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Combined Higher Secondary Level Examination 2020 (Tier-I)

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

Section : **English Language**

Q.1 **Select the option that can be used as a one-word substitute for the given group of words.**

A large cage, building or enclosure to keep birds

Ans
- ✗ 1. Zoo
- ✗ 2. Apiary
- ✗ 3. Aquarium
- ✓ 4. Aviary

Question ID : **6549786949**
Status : **Answered**
Chosen Option : **4**

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

Expunge

Ans
- ✓ 1. Insert
- ✗ 2. Deplete
- ✗ 3. Exhaust
- ✗ 4. Remove

Question ID : **6549789367**
Status : **Answered**
Chosen Option : **1**

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

Uphold

Ans
- ✗ 1. Support
- ✗ 2. Maintain
- ✗ 3. Endorse
- ✓ 4. Oppose

Question ID : **6549786944**
Status : **Answered**
Chosen Option : **4**

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Q.4 Given below are four sentences in jumbled order. Select the option that gives their correct order.

A. His school was closed as it was the height of summer.
B. It was on one such day that Ranji discovered a pool in the forest.
C. As he had no friends yet, he wandered alone in the hills and forests.
D. Ranji had been less than a month in Rajpur.

Ans
1. ACBD
2. CBDA
3. BADC
4. DACB

Question ID : **6549789363**
Status : **Not Attempted and Marked For Review**
Chosen Option : **–**

Q.5 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.

The Prime Minister chair a high-level meeting / with senior officials / to review the Covid situation.

Ans
1. with senior officials
2. The Prime Minister chair a high-level meeting
3. to review the Covid situation
4. No error

Question ID : **6549786932**
Status : **Answered**
Chosen Option : **2**

Q.6 Select the most appropriate word to fill in the blank.

In the past month, the price of oil has _____ several times.

Ans
1. fumbled
2. fluctuated
3. faltered
4. failed

Question ID : **6549786954**
Status : **Answered**
Chosen Option : **2**

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

Leather straps put around a horse's head to control it

Ans
✔ 1. bridle
✘ 2. bridal
✘ 3. saddle
✘ 4. stirrup

Question ID : **6549789374**
Status : **Answered**
Chosen Option : **1**

Q.8 Select the correct indirect form of the given sentence.

Mother said, "All the guests will arrive tonight."

Ans
✔ 1. Mother said that all the guests would arrive that night.
✘ 2. Mother said that all the guests will arrive tonight.
✘ 3. Mother told that all the guests would arrive tonight.
✘ 4. Mother said that all the guests will arrive that night.

Question ID : **6549789354**
Status : **Answered**
Chosen Option : **1**

Q.9 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. The word Jama means 'a robe or shawl' and War means 'Yard (the measuring unit)'.
B. Jamawar (also spelled as Jamavar) is a fabric that has its roots in Kashmir.
C. People in the earlier times used to buy a yard of the shawl to protect themselves from the chilly winter.
D. The Jamawar is an adulterated form of Pashmina silk since it contains a blend of cotton and wool.

Ans
✔ 1. BACD
✘ 2. BCAD
✘ 3. DCBA
✘ 4. DCAB

Question ID : **6549786940**
Status : **Answered**
Chosen Option : **1**

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

Rank and file

Ans
✘ 1. The manager of a personnel department
✔ 2. Ordinary workers in a company
✘ 3. Financial activities in a firm
✘ 4. A very well-organised company

Question ID : **6549786946**
Status : **Not Answered**
Chosen Option : **–**

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Q.11 Select the most appropriate meaning of the underlined idiom in the given sentence.

My brother has decided to settle in London <u>for good</u>.

Ans
✔ 1. forever
✘ 2. briefly
✘ 3. for a better income
✘ 4. for a promotion

Question ID : **6549789369**
Status : **Answered**
Chosen Option : **1**

Q.12 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

<u>Unless someone makes a complaint</u>, they will not clear the garbage from the street.

Ans
✘ 1. Without someone makes a complaint
✔ 2. No substitution required
✘ 3. Despite someone makes a complaint
✘ 4. Except someone makes a complaint

Question ID : **6549786941**
Status : **Answered**
Chosen Option : **2**

Q.13 Select the INCORRECTLY spelt word.

Ans
✘ 1. Plump
✘ 2. Muscle
✘ 3. Gnaw
✔ 4. Rinckle

Question ID : **6549786947**
Status : **Answered**
Chosen Option : **4**

Q.14 In the given sentence, identify the segment which contains a grammatical error.

We are yet living in the same house.

Ans
✘ 1. We are
✘ 2. same house
✘ 3. in the
✔ 4. yet living

Question ID : **6549789355**
Status : **Answered**
Chosen Option : **4**

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

FORSAKE

Ans
✔ 1. desert
✘ 2. hold
✘ 3. claim
✘ 4. help

Question ID : **6549789375**
Status : **Answered**
Chosen Option : **1**

Q.16 Select the most appropriate synonym of the given word.

