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Combined Higher Secondary Level Examination 2020 (Tier-I)

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

Section : **English Language**

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

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

Ans

✗ 1. answer

✗ 2. reply

✗ 3. enjoy

✓ 4. like

Question ID : **6549787761**
Status : **Answered**
Chosen Option : **4**

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

The branch of physics concerned with the properties of sound

Ans

✗ 1. Optics

✗ 2. Photonics

✗ 3. Mechanics

✓ 4. Acoustics

Question ID : **6549786343**
Status : **Answered**
Chosen Option : **2**

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

His voice was _____ by the sound of the helicopter.

Ans

✗ 1. driven

✗ 2. drawn

✗ 3. dawned

✓ 4. drowned

Question ID : **6549786348**
Status : **Answered**
Chosen Option : **1**

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Q.4 **Select the INCORRECTLY spelt word.**

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

Question ID : **6549787756**
Status : **Answered**
Chosen Option : **2**

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

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

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

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

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

To have eggs on one's face

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

Question ID : **6549787753**
Status : **Answered**
Chosen Option : **1**

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

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

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

Question ID : **6549786323**
Status : **Answered**
Chosen Option : **1**

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

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

Ans

✗ 1. A probe has been ordered

✗ 2. that occurred at the celebrations

✓ 3. by the incident

✗ 4. No error

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

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

Disheveled

Ans

✗ 1. Untidy

✗ 2. Cluttered

✓ 3. Ordered

✗ 4. Unkempt

Question ID : **6549786338**
Status : **Answered**
Chosen Option : **3**

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

Despicable

Ans

✗ 1. Commendable

✗ 2. Laudable

✓ 3. Contemptible

✗ 4. Desirable

Question ID : **6549786346**
Status : **Answered**
Chosen Option : **3**

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

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

Ans

✗ 1. No substitution required

✓ 2. a nasal vaccine

✗ 3. an aural vaccine

✗ 4. a sense-based vaccine

Question ID : **6549787750**
Status : **Answered**
Chosen Option : **2**

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

A new project or business activity involving some risk

Ans

✗ 1. Entrepreneur

✓ 2. Venture (n)

✗ 3. Experiment

✗ 4. Taboo

Question ID : **6549787758**
Status : **Answered**
Chosen Option : **1**

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

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

Ans

✗ 1. No substitution required

✓ 2. had grown quite tall

✗ 3. had grow quite taller

✗ 4. had grown quite tallest

Question ID : **6549786335**
Status : **Answered**
Chosen Option : **2**

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

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

Ans

✗ 1. The sports day events

✓ 2. from 3:30 p.m. and 5:30 p.m.

✗ 3. on Saturday

✗ 4. will be conducted

Question ID : **6549787739**
Status : **Answered**
Chosen Option : **2**

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

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

Ans

✗ 1. The students said to the teacher, "Where can you find the information for our project?"

✓ 2. The students asked the teacher, "Where can we find the information for our project?"

✗ 3. The teacher said to the students, "Where you can find the information for your project."

✗ 4. The teacher said to the students, "I will tell you where you can find the information for your project."

Question ID : **6549787738**
Status : **Answered**
Chosen Option : **2**

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

Ans

✔ 1. Possesions

✘ 2. Irritation

✘ 3. Invitation

✘ 4. Protection

Question ID : **6549786341**
Status : **Answered**
Chosen Option : **1**

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

Forbid

Ans

✘ 1. Close

✔ 2. Prohibit

✘ 3. Adieu

✘ 4. Encourage

Question ID : **6549787759**
Status : **Answered**
Chosen Option : **2**

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

Accustomed

Ans

✘ 1. Terrific

✘ 2. Fabulous

✘ 3. Ordinary

✔ 4. Unusual

Question ID : **6549787751**
Status : **Answered**
Chosen Option : **3**

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

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

Ans

✘ 1. ABCD

✘ 2. DCBA

✔ 3. DBCA

✘ 4. BADC

Question ID : **6549786334**
Status : **Answered**
Chosen Option : **3**

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

Thick as thieves

Ans

✔ 1. Having a close friendship

✘ 2. Being very dishonest

✘ 3. Never helping anyone

✘ 4. Telling lies all the time

Question ID : **6549786340**
Status : **Answered**
Chosen Option : **2**

Comprehension:

