Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	13/10/2020
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL Tier 1

Section : **English Language (Basic Knowledge)**

Q.1 **Select the correctly spelt word.**

Ans   ✗ 1. Studiuous

✓ 2. Business

✗ 3. Memmoir

✗ 4. Restaurent

Question ID : **8161612250**
Status : **Answered**
Chosen Option : **2**

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

METROPOLITAN

Ans   ✗ 1. National

✗ 2. Insular

✗ 3. Federal

✓ 4. Provincial

Question ID : **8161612247**
Status : **Answered**
Chosen Option : **4**

Q.3 **Select the most appropriate option to fill in the blank in the given sentence.**

A _____ of small stones is called a mosaic.

Ans   ✗ 1. design

✗ 2. structure

✗ 3. mound

✓ 4. pattern

Question ID : **8161612257**
Status : **Answered**
Chosen Option : **3**

Q.4 Select the synonym of the given word.

Nebulous

Ans   ✗ 1. Dearly

      ✗ 2. Faith

      ✔ 3. Vague

      ✗ 4. Stable

Question ID : **8161612255**

Status : **Answered**

Chosen Option : **1**

Comprehension:

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

A city, predominantly made of red sandstone, Fatehpur Sikri (1)_____ founded in the 16th century by the Mughal Emperor, Akbar. It is essentially a fortified city (2)_____ had been the capital of Akbar (3)_____ fifteen years. Now a UNESCO world heritage site (4)_____ a famous tourist attraction, it is a fine (5)_____ of Mughal architecture.

SubQuestion No : 5

Q.5 Select the most appropriate option to fill in blank number 1.

Ans   ✗ 1. is

      ✗ 2. were

      ✔ 3. was

      ✗ 4. had

Question ID : **8161612237**

Status : **Answered**

Chosen Option : **3**

Comprehension:

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

A city, predominantly made of red sandstone, Fatehpur Sikri (1)_____ founded in the 16th century by the Mughal Emperor, Akbar. It is essentially a fortified city (2)_____ had been the capital of Akbar (3)_____ fifteen years. Now a UNESCO world heritage site (4)_____ a famous tourist attraction, it is a fine (5)_____ of Mughal architecture.

SubQuestion No : 6

Q.6 Select the most appropriate option to fill in blank number 2.

Ans   ✗ 1. who

      ✗ 2. where

      ✗ 3. what

      ✔ 4. which

Question ID : **8161612238**

Status : **Answered**

Chosen Option : **4**

Comprehension:

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

A city, predominantly made of red sandstone, Fatehpur Sikri (1)_____ founded in the 16th century by the Mughal Emperor, Akbar. It is essentially a fortified city (2)_____ had been the capital of Akbar (3)_____ fifteen years. Now a UNESCO world heritage site (4)_____ a famous tourist attraction, it is a fine (5)_____ of Mughal architecture.

SubQuestion No : 7

Q.7 Select the most appropriate option to fill in blank number 3.

Ans ✗ 1. since

✔ 2. for

✗ 3. from

✗ 4. by

Question ID : **8161612239**
Status : **Answered**
Chosen Option : **2**

Comprehension:

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

A city, predominantly made of red sandstone, Fatehpur Sikri (1)_____ founded in the 16th century by the Mughal Emperor, Akbar. It is essentially a fortified city (2)_____ had been the capital of Akbar (3)_____ fifteen years. Now a UNESCO world heritage site (4)_____ a famous tourist attraction, it is a fine (5)_____ of Mughal architecture.

SubQuestion No : 8

Q.8 Select the most appropriate option to fill in blank number 4.

Ans ✗ 1. if

✗ 2. but

✔ 3. and

✗ 4. nor

Question ID : **8161612240**
Status : **Answered**
Chosen Option : **3**

Comprehension:

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

A city, predominantly made of red sandstone, Fatehpur Sikri (1)_____ founded in the 16th century by the Mughal Emperor, Akbar. It is essentially a fortified city (2)_____ had been the capital of Akbar (3)_____ fifteen years. Now a UNESCO world heritage site (4)_____ a famous tourist attraction, it is a fine (5)_____ of Mughal architecture.

SubQuestion No : 9

Q.9 Select the most appropriate option to fill in blank number 5.