Profuse

Ans
✘ 1. Meagre
✔ 2. Abundant
✘ 3. Limited
✘ 4. Consistent

Question ID : **6549786952**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the option that expresses the given sentence in passive voice.

The clouds hid the sun.

Ans
✔ 1. The sun was hidden by the clouds.
✘ 2. The sun is hidden by the clouds.
✘ 3. The clouds are hid by the sun.
✘ 4. The sun was hide by the clouds.

Question ID : **6549786929**
Status : **Answered**
Chosen Option : **1**

Q.18 Select the misspelt word.

Ans
✘ 1. mature
✘ 2. mischief
✔ 3. misrable
✘ 4. moisture

Question ID : **6549789372**
Status : **Marked For Review**
Chosen Option : **1**

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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'.

How long have you <u>being seating</u> on this bench?

Ans
1. being sat
2. No substitution
3. been sitting
4. been seating

Question ID : **6549789366**
Status : **Answered**
Chosen Option : **3**

Q.20 Fill in the blank with most appropriate word.

The air _____ has gone up significantly.

Ans
1. rent
2. charge
3. cost
4. fare

Question ID : **6549789377**
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.

Kashmiri carpets have been appreciated since a long time for their intricate work. Their uniqueness (1) _____ in their manufacturing. These carpets are (2) _____ handmade and are knotted, not tufted. You can (3) _____ different carpets from a variety of silk or woolen ones. These are (4) _____ in colourful themes. The main art of carpet manufacturing is (5) _____ with the knotting. These knots determine the durability and value of the carpet.

SubQuestion No : 21

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

Ans
1. is lying
2. lying
3. lies
4. lie

Question ID : **6549786934**
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.

Kashmiri carpets have been appreciated since a long time for their intricate work. Their uniqueness (1) _____ in their manufacturing. These carpets are (2) _____ handmade and are knotted, not tufted. You can (3) _____ different carpets from a variety of silk or woolen ones. These are (4) _____ in colourful themes. The main art of carpet manufacturing is (5) _____ with the knotting. These knots determine the durability and value of the carpet.

SubQuestion No : 22

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

Ans

✗ 1. absolutely

✗ 2. merely

✗ 3. simply

✓ 4. purely

Question ID : **6549786935**
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.

Kashmiri carpets have been appreciated since a long time for their intricate work. Their uniqueness (1) _____ in their manufacturing. These carpets are (2) _____ handmade and are knotted, not tufted. You can (3) _____ different carpets from a variety of silk or woolen ones. These are (4) _____ in colourful themes. The main art of carpet manufacturing is (5) _____ with the knotting. These knots determine the durability and value of the carpet.

SubQuestion No : 23

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

Ans

✗ 1. indicate

✗ 2. elect

✓ 3. choose

✗ 4. decide

Question ID : **6549786936**
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.

Kashmiri carpets have been appreciated since a long time for their intricate work. Their uniqueness (1) _____ in their manufacturing. These carpets are (2) _____ handmade and are knotted, not tufted. You can (3) _____ different carpets from a variety of silk or woolen ones. These are (4) _____ in colourful themes. The main art of carpet manufacturing is (5) _____ with the knotting. These knots determine the durability and value of the carpet.

SubQuestion No : 24

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

Ans
✗ 1. devised
✓ 2. designed
✗ 3. defined
✗ 4. described

Question ID : **6549786937**
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.

Kashmiri carpets have been appreciated since a long time for their intricate work. Their uniqueness (1) _____ in their manufacturing. These carpets are (2) _____ handmade and are knotted, not tufted. You can (3) _____ different carpets from a variety of silk or woolen ones. These are (4) _____ in colourful themes. The main art of carpet manufacturing is (5) _____ with the knotting. These knots determine the durability and value of the carpet.

SubQuestion No : 25

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

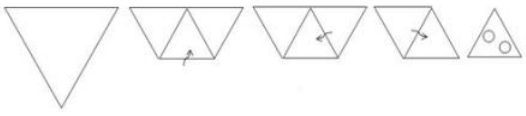
Ans
✗ 1. assisted
✗ 2. abetted
✗ 3. attended
✓ 4. associated

Question ID : **6549786938**
Status : **Answered**
Chosen Option : **4**

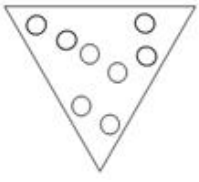
Section : **General Intelligence**

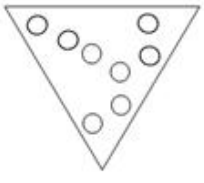
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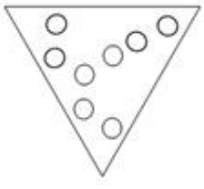
Q.1 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

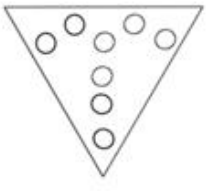


Ans

1. 