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

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

SubQuestion No : 21

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

Ans

✘ 1. bind

✘ 2. bonded

✔ 3. bounded

✘ 4. bounding

Question ID : **6549786328**
Status : **Answered**
Chosen Option : **3**

Comprehension:

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

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

SubQuestion No : 22

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

Ans

✘ 1. near

✘ 2. with

✘ 3. beside

✔ 4. by

Question ID : **6549786329**
Status : **Answered**
Chosen Option : **4**

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Comprehension:

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

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

SubQuestion No : 23

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

Ans

✗ 1. a

✗ 2. one

✗ 3. only

✓ 4. the

Question ID : **6549786330**
Status : **Answered**
Chosen Option : **4**

Comprehension:

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

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

SubQuestion No : 24

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

Ans

✗ 1. withdrawn

✗ 2. standing

✗ 3. removed

✓ 4. detached

Question ID : **6549786331**
Status : **Answered**
Chosen Option : **1**

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Comprehension:

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

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

SubQuestion No : 25

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

Ans

✗ 1. distance

✗ 2. rise

✓ 3. elevation

✗ 4. increase

Question ID : **6549786332**
Status : **Answered**
Chosen Option : **3**

Section : **General Intelligence**

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

Ans

✗ 1. Brother-in-law

✗ 2. Uncle

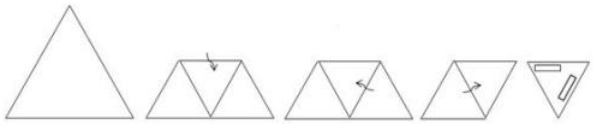
✗ 3. Cousin

✓ 4. Father

Question ID : **6549789774**
Status : **Answered**
Chosen Option : **4**

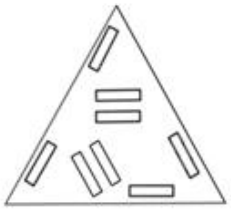
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Q.2 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

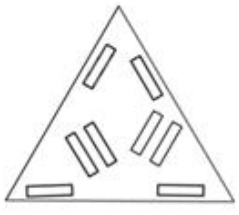


Ans

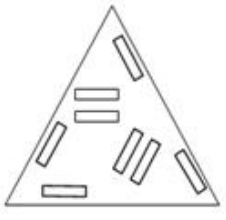
✗ 1.



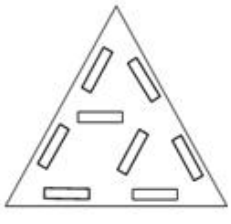
✗ 2.



✓ 3.



✗ 4.



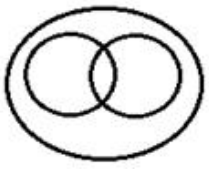
Question ID : **6549786371**
Status : **Answered**
Chosen Option : **1**

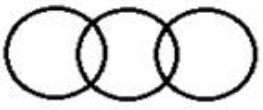
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Q.3 Select the Venn diagram that best represents the relationship between the following classes.

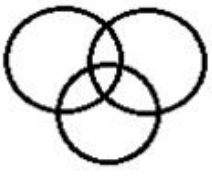
Statisticians, Men, Pathologists

Ans

✗ 1. 

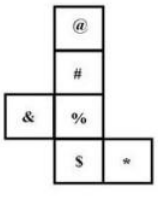
✓ 2. 

✗ 3. 

✗ 4. 

Question ID : **6549787787**
Status : **Answered**
Chosen Option : **1**

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



Ans

✗ 1. *

✗ 2. @

✓ 3. #

✗ 4. &

Question ID : **6549787781**
Status : **Answered**
Chosen Option : **3**

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



Ans

✗ 1. 17

✓ 2. 18

✗ 3. 16

✗ 4. 19

Question ID : **6549787783**
Status : **Answered**
Chosen Option : **4**

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



Ans

✓ 1. 

✗ 2. 

✗ 3. 

✗ 4. 