Ans ✗ 1. ruin

✔ 2. example

✗ 3. organization

✗ 4. infrastructure

Question ID : **8161612241**
Status : **Answered**
Chosen Option : **2**

Q.10 **Select the option that is the direct form of the given sentence.**

Nidhi exclaimed that it was a beautiful painting.

Ans   ✗ 1. Nidhi said to the artist, "That looks like a beautiful painting!"

✗ 2. Nidhi told him in wonder, "How beautiful!"

✓ 3. Nidhi exclaimed, "What a beautiful painting!"

✗ 4. Nidhi said to the artist in surprise, "How beautiful you made that painting!"

Question ID : **8161612233**
Status : **Answered**
Chosen Option : **3**

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

To have a gut feeling

Ans   ✗ 1. To experience discomfort

✓ 2. To feel an instinct or intuition

✗ 3. To have pain in the abdomen

✗ 4. To suffer from inflammation

Question ID : **8161612249**
Status : **Answered**
Chosen Option : **2**

Q.12 **Select the most appropriate ANTONYM of the given word.**

INSTANT

Ans   ✗ 1. Diverse

✗ 2. Prompt

✗ 3. Similar

✓ 4. Gradual

Question ID : **8161612246**
Status : **Answered**
Chosen Option : **4**

Q.13 **Select the word which means the same as the group of words given.**

Tending to associate with others of one's kind

Ans   ✗ 1. Genial

✗ 2. Harmonious

✓ 3. Gregarious

✗ 4. Congruous

Question ID : **8161612253**
Status : **Answered**
Chosen Option : **3**

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

RIND

Ans   ✗ 1. Shade

✔ 2. Peel

✗ 3. Petal

✗ 4. Leaf

Question ID : **8161612254**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Identify the segment in the given sentence which contains the grammatical error.

We noticed that most of the shoppers in the mall looking for packets of ready to cook food.

Ans   ✔ 1. in the mall looking for

✗ 2. We noticed that

✗ 3. packets of ready to cook food

✗ 4. most of the shoppers

Question ID : **8161612234**
Status : **Answered**
Chosen Option : **1**

Q.16 Given below are four jumbled sentences. Select the option that gives their correct order.

A. They grew cabbages and carrots in their back yard.
B. The family was very poor and was always hungry because there was a war on.
C. They also had a chicken, which provided the family with eggs, but still they were hungry.
D. Their country had been invaded by a foreign army.

Ans   ✗ 1. CADB

✗ 2. DABC

✗ 3. CDAB

✔ 4. BDAC

Question ID : **8161612242**
Status : **Answered**
Chosen Option : **4**

Q.17 Select the option that is the passive form of the given sentence.

The police brought a search warrant when they raided his house.

Ans   ✔ 1. A search warrant was brought by the police when they raided his house.

✗ 2. A search warrant was brought when they raided his house by the police.

✗ 3. The police had raided his house and brought a search warrant.

✗ 4. A search warrant had been brought when the police raided his house.

Question ID : **8161612232**
Status : **Answered**
Chosen Option : **1**

Q.18 Select the word which means the same as the group of words given.

Lasting for a very short time

Ans ✗ 1. Illusory

✓ 2. Ephemeral

✗ 3. Endless

✗ 4. Infinite

	Question ID : **8161612252**
	Status : **Answered**
	Chosen Option : **2**

Q.19 Select the most appropriate option to fill in the blank in the given sentence.

The performances of the notable dancers and guest artists _____ the audience.

Ans ✓ 1. enthralled

✗ 2. occupied

✗ 3. absorbed

✗ 4. immersed

	Question ID : **8161612256**
	Status : **Answered**
	Chosen Option : **1**

Q.20 Select the most appropriate meaning of the underlined idiom in the given sentence.

Akshay is likely to take the heat for having miscalculated the expenses.

Ans ✗ 1. feel very hot

✓ 2. receive criticism

✗ 3. scold everyone

✗ 4. enjoy warm climate

	Question ID : **8161612248**
	Status : **Answered**
	Chosen Option : **2**

Q.21 Select the INCORRECTLY spelt word.

Ans ✗ 1. Inclusion

✗ 2. Discriminatory

✗ 3. Excess

✓ 4. Supportors

	Question ID : **8161612251**
	Status : **Answered**
	Chosen Option : **4**

Q.22 Identify the segment in the given sentence which contains the grammatical error.