2. 

3. 

4. 

Question ID : **6549786977**
Status : **Answered**
Chosen Option : **2**

Q.2 **Four options have been given, out of which three are alike in some manner and one is different. Select the option that is different.**

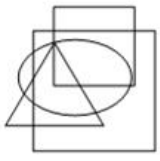
Ans

1. Delhi
2. Puducherry
3. Chandigarh
4. Jammu & Kashmir

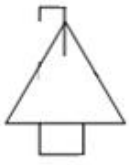
Question ID : **6549786971**
Status : **Answered**
Chosen Option : **1**

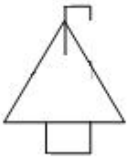
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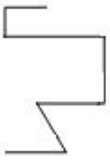
Q.3 Select the option that is embedded in the given figure (rotation is NOT allowed).

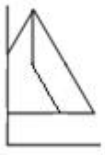


Ans

1. 

2. 

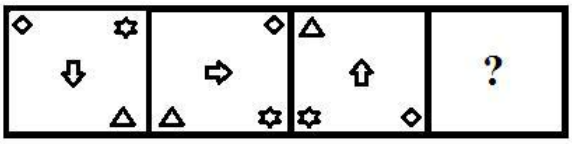
3. 

4. 

Question ID : **6549786976**
Status : **Answered**
Chosen Option : **4**

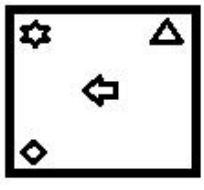
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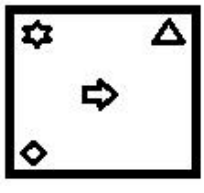
Q.4 Select the figure that will replace the question mark (?) in the following figure series.

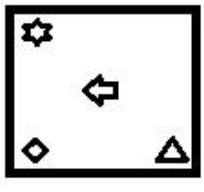


Ans

1. 

2. 

3. 

4. 

Question ID : **6549789398**
Status : **Answered**
Chosen Option : **2**

Q.5 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.

Ans

1. 17 : 291
2. 15 : 227
3. 13 : 169
4. 11 : 123

Question ID : **6549789385**
Status : **Answered**
Chosen Option : **3**

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Q.6 Select the option in which the numbers share the same relationship as that shared by the numbers in the given set.

(7, 4, 33)

Ans
1. (9, 5, 56) ✓
2. (7, 4, 71) ✗
3. (8, 5, 40) ✗
4. (11, 8, 175) ✗

Question ID : **6549789383**
Status : **Answered**
Chosen Option : **1**

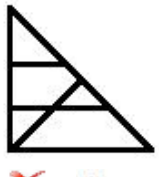
Q.7 Which two digits need to be interchanged so as to balance the given equation?

75 ÷ 18 + 51 × 8 − 82 = 87

Ans
1. 7 and 8 ✗
2. 1 and 5 ✗
3. 5 and 2 ✓
4. 8 and 2 ✗

Question ID : **6549786956**
Status : **Not Attempted and Marked For Review**
Chosen Option : **–**

Q.8 How many triangles are there in the figure given below?



Ans
1. 8 ✗
2. 7 ✓
3. 9 ✗
4. 6 ✗

Question ID : **6549789399**
Status : **Answered**
Chosen Option : **2**

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Q.9 उस विकल्प का चयन कीजिए जिसका तीसरे शब्द से वही संबंध है, जो दूसरे शब्द का पहले शब्द से है।

बिस्तर : गद्दा : : कुर्सी : ?

Ans
1. बोरा
2. कुशन
3. तकिया
4. फॉम

Question ID : **6549786966**
Status : **Answered**
Chosen Option : **2**

Q.10 If Raman is the brother of the son of Kshitij's son, how is Raman related to Kshitij?

Ans
1. Grandson
2. Nephew
3. Cousin
4. Son

Question ID : **6549786059**
Status : **Answered**
Chosen Option : **1**

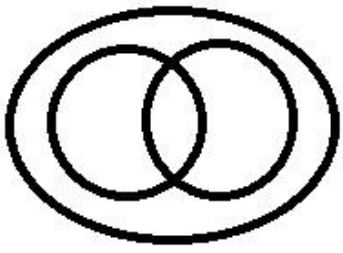
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Q.11 Which of the following Venn diagrams best represents the words given below?