Question ID : **6549786372**
Status : **Answered**
Chosen Option : **1**

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

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

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

Question ID : **6549787770**
Status : **Answered**
Chosen Option : **4**

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

71, 56, 44, 35, 29, ?

Ans
✓ 1. 26
✗ 2. 20
✗ 3. 29
✗ 4. 23

Question ID : **6549786354**
Status : **Answered**
Chosen Option : **1**

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

47 : 58 : 71

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

Question ID : **6549786352**
Status : **Answered**
Chosen Option : **2**

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

Ans
✗ 1. 463
✓ 2. 308
✗ 3. 137
✗ 4. 229

Question ID : **6549787769**
Status : **Not Answered**
Chosen Option : **--**

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

Ans

✗ 1. GKPJ

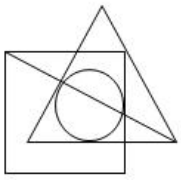
✓ 2. TXBV

✗ 3. KOLF

✗ 4. QUFZ

Question ID : **6549787778**
Status : **Answered**
Chosen Option : **4**

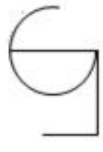
Q.12 Select the option that is embedded in the given figure (rotation is NOT allowed).



Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **6549786370**
Status : **Answered**
Chosen Option : **4**

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

Ans

✓ 1. 2143152558

✗ 2. 2134152558

✗ 3. 1514131285

✗ 4. 1213141585

Question ID : **6549787772**
Status : **Not Answered**
Chosen Option : **--**

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Q.14 **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**

Statements:

Some dogs are bulls.
All bulls are donkeys.

Conclusions:

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

Ans

✗ 1. Both conclusions I and II follow.

✗ 2. Only conclusion I follows.

✓ 3. Only conclusion II follows.

✗ 4. Neither conclusion I nor II follows.

Question ID : **6549786366**
Status : **Answered**
Chosen Option : **3**

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

Mosquito : Swarm

Ans

✗ 1. Monkey : Pride

✓ 2. Shark : School

✗ 3. Snake : Sleuth

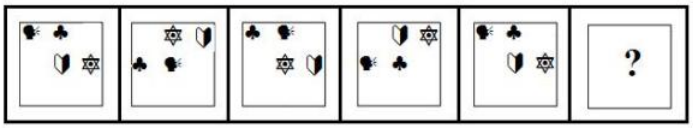
✗ 4. Cat : Murder

Question ID : **6549787777**
Status : **Answered**
Chosen Option : **2**

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



Ans

✔ 1. 

✘ 2. 

✘ 3. 

✘ 4. 

Question ID : **6549787782**
Status : **Answered**
Chosen Option : **1**

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

18 : 163 : : 24 : ?

Ans

✘ 1. 216

✔ 2. 289

✘ 3. 298

✘ 4. 222

Question ID : **6549787765**
Status : **Answered**
Chosen Option : **4**

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

65 + 13 − 119 ÷ 32 × 8 = 175

Ans

✘ 1. 8 and 3; × and ÷

✔ 2. 9 and 8; + and ÷

✘ 3. 5 and 8; − and ×

✘ 4. 2 and 9; + and ×

Question ID : **6549786350**
Status : **Answered**
Chosen Option : **2**

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

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

Question ID : **6549787763**
Status : **Answered**
Chosen Option : **4**

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

OUTSTAY : AOSTTUY :: ROUGHLY : ?

Ans
1. GUROHLY
2. ORGULHY
3. GHLORUY
4. GUORYLH

Question ID : **6549786359**
Status : **Answered**
Chosen Option : **2**

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

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

Question ID : **6549786365**
Status : **Answered**
Chosen Option : **4**

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

Flock : Sheep :: Crowd : ?

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

Question ID : **6549786360**
Status : **Answered**
Chosen Option : **2**

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

k j i _ k _ _ i k j i _ k _ _ i

Ans
1. j k j k j k ✗
2. i j i i j i ✓
3. k i j k i j ✗
4. i k j i k j ✗

Question ID : **6549786967**
Status : **Answered**
Chosen Option : **2**

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

Ans
1. SMSGSZP ✗
2. RMSHRZP ✗
3. SNRGSAO ✗
4. RMRGRZO ✓

Question ID : **6549786357**
Status : **Answered**
Chosen Option : **4**

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

13 50 8
12 39 5
15 51 ?