Most of voters in Taiwan seem to have once again voted for the democratic party and President Tsai Ing-wen.

Ans ✗ 1. the democratic party

✗ 2. in Taiwan seem to have

✗ 3. once again voted for

✓ 4. Most of voters

Question ID : **8161612235**
Status : **Answered**
Chosen Option : **4**

Q.23 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

<u>Since it falls</u> on the floor, her dog, a black Labrador, gulped the biscuit down.

Ans ✓ 1. Since it fell

✗ 2. No improvement

✗ 3. Because it is falling

✗ 4. As it have fallen

Question ID : **8161612245**
Status : **Answered**
Chosen Option : **4**

Q.24 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

This is a class <u>who is expected to do</u> exceptionally well in the quiz next week.

Ans ✓ 1. which is expected to do

✗ 2. No improvement

✗ 3. which are expecting to be doing

✗ 4. that is expecting to done

Question ID : **8161612244**
Status : **Answered**
Chosen Option : **1**

Q.25 Given below are four jumbled sentences. Select the option that gives their correct order.

A. I sow a seed.
B. I saw the sapling.
C. I saw the sprout.
D. I saw the plant.

Ans ✗ 1. ABCD

✗ 2. CABD

✓ 3. ACBD

✗ 4. DBAC

Question ID : **8161612243**
Status : **Answered**
Chosen Option : **3**

Section : **General Intelligence**

Q.1 Pointing to a picture of Rajiv, a lady Neena said, "His sister's father is the only son of my father-in-law." How is Neena related to Rajiv?

Ans

✗ 1. Sister

✗ 2. Granddaughter

✔ 3. Mother

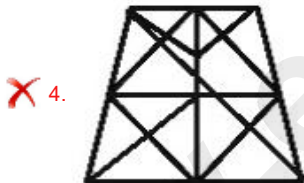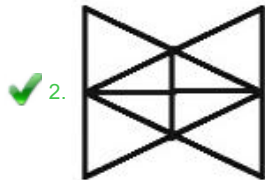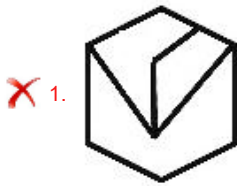✗ 4. Paternal Grandmother

Question ID : **8161612271**
Status : **Answered**
Chosen Option : **3**

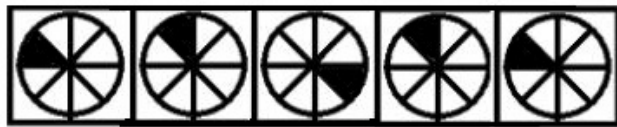**Q.2** Select the option in which the given figure is embedded. (Rotation is NOT allowed)

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Question ID : **8161612279**
Status : **Answered**
Chosen Option : **2**

Q.3 Select the figure that will come next in the following figure series.

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Question ID : **8161612277**
Status : **Answered**
Chosen Option : **1**

Q.4 Which two signs should be interchanged in the given equation to make it correct?

$$4 - 7 \times 28 + 12 \div 3 = 4$$

Ans
✘ 1. − and ÷

✘ 2. × and ÷

✘ 3. × and +

✔ 4. × and −

Question ID : **8161612259**
Status : **Answered**
Chosen Option : **4**

Q.5 Select the option that is related to the third term in the same way as the second term is related to the first term.

EASY : DDNF : : MAKE : ?

Ans
✘ 1. NXPX

✘ 2. XXPN

✘ 3. LFDL

✔ 4. LDFL

Question ID : **8161612268**
Status : **Answered**
Chosen Option : **4**

Q.6 Find the missing number from the below options.

16	30	18
4	34	?
10	32	40

Ans   ✗ 1. 58

✗ 2. 38

✗ 3. 22

✔ 4. 62

Question ID : **8161612261**
Status : **Answered**
Chosen Option : **4**

Q.7 Rahul is three times as old as Amar. Amber was half the age of Rahul three years ago. After four years from now, Rahul will be 43. What are the present ages of Amar and Amber?

Ans   ✗ 1. 13, 18

✗ 2. 39, 21

✗ 3. 38, 21

✔ 4. 13, 21

Question ID : **8161612258**
Status : **Answered**
Chosen Option : **4**

Q.8 Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.