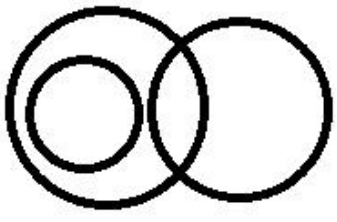
Engineers, Educated Persons, Males

Ans

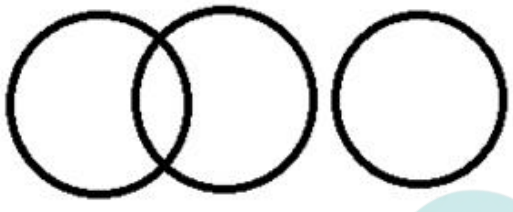
✗ 1.



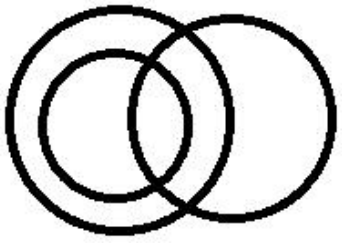
✗ 2.



✗ 3.



✓ 4.



Question ID : **6549789403**
Status : **Answered**
Chosen Option : **4**

Q.12 Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.

Growth : Expansion

Ans

✗ 1. Child : Birth

✓ 2. Urge : Request

✗ 3. First : Last

✗ 4. Temporary : Permanent

Question ID : **6549789393**
Status : **Answered**
Chosen Option : **2**

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Q.13 Three of the following four letter-clusters are alike in a certain way and one is different. Select the odd one.

Ans
1. KMQT ✓
2. LNQU ✗
3. QSVZ ✗
4. ACFJ ✗

Question ID : **6549789394**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Universe
2. Chennai
3. World
4. Asia
5. Tamil Nadu

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

Question ID : **6549789386**
Status : **Answered**
Chosen Option : **3**

Q.15 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

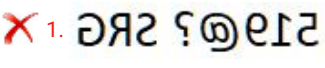
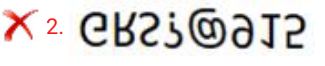
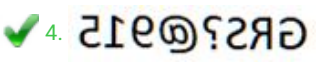
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Ans
1. adebdda ✗
2. adedabd ✓
3. adabded ✗
4. dabdade ✗

Question ID : **6549788583**
Status : **Answered**
Chosen Option : **1**

Q.16 Select the correct mirror image of the given figure when the mirror is placed at the right side.

GRS?@915

Ans
1. 
2. 
3. 519@? SRG
4. 

Question ID : **6549786978**
Status : **Answered**
Chosen Option : **4**

Q.17 In a certain code language, ENDORSE is written as VMWLIHV. How will INSTRUCT be written in that language?

Ans
1. SNRGSAOT
2. SMSGSZPR
3. RMSHRZPG
4. RMHGIFXG

Question ID : **6549786963**
Status : **Answered**
Chosen Option : **4**

Q.18 Select the number from among the given options that can replace the question mark (?) in the following series.

8, 24, 48, 80, ?, 168

Ans
1. 122
2. 116
3. 120
4. 118

Question ID : **6549786960**
Status : **Answered**
Chosen Option : **3**

Q.19 Vishal has a total of ₹4,100 in the denominations of 5, 10, 20 and 50 rupee notes. He has an equal number of 5 and 10 rupee notes. The number of 20 rupee notes is double the number of 5 rupee notes. The number of 50 rupee notes is thrice the number of 10 rupee notes. How many 5 rupee notes are there with Vishal?

Ans
1. 10
2. 40
3. 30
4. 20

Question ID : **6549789379**
Status : **Answered**
Chosen Option : **4**

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Q.20 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All computers are calculators.
All calculators are boxes.

Conclusions:
I. All computers are boxes.
II. Some boxes are computers.

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

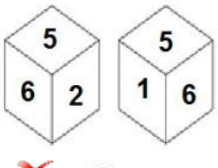
Question ID : **6549786972**
Status : **Answered**
Chosen Option : **1**

Q.21 In a code language, if FORTUNE is written as 716192122156, then how will OCTOBER be written in the same language?

Ans
✘ 1. 16420173819
✔ 2. 16421163619
✘ 3. 14422163519
✘ 4. 1532063618

Question ID : **6549789388**
Status : **Answered**
Chosen Option : **2**

Q.22 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Which number is on the face opposite to the face showing '2'?



Ans
✘ 1. 3
✘ 2. 6
✘ 3. 5
✔ 4. 1

Question ID : **6549789397**
Status : **Answered**
Chosen Option : **4**

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

29 : 36 : 39

Ans
✔ 1. 48 : 52 : 55
✘ 2. 54 : 58 : 61
✘ 3. 69 : 72 : 76
✘ 4. 78 : 79 : 82

Question ID : **6549786958**
Status : **Not Attempted and Marked For Review**
Chosen Option : **–**

Q.24 Select the option that is related to the third term in the same way as the second term is related to the first term.

