ✓ 3. Hooghly
- ✗ 4. Brahmaputra

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

Q.14 Who was the Nawab of Bhopal that ruled from 1868 to 1901?

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

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

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Q.15 Who is the author of the book 'Poskem'?

Ans
- ✗ 1. Rohit Bal
- ✗ 2. Manish Malhotra
- ✗ 3. Sabyasachi Mukherjee
- ✓ 4. Wendell Rodricks

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

Q.16 Which bank got the 'Best Bank in Innovation' award at Business Today -Money Today Financial Awards 2020?

Ans
- ✗ 1. Bank of Baroda
- ✗ 2. State Bank of India
- ✓ 3. ICICI Bank
- ✗ 4. HDFC Bank

Question ID : **6549788325**
Status : **Answered**
Chosen Option : **4**

Q.17 Which of the following does the Special Marriage Act 1954 NOT support?

Ans
- ✗ 1. Inter-caste marriage
- ✓ 2. Strict endogamy
- ✗ 3. Inter-faith marriage
- ✗ 4. Communal harmony

Question ID : **6549786117**
Status : **Answered**
Chosen Option : **2**

Q.18 Which one of the following is NOT a viral disease?

Ans
- ✓ 1. Leprosy
- ✗ 2. Rabies
- ✗ 3. Smallpox
- ✗ 4. Measles

Question ID : **6549788328**
Status : **Answered**
Chosen Option : **1**

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Q.19 **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. Assam Rifles Public School

✗ 3. Army Public School

✗ 4. Government Boys Higher Secondary School

Question ID : **6549786119**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **What does LED stand for?**

Ans

✓ 1. Light Emitting Diode

✗ 2. Light Energy Device

✗ 3. Light Efficient Device

✗ 4. Light Emitting Decorder

Question ID : **6549786105**
Status : **Answered**
Chosen Option : **1**

Q.21 **Where in India can we find the Jarawa and the Onge tribes?**

Ans

✗ 1. Daman and Diu

✓ 2. Andaman and Nicobar Islands

✗ 3. Chhattisgarh

✗ 4. Arunachal Pradesh

Question ID : **6549788333**
Status : **Answered**
Chosen Option : **3**

Q.22 **Which Indian chess player won the Cairns Cup chess tournament 2020?**

Ans

✗ 1. Padmini Rout

✗ 2. Dronavalli Harika

✓ 3. Koneru Humpy

✗ 4. Tania Sachdeva

Question ID : **6549788323**
Status : **Not Answered**
Chosen Option : **--**

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

Ans

✗ 1. Meeru

✗ 2. Minicoy

✗ 3. Diu

✓ 4. Andaman and Nicobar

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

Q.24 **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. Hindi

✗ 2. Punjabi

✗ 3. Tamil

✗ 4. Telegu

Question ID : **6549788322**
Status : **Answered**
Chosen Option : **1**

Q.25 **Which of the following is a part of the central processing unit of a computer?**

Ans

✗ 1. Mouse

✗ 2. Scanner

✓ 3. Memory registers

✗ 4. Joystick

Question ID : **6549786097**
Status : **Not Answered**
Chosen Option : **--**

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