1. State
2. Village
3. District
4. City
5. Country

Ans   ✗ 1. 4,3,5,2,1

✔ 2. 2,4,3,1,5

✗ 3. 1,3,5,2,4

✗ 4. 1,3,5,4,2

Question ID : **8161612265**
Status : **Answered**
Chosen Option : **2**

Q.9 How many triangles are there in the given figure?
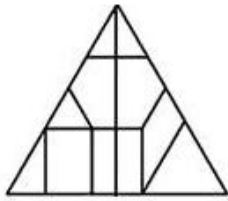
Ans
  ✗ 1. 12
  ✗ 2. 8
  ✔ 3. 10
  ✗ 4. 15

Question ID : 8161612278
Status : **Answered**
Chosen Option : **3**

Q.10 Select the option that is related to the third term in the same way as the second term is related to the first term.

AIDS : VIRUS : : MALARIA : ?

Ans
  ✔ 1. Parasite
  ✗ 2. Nematodes
  ✗ 3. Virus
  ✗ 4. Bacteria

Question ID : 8161612269
Status : **Answered**
Chosen Option : **1**

Q.11 Select the option in which the number set shares the same relationship as that shared by the given number set.

(6, 42, 1890)

Ans
  ✔ 1. (2, 6, 54)
  ✗ 2. (9, 102, 1190)
  ✗ 3. (4, 20, 420)
  ✗ 4. (7, 23, 1069)

Question ID : 8161612262
Status : **Answered**
Chosen Option : **1**

Q.12 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

abcc_ _ _ab_ _ _de_ _ccd_eab_ _ _de

Ans
  ✗ 1. ddecbdccdcda
  ✗ 2. ddeccdabddcc
  ✗ 3. ccdabdccddde
  ✔ 4. ddeccdabdccd

Question ID : 8161612270
Status : **Answered**
Chosen Option : **4**

Q.13 Select the letter cluster that will replace the question mark (?) in the following series.
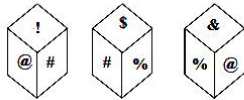
JAM, KEL, LIK, ?, NUI

Ans ✗ 1. MAJ

✗ 2. MEJ

✗ 3. JEM

✔ 4. MOJ

Question ID : 8161612274
Status : **Answered**
Chosen Option : **4**

Q.14 Three different positions of the same dice are shown. Select the symbol that will be on the face opposite to the one having '!'.

Ans ✔ 1. %

✗ 2. #

✗ 3. $

✗ 4. &

Question ID : 8161612276
Status : **Not Answered**
Chosen Option : **--**

Q.15 Select the number that will come next in the following series.

6, 9, 13, 21, 38, 71, ?

Ans ✗ 1. 101

✗ 2. 121

✔ 3. 129

✗ 4. 99

Question ID : 8161612263
Status : **Not Answered**
Chosen Option : **--**

Q.16 Select the option in which the words in the word-pair shares the same relationship as that shared by the given word-pair.

Tiger : Felidae

Ans ✗ 1. Elephant : Canidae

✗ 2. Rabbit : Bovidae

✔ 3. Whale : Cetacea

✗ 4. Lion : Leporidae

Question ID : 8161612272
Status : **Not Answered**
Chosen Option : **--**

Q.17 In a certain code language, KNOWLEDGE is written as DEEGKLNOW. How will SERIAL be written as in the same language?

Ans
✗ 1. AELIRS
✗ 2. AEIRLM
✔ 3. AEILRS
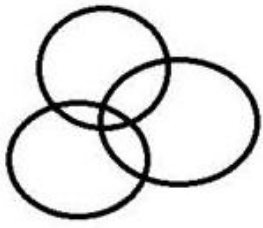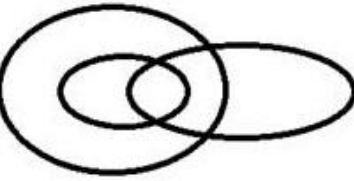✗ 4. AEILRM
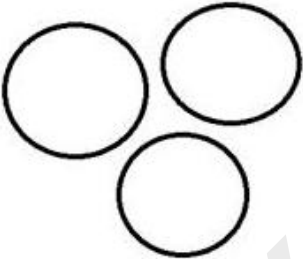
Question ID : 8161612266
Status : **Not Answered**
Chosen Option : --

Q.18 Select the Venn diagram that best represents the relationship between the following classes.