DEBONAIR : EDRIOBAN : : HALLMARK : ?

Ans
✘ 1. LLAMKRAM
✘ 2. AHKRLLMA
✔ 3. AHKRLLAM
✘ 4. AHLLAMKR

Question ID : **6549786965**
Status : **Answered**
Chosen Option : **3**

Q.25 Select the option that is related to the third number in the same way as the second number is related to the first number.

6 : 27 : : 9 : ?

Ans
✔ 1. 66
✘ 2. 74
✘ 3. 110
✘ 4. 95

Question ID : **6549789381**
Status : **Not Attempted and Marked For Review**
Chosen Option : **–**

Section : **Quantitative Aptitude**

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Q.1 A solid metallic sphere of radius 10 cm is melted and recast into spheres of radius 2 cm each. How many such spheres can be made?

Ans
1. 64
2. 216
3. 100
4. 125 ✔

Question ID : **6549786982**
Status : **Answered**
Chosen Option : **4**

Q.2 There are 3 groups of persons – male, female and children. There are 20 males and the number of females and children taken together is 4 more than that of the males. The average weight of males is 54 kg, that of females is 49 kg and that of children is 30 kg. If the average weight of the whole group is 48.25 kg, then what is the difference between the number of females and the number of children?

Ans
1. 17
2. 10 ✔
3. 7
4. 14

Question ID : **6549789407**
Status : **Not Attempted and Marked For Review**
Chosen Option : **–**

Q.3 If $x + \frac{1}{15x} = 3$, then the value of $9x^3 + \frac{1}{375x^3}$ will be:

Ans
1. 237.6 ✔
2. 376.2
3. 273.6
4. 367.2

Question ID : **6549786994**
Status : **Answered**
Chosen Option : **1**

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Q.4 Simplify the given expression.

$$\left(x-\frac{2}{x}\right)^3-\left(x+\frac{2}{x}\right)^3$$

Ans

✔ 1. $-4\left(3x+\frac{4}{x^3}\right)$

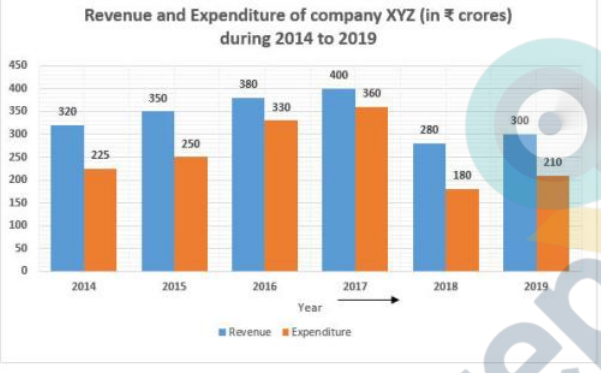
✘ 2. $4\left(3x-\frac{4}{x^3}\right)$

✘ 3. $-4\left(x+\frac{4}{x^3}\right)$

✘ 4. $2\left(x-\frac{4}{x^3}\right)$

Question ID : **6549789417**
Status : **Answered**
Chosen Option : **1**

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



By what percentage is the average expenditure of the company in 2014, 2016 and 2018 less than the revenue in 2017?

Ans

✘ 1. 37.5%

✘ 2. 56.25%

✘ 3. 63.27%

✔ 4. 38.75%

Question ID : **6549787810**
Status : **Answered**
Chosen Option : **4**

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Q.6 Evaluate the following expression.

$$\frac{3(cot^2 46° - sec^2 44°)}{2(sin^2 28° + sin^2 62°)} + \frac{2cos^2 60° tan^2 33° tan^2 57°}{sec^2(90° - \theta) - cot^2 \theta}$$

Ans
✔ 1. -1
✘ 2. 1
✘ 3. -2
✘ 4. 2

Question ID : **6549789423**
Status : **Answered**
Chosen Option : **1**

Q.7 Nalini's younger brother is 12 years old. If the ratio of the age of Nalini to that of her brother is 7 : 6, then what will be ratio in their ages 6 years hence?

Ans
✔ 1. $10 : 9$
✘ 2. $13 : 12$
✘ 3. $17 : 15$
✘ 4. $10 : 6$

Question ID : **6549789411**
Status : **Answered**
Chosen Option : **1**

Q.8 $16\frac{1}{4} \div [2\frac{1}{6} + \{4\frac{1}{3} - (2\frac{1}{2} + \frac{3}{4})\}]$ is equal to:

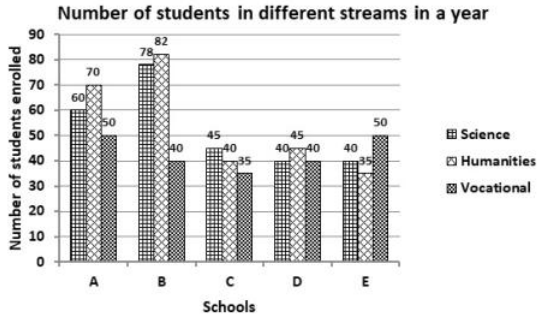
Ans
✘ 1. 6
✘ 2. 4
✔ 3. 5
✘ 4. 3

Question ID : **6549786997**
Status : **Answered**
Chosen Option : **3**

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Q.9 The number of students enrolled in different streams at Senior Secondary level in five schools is shown in the bar graph.