Ans
1. 7 ✓
2. 10 ✗
3. 12 ✗
4. 9 ✗

Question ID : **6549787767**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

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

Ans

✔ 1. $5\frac{1}{2}$

✘ 2. $3\frac{1}{2}$

✘ 3. $2\frac{1}{2}$

✘ 4. $1\frac{1}{2}$

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

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

Ans

✘ 1. 3

✔ 2. 8

✘ 3. 5

✘ 4. 9

Question ID : **6549786388**
Status : **Answered**
Chosen Option : **3**

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

Ans

✘ 1. 12 °

✔ 2. 14 °

✘ 3. 16 °

✘ 4. 21 °

Question ID : **6549786394**
Status : **Answered**
Chosen Option : **2**

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

Ans

✘ 1. 112 m

✔ 2. 108 m

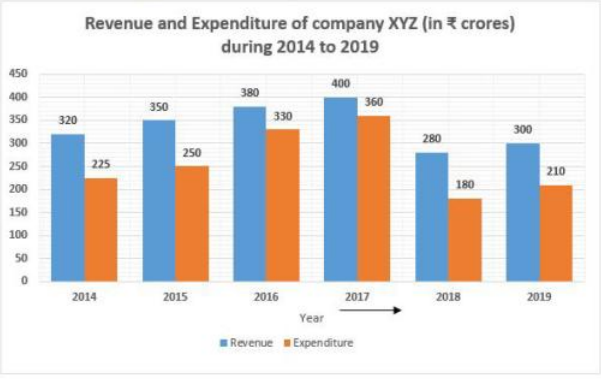
✘ 3. 118 m

✘ 4. 106 m

Question ID : **6549786376**
Status : **Answered**
Chosen Option : **2**

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



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

Ans

✔ 1. 85.2%

✘ 2. 84.3%

✘ 3. 83.4%

✘ 4. 81.6%

Question ID : **6549787812**
Status : **Answered**
Chosen Option : **1**

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

Ans

✘ 1. 23

✘ 2. 24

✘ 3. 16

✔ 4. 17

Question ID : **6549787804**
Status : **Answered**
Chosen Option : **4**

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

Ans

✘ 1. 6

✘ 2. 18

✘ 3. 8

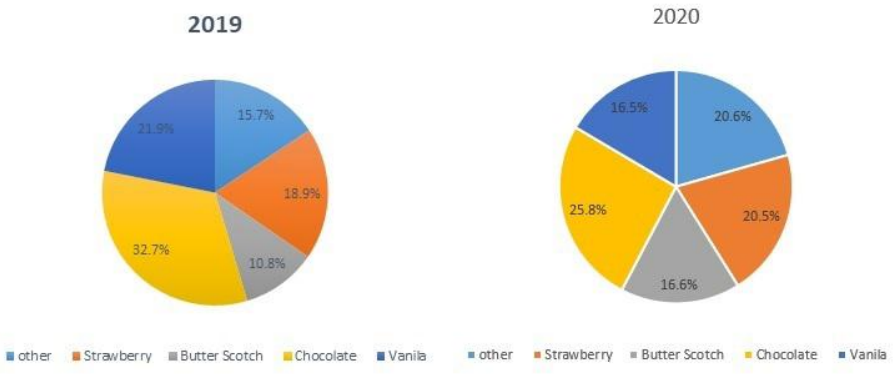
✔ 4. 12

Question ID : **6549787799**
Status : **Answered**
Chosen Option : **4**

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

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



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

Ans

✔ 1. 1,23,000

✘ 2. 1,32,000

✘ 3. 3,12,000

✘ 4. 2,13,000

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

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

Ans

✘ 1. 11,239

✘ 2. 10,450

✘ 3. 10,580

✔ 4. 10,648

Question ID : **6549787796**
Status : **Answered**
Chosen Option : **4**

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

Ans

✘ 1. 27.5%

✘ 2. 20%

✔ 3. 25%

✘ 4. 22.5%

Question ID : **6549786378**
Status : **Answered**
Chosen Option : **4**