Doctors, Neurosurgeons, Female

Ans
✗ 1.
✔ 2.
✗ 3.
✗ 4.

Question ID : 8161612282
Status : **Answered**
Chosen Option : 2

Q.19 A boy has a total of ₹740 in the denominations of two rupee, five rupee, ten rupee and twenty rupee notes. If the number of each denomination is equal, what is the total number of notes the boy has?

Ans
✗ 1. 40
✗ 2. 20
✗ 3. 60
✔ 4. 80

Question ID : 8161612260
Status : **Answered**
Chosen Option : 4

Q.20 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(1, 2, 2) (7, 35, 5) (12, 96, ?)

Ans

✗ 1. 9

✔ 2. 8

✗ 3. 11

✗ 4. 7

> Question ID : **8161612264**
> Status : **Answered**
> Chosen Option : **2**

Q.21 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:

I. Some men are animals.

II. All trees are rivers.

III. All animals are trees.

Conclusions:

I. Some men are rivers.

II. All rivers are animals.

III. All rivers are men.

IV. All men are trees.

Ans

✗ 1. Only conclusions I and II follow

✗ 2. Only conclusions III and II follow

✔ 3. Only conclusion I follows

✗ 4. Only conclusion IV follows

> Question ID : **8161612275**
> Status : **Answered**
> Chosen Option : **3**

Q.22 In a certain code language, IF is written as 225 and BUT is written as 1849. How will SLIP be written as in that language?

Ans

✗ 1. 6313

✔ 2. 3136

✗ 3. 3163

✗ 4. 1336

> Question ID : **8161612267**
> Status : **Answered**
> Chosen Option : **2**

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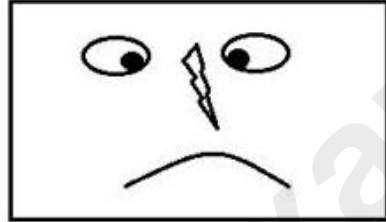

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Question ID : **8161612281**
Status : **Answered**
Chosen Option : **1**

Q.24 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

Ans ✘ 1. ADGPI

✘ 2. OMKLU

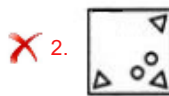✘ 3. ECVMU

✔ 4. VDCKA

Question ID : **8161612273**
Status : **Not Answered**
Chosen Option : **--**

Q.25 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 : **8161612280**
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude(Basic Arithmetic Skill)**

Q.1 In Δ PQR, S and T are mid-points of PQ and PR, respectively. If $\angle QPR = 75^\circ$ and $\angle PRQ = 40^\circ$, then $\angle TSQ$ is:

Ans ✗ 1. 105°

✗ 2. 135°

✔ 3. 115°

✗ 4. 120°

Question ID : **8161612295**
Status : **Answered**
Chosen Option : **3**

Q.2 Tap A can fill a tank in 6 hours, tap B can fill the same tank in 8 hours and tap C can empty the same tank in 4 hours. If all three taps A, B and C are opened together, then how much time (in hours) will be taken to fill the tank?

Ans ✗ 1. 30

✗ 2. 28

✔ 3. 24

✗ 4. 20

Question ID : **8161612283**
Status : **Answered**
Chosen Option : **3**

Q.3 If the measures of the sides of a cuboid are 8 cm, 6 cm and 10 cm, then the volume (in cm^3) of the cuboid, is:

Ans ✗ 1. 540

✗ 2. 840

✗ 3. 680

✔ 4. 480

Question ID : **8161612285**
Status : **Answered**
Chosen Option : **4**

Q.4 If $xy = 16$ and $x^2 + y^2 = 32$, then the value of $(x + y)$ is:

Ans

✗ 1. ± 4

✔ 2. ± 8

✗ 3. ± 10

✗ 4. ± 6

Question ID : **8161612298**
Status : **Answered**
Chosen Option : **2**

Q.5 The value of $(72 + 34) \div 2 + [\{(75 \div 15) + 6\} \times 2]$ is:

Ans

✗ 1. 78

✔ 2. 75

✗ 3. 86

✗ 4. 74

Question ID : **8161612300**
Status : **Answered**
Chosen Option : **2**

Q.6 In a circle two equal and parallel chords are 6 cm apart and lie on the opposite sides of the centre of the circle. If the length of each chord is 8 cm, than the radius of the circle is:

Ans

✗ 1. 7 cm

✗ 2. 2 cm

✗ 3. 3 cm

✔ 4. 5 cm

Question ID : **8161612293**
Status : **Answered**
Chosen Option : **4**

Q.7 To a circle with centre at O, two tangents AP and AQ are drawn from an external point A. If the ∠PAQ = 80°, then the ∠POQ is:

Ans

✗ 1. 70°

✗ 2. 80°

✔ 3. 100°

✗ 4. 90°

Question ID : **8161612292**
Status : **Answered**
Chosen Option : **3**

Q.8 If the average of 35 numbers is 22, the average of the first 17 numbers is 19, and the average of the last 17 numbers is 20, then the 18th number is:

Ans ✗ 1. 133

✗ 2. 132

✔ 3. 107

✗ 4. 108

Question ID : **8161612286**	
Status : **Answered**	
Chosen Option : **3**	

Q.9 The compound interest and the amount obtained, on a certain sum of money are ₹820 and ₹8,820 respectively after 2 years. If the rate of interest compounded yearly, then the rate of interest is:
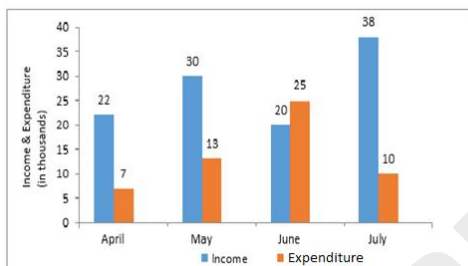
Ans ✗ 1. 6%

✗ 2. 7%

✔ 3. 5%

✗ 4. 8%

Question ID : **8161612291**	
Status : **Answered**	
Chosen Option : **3**	

Q.10 The given bar graph represents the income and expenditure of a person during the four consecutive months, April to July, 2019.

What is the average income of the person?

Ans ✗ 1. ₹20,500

✗ 2. ₹17,500

✗ 3. ₹25,500

✔ 4. ₹27,500

Question ID : **8161612304**	
Status : **Answered**	
Chosen Option : **4**	

Q.11 If 40% of a number is less than its 60% by 30, then the 20% of that number is:

Ans ✗ 1. 40

✗ 2. 50

✔ 3. 30

✗ 4. 60

Question ID : **8161612288**	
Status : **Answered**	
Chosen Option : **3**	

Q.12 If $a + b = 10$ and $\frac{3}{7}$ of $ab = 9$, then the value of $a^3 + b^3$ is:

Ans ✗ 1. 350

✓ 2. 370

✗ 3. 270

✗ 4. 360

Question ID : 8161612296
Status : **Answered**
Chosen Option : **2**

Q.13 If $tan x = \frac{m}{n}$ and $0° \leq x \leq 90°$, then the value of $(sin x + cos x)$ is:

Ans ✗ 1. $\sqrt{m^2 - n^2}$

✗ 2. $\frac{1}{\sqrt{m^2 - n^2}}$

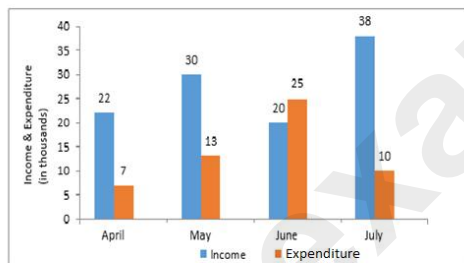✓ 3. $\frac{m+n}{\sqrt{m^2+n^2}}$

✗ 4. $\frac{1}{\sqrt{m^2+n^2}}$

Question ID : 8161612301
Status : **Answered**
Chosen Option : **3**

Q.14 The given bar graph represents the income and expenditure of a person during the four consecutive months, April to July, 2019.

What is the percentage difference between the total income and the total expenditure with respect to the total income?

Ans ✗ 1. 70%

✗ 2. 60%

✗ 3. 65%

✓ 4. 50%

Question ID : 8161612306
Status : **Answered**
Chosen Option : **4**

Q.15 If $sinx - cosx = 0$, then the value of $(sin^3 x - cos^3 x)$ is:

Ans ✗ 1. 1

✗ 2. 4

✔ 3. 0

✗ 4. 2

Question ID : 8161612303
Status : **Answered**
Chosen Option : **3**

Q.16 $\frac{