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



Ans
1. ✗ 94 : 65
2. ✗ 178 : 125
3. ✗ 7 : 5
4. ✓ 89 : 65

Question ID : **6549789428**
Status : **Answered**
Chosen Option : **4**

Q.10 ABC is a triangle inscribed in a circle and ∠ACB is equal to 35°. P is a point on the circle on the side AB, opposite to C.
What is the value of ∠APB in degrees?

Ans
1. ✗ 72.5
2. ✓ 145
3. ✗ 175
4. ✗ 70

Question ID : **6549789413**
Status : **Answered**
Chosen Option : **2**

Q.11 Let O be the centre of a circle and AC be the diameter. BD is a chord intersecting AC at E. AD and AB are joined. If $\angle BOC = 40°$ and $\angle AOD = 120°$, then $\angle BEC$ is equal to:

Ans
1. ✗ 55°
2. ✓ 80°
3. ✗ 90°
4. ✗ 70°

Question ID : **6549786990**
Status : **Answered**
Chosen Option : **2**

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Q.12 The simple interest on a sum of ₹12,000 at the end of 5 years is ₹6,000. What would have been the compound interest on the same sum at the same rate for 3 years when compounded annually?

Ans
1. ₹3,970
2. ₹3,972
3. ₹3,600
4. ₹2,520

Question ID : **6549789412**
Status : **Answered**
Chosen Option : **2**

Q.13 10 men or 15 women can complete a work in 30 days. In how many days can 15 men and 27 women complete the work?

Ans
1. $6\frac{1}{11}$
2. $5\frac{1}{11}$
3. $11\frac{1}{11}$
4. $9\frac{1}{11}$

Question ID : **6549786980**
Status : **Answered**
Chosen Option : **4**

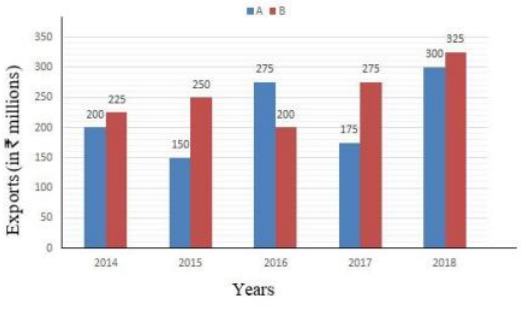
Q.14 A person saves 25% of his income. If his income increases by 20% and his saving remains the same, then what will be the increased percentage of his expenditure?

Ans
1. 20
2. 26
3. 30
4. $26\frac{2}{3}$

Question ID : **6549789409**
Status : **Answered**
Chosen Option : **4**

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Q.15 Study the given bar graph and answer the question that follows.
The bar graph shows the exports of cars of types A and B (in ₹ million).



What is the ratio of the total exports of cars of type A in 2016 and 2018 to the total exports of cars of type B in 2015 and 2017?

Ans
1. 23 : 21 ✔
2. 15 : 29 ✘
3. 18 : 23 ✘
4. 21 : 23 ✘

Question ID : **6549787001**
Status : **Answered**
Chosen Option : **1**

Q.16 If $x^6 - 6\sqrt{6}y^6 = (x^2 + Ay^2)(x^4 + Bx^2y^2 + Cy^4)$, then what will be the value of $(A^2 - B^2 + C^2)$?

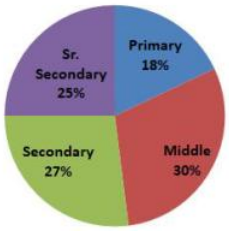
Ans
1. 27 ✘
2. 42 ✘
3. 36 ✔
4. 18 ✘

Question ID : **6549786995**
Status : **Not Attempted and Marked For Review**
Chosen Option : **–**

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Q.17 Students of Primary, Middle, Secondary and Sr. Secondary classes collected donation for a Relief Fund as shown in the given pie chart. If the donation collected from Middle classes was ₹6,750, then how much more money was collected by Middle classes as compared to Secondary classes?