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

Ans

✔ 1. 675

✘ 2. 650

✘ 3. 975

✘ 4. 780

Question ID : **6549787789**
Status : **Answered**
Chosen Option : **3**

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

Ans

✔ 1. 40

✘ 2. 30

✘ 3. 50

✘ 4. 60

Question ID : **6549787795**
Status : **Answered**
Chosen Option : **1**

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

Ans

✘ 1. 12

✘ 2. 19.5

✔ 3. 17.5

✘ 4. 15

Question ID : **6549787797**
Status : **Answered**
Chosen Option : **3**

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

Ans

✘ 1. 5

✘ 2. 12

✔ 3. 10

✘ 4. 13

Question ID : **6549786386**
Status : **Answered**
Chosen Option : **3**

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

Ans

1. ✗ 16% Increase
2. ✓ 12.5% Decrease
3. ✗ 12.5% Increase
4. ✗ 16% Decrease

Question ID : **6549787793**
Status : **Answered**
Chosen Option : **2**

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

Ans

1. ✗ 75
2. ✗ −150
3. ✗ 250
4. ✓ −175

Question ID : **6549787801**
Status : **Answered**
Chosen Option : **1**

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

Ans

1. ✓ 10 days
2. ✗ 5 days
3. ✗ 8 days
4. ✗ 12 days

Question ID : **6549786374**
Status : **Answered**
Chosen Option : **1**

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

Ans

1. ✗ 30
2. ✗ 25
3. ✗ 40
4. ✓ 20

Question ID : **6549787791**
Status : **Answered**
Chosen Option : **1**

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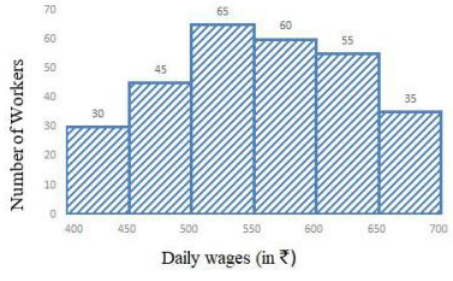
Q.19 If $cos\theta = \frac{\sqrt{3}}{2}$, then the value of $\frac{2-sin^2\theta}{1-cot^2\theta} + (sec^2\theta + cosec\theta)$ is:

Ans

1. $\frac{25}{12}$
2. $\frac{59}{24}$ ✔
3. $-\frac{25}{12}$
4. $-\frac{59}{24}$

Question ID : **6549786392**
Status : **Answered**
Chosen Option : **4**

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



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

Ans

1. $9:7$ ✔
2. $5:2$
3. $2:5$
4. $7:9$

Question ID : **6549786395**
Status : **Not Answered**
Chosen Option : **--**

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Q.21 The value of

$$\frac{tan50° + sec50°}{cot40° + cosec40°} + cos^2 65° + sin65° cos25° + tan30°$$ is:

Ans

✗ 1. $\frac{\sqrt{3}(\sqrt{3}+1)}{3}$

✗ 2. $2 + \sqrt{3}$

✓ 3. $\frac{6+\sqrt{3}}{3}$

✗ 4. $1 + \sqrt{3}$

Question ID : **6549787807**
Status : **Not Answered**
Chosen Option : **--**

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

Ans

✓ 1. 5.075 cm

✗ 2. 4.175 cm

✗ 3. 6.975 cm

✗ 4. 7.875 cm

Question ID : **6549786384**
Status : **Not Answered**
Chosen Option : **--**

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



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

Ans

✗ 1. ₹2,000

✗ 2. ₹40,000

✓ 3. ₹20,000

✗ 4. ₹1,80,000

Question ID : **6549788113**
Status : **Not Answered**
Chosen Option : **--**

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

Ans

✔ 1. 440.00

✘ 2. 560.00

✘ 3. 552.50

✘ 4. 500.00

Question ID : **6549786380**
Status : **Answered**
Chosen Option : **3**

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

Ans

✘ 1. $\frac{\sqrt{3}}{3}$

✘ 2. $2\sqrt{3}$

✔ 3. $\sqrt{3}$

✘ 4. $\frac{\sqrt{3}}{2}$

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

Section : **General Awareness**

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

Ans

✘ 1. KC Neogy

✔ 2. CD Deshmukh

✘ 3. Liaquat Ali Khan

✘ 4. Morarji Desai

Question ID : **6549787820**
Status : **Answered**
Chosen Option : **1**

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

Ans

✘ 1. Insulin

✔ 2. Melatonin

✘ 3. Oxytoxin

✘ 4. Aldosterone

Question ID : **6549786408**
Status : **Answered**
Chosen Option : **4**

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

Ans

✔ 1. .gif

✘ 2. .exe

✘ 3. .txt

✘ 4. .docx

Question ID : **6549786400**
Status : **Answered**
Chosen Option : **2**

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

Ans

✘ 1. 2014

✘ 2. 2018

✘ 3. 2020

✔ 4. 2015

Question ID : **6549786407**
Status : **Answered**
Chosen Option : **4**

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

Ans

✘ 1. Sports

✘ 2. Literature

✘ 3. Music

✔ 4. Science and Technology

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

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

Ans

✘ 1. 1958

✔ 2. 1953

✘ 3. 1950

✘ 4. 1951

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

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

Ans

✗ 1. Mizoram

✗ 2. Assam

✗ 3. Sikkim

✓ 4. Meghalaya

Question ID : **6549787828**
Status : **Answered**
Chosen Option : **2**

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

Ans

✓ 1. Karnataka

✗ 2. Jharkhand

✗ 3. Sikkim

✗ 4. Kerala

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

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

Ans

✗ 1. Narayanpet

✓ 2. Nirmal

✗ 3. Mulugu

✗ 4. Adilabad

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

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

Ans

✓ 1. Pangong Tso

✗ 2. Kolleru

✗ 3. Nainital

✗ 4. Loktak

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

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

Ans

✔ 1. Qatar

✘ 2. Oman

✘ 3. Bahrain

✘ 4. Saudi Arabia

Question ID : **6549787837**
Status : **Answered**
Chosen Option : **1**

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

Ans

✘ 1. Electric charge

✘ 2. Electric flux

✔ 3. Electric field

✘ 4. Electric current

Question ID : **6549786410**
Status : **Answered**
Chosen Option : **3**

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

Ans

✘ 1. Vice President

✘ 2. Attorney General

✘ 3. Prime Minister

✔ 4. President

Question ID : **6549787833**
Status : **Answered**
Chosen Option : **2**

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

Ans

✘ 1. Narsingh Dev Jamwal

✘ 2. Ramaswami Venkataswami

✘ 3. Anup Ranjan Pandey

✔ 4. Devarapalli Prakash Rao

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

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

Ans

✗ 1. John Hodgson

✗ 2. Thomas Hickey

✗ 3. Henry Walpole

✓ 4. Colin Mackenzie

Question ID : **6549786415**
Status : **Answered**
Chosen Option : **3**

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

Ans

✓ 1. Jharkhand

✗ 2. Punjab

✗ 3. Andhra Pradesh

✗ 4. Chhattisgarh

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

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

Ans

✓ 1. Gyanendro Ningombam

✗ 2. David John

✗ 3. Mohd Mushtaque Ahmad

✗ 4. Harendra Singh

Question ID : **6549786422**
Status : **Answered**
Chosen Option : **1**

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

Ans

✗ 1. Great Nicobar

✗ 2. North Andaman

✓ 3. Middle Andaman

✗ 4. South Andaman

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

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

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

Question ID : **6549787815**
Status : **Answered**
Chosen Option : **2**

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

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

Question ID : **6549786402**
Status : **Answered**
Chosen Option : **1**

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

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

Question ID : **6549786405**
Status : **Answered**
Chosen Option : **1**

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

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

Question ID : **6549787813**
Status : **Answered**
Chosen Option : **2**

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

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

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

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

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

Question ID : **6549787823**
Status : **Answered**
Chosen Option : **4**

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

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

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

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