Ans
1. ₹6,075
2. ₹1,125
3. ₹675
4. ₹2,025

Question ID : **6549788416**
Status : **Answered**
Chosen Option : **2**

Q.18 For $\theta : 0° < \theta < 90°$

$3\sec\theta + 4\cos\theta = 4\sqrt{3}$, find the value of $(1 - \sin\theta + \cos\theta)$.

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

Question ID : **6549787000**
Status : **Not Attempted and Marked For Review**
Chosen Option : **–**

Q.19 An article is sold at a certain price. If it is sold at $33\frac{1}{3}\%$ of this price, there is a loss of $33\frac{1}{3}\%$. What is the percentage profit or percentage loss when it is sold at 40% of the original selling price?

Ans
1. Loss 12%
2. Profit 18%
3. Loss 20%
4. Profit 15%

Question ID : **6549786986**
Status : **Answered**
Chosen Option : **3**

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Q.20 In triangle ABC, AD is the internal bisector of $\angle A$ meeting BC at D. If $BD = 3.6$ cm and $BC = 8$ cm, then the ratio of AB to AC will be:

Ans
1. 11 : 9
2. 7 : 13
3. 13 : 7
4. 9 : 11

Question ID : **6549786992**
Status : **Answered**
Chosen Option : **4**

Q.21 In ΔABC, points D and E are on AB and AC, respectively, such that DE is parallel to BC. If AD = 3 cm, BD = 6 cm and AE = 2 cm, then find the length of CE.

Ans
1. 6 cm
2. 16 cm
3. 8 cm
4. 4 cm

Question ID : **6549789415**
Status : **Answered**
Chosen Option : **4**

Q.22 After allowing a discount of 15% on the marked price of an article, it was sold for ₹425. Had the discount not been given, the profit would have been 25%. What was the cost price (in₹) of the article?

Ans
1. 325
2. 450
3. 500
4. 400

Question ID : **6549786984**
Status : **Answered**
Chosen Option : **3**

Q.23 What is the sum of all the possible values of k for which a seven-digit number 23k567k is divisible by 3?

Ans
1. 15
2. 3
3. 109
4. 16

Question ID : **6549789420**
Status : **Answered**
Chosen Option : **1**

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Q.24 Sunil can row a boat 20 km upstream in 1 hour 15 minutes. If the speed of the current of the river is 2 km/h, then how much time will he take to row the boat 30 km downstream?

Ans
1. 1 h 10 m
2. 1 h 45 m
3. 1 h 30 m
4. 1 h 20 m

Question ID : **6549789405**
Status : **Answered**
Chosen Option : **3**

Q.25 If $tan\theta = \frac{4}{3}$, then the value of $\frac{9\sin\theta+12\cos\theta}{27\cos\theta-20\sin\theta}$ will be equal to:

Ans
1. 72
2. 36
3. 18
4. 100

Question ID : **6549786998**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 Which part of India did the Nizams of Asafjahi dynasty rule?

Ans
1. Western kingdoms
2. Eastern states
3. Deccan provinces
4. Northern India

Question ID : **6549789446**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Who among the following is the youngest mayor in India as of January 2021?

Ans
1. Sabitha Beegam
2. Arya Rajendran
3. Rekha Priyadarshini
4. Mekala Kavya

Question ID : **6549787011**
Status : **Answered**
Chosen Option : **2**

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Q.3 Which of the following places in India has 0% forest area as per the Indian State of Forest Report 2019?

Ans
1. Andaman and Nicobar Islands
2. Puducherry
3. Lakshadweep
4. Goa

Question ID : **6549787018**
Status : **Answered**
Chosen Option : **2**

Q.4 Who among the following was a Portuguese writer who wrote about the trade and society in south India?

Ans
1. Niccolao Manucci
2. Francois Bernier
3. Jean-Baptiste Tavernier
4. Duarte Barbosa

Question ID : **6549787021**
Status : **Marked For Review**
Chosen Option : **2**

Q.5 'Maand' is primarily a traditional folk singing style from _____.

Ans
1. Madhya Pradesh
2. Jharkhand
3. Rajasthan
4. Bihar

Question ID : **6549787008**
Status : **Not Attempted and Marked For Review**
Chosen Option : **–**

Q.6 Which of the following types of computer is used in climate research and weather forecasting?

Ans
1. Mainframe computers
2. Micro-computers
3. Supercomputers
4. Mini-computers

Question ID : **6549787006**
Status : **Answered**
Chosen Option : **1**

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Q.7 Who among the following introduced the concept of electric field for the first time?

Ans
1. Blaise Pascal
2. Michael Faraday
3. Charles Augustin de Coulomb
4. Joseph Henry

Question ID : **6549787014**
Status : **Answered**
Chosen Option : **2**

Q.8 Which of the following keys will you press in Windows 10 to turn the volume up?

Ans
1. F4
2. F5
3. F6
4. F8

Question ID : **6549789429**
Status : **Not Answered**
Chosen Option : **–**

Q.9 Who among the following Indian cricketers holds the record of most number of catches taken by a non-wicketkeeper while standing in the slip cordon, as of January 2021?

Ans
1. VVS Laxman
2. Manoj Prabhakar
3. Rahul Dravid
4. Javagal Srinath

Question ID : **6549789451**
Status : **Not Answered**
Chosen Option : **–**

Q.10 Which of the following is the state flower of Manipur?

Ans
1. Foxtail Orchids
2. Shirui Lily
3. Pink Rhododendron
4. Retusa

Question ID : **6549789444**
Status : **Not Answered**
Chosen Option : **–**

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Q.11 Which of the following months was celebrated as 'Nutrition Month' in India in the year 2020?

Ans
1. December
2. November
3. September
4. August

Question ID : **6549789434**
Status : **Answered**
Chosen Option : **3**

Q.12 Who among the following was awarded the International Children's Peace Prize 2020?

Ans
1. Malala Yousafzai
2. Sadat Rahman
3. Greta Thunberg
4. Neha Gupta

Question ID : **6549787023**
Status : **Answered**
Chosen Option : **3**

Q.13 'Nikshay Poshan Yojana' is a scheme introduced by the Government of India to provide nutritional support to _____ patients.

Ans
1. diabetes
2. arthritis
3. tuberculosis
4. cancer

Question ID : **6549787013**
Status : **Marked For Review**
Chosen Option : **1**

Q.14 Chemicals called _____ link to form proteins.

Ans
1. oxalic acids
2. amino acids
3. citric acids
4. nitric acids

Question ID : **6549789439**
Status : **Answered**
Chosen Option : **2**

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Q.15 In which of the following cities was the 89th Annual General Meeting of the Board of Control for Cricket in India held?

Ans
✔ 1. Ahmedabad
✘ 2. Indore
✘ 3. Lucknow
✘ 4. Nagpur

Question ID : **6549787028**
Status : **Not Answered**
Chosen Option : **–**

Q.16 Which of the following has a tetragonal crystal system?

Ans
✘ 1. Potassium nitrate
✘ 2. Zinc oxide
✘ 3. Cadmium sulphide
✔ 4. Calcium sulphate

Question ID : **6549787016**
Status : **Not Answered**
Chosen Option : **–**

Q.17 Which of the following states emerged as a separate state in 1963?

Ans
✔ 1. Nagaland
✘ 2. Mizoram
✘ 3. Arunachal Pradesh
✘ 4. Tripura

Question ID : **6549787026**
Status : **Answered**
Chosen Option : **1**

Q.18 When was the Editors Guild of India founded?

Ans
✘ 1. 1982
✔ 2. 1978
✘ 3. 1956
✘ 4. 1989

Question ID : **6549789448**
Status : **Not Answered**
Chosen Option : **–**

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Q.19 Which present day Indian state came into existence as the Mysore state in 1953?

Ans
1. Kerala
2. Karnataka
3. Tamil Nadu
4. Andhra Pradesh

Question ID : **6549789443**
Status : **Answered**
Chosen Option : **2**

Q.20 Where was the world's largest solar tree installed in India in 2020?

Ans
1. Jaipur
2. Durgapur
3. Bokaro
4. Bhopal

Question ID : **6549789433**
Status : **Answered**
Chosen Option : **2**

Q.21 Which of the following Articles of the Constitution of India mentions 'Continuance of the rights of citizenship'?

Ans
1. Article 12
2. Article 10
3. Article 9
4. Article 11

Question ID : **6549789449**
Status : **Not Answered**
Chosen Option : **–**

Q.22 Who among the following athletes was the first ever youth ambassador of United Nations International Children's Emergency Fund (UNICEF) India?

Ans
1. Dutee Chand
2. KT Irfan
3. Neeraj Chopra
4. Hima Das

Question ID : **6549789453**
Status : **Not Answered**
Chosen Option : **–**

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Q.23 Where was the first factory of the Indian Iron and Steel Company (IISCO) set up?

Ans
1. Durgapur
2. Jabalpur
3. Jamshedpur
4. Hirapur

Question ID : **6549787017**
Status : **Answered**
Chosen Option : **1**

Q.24 Which of the following states has the longest roadway network as on March 2021?

Ans
1. Rajasthan
2. Maharashtra
3. Madhya Pradesh
4. Gujarat

Question ID : **6549789436**
Status : **Answered**
Chosen Option : **2**

Q.25 'Rahide' is a long scarf worn by the women of _____ to protect their head from cool breeze as well as to show their traditional social affinity.

Ans
1. Madhya Pradesh
2. Himachal Pradesh
3. Uttar Pradesh
4. Arunachal Pradesh

Question ID : **6549789431**
Status : **Answered**
Chosen Option : **2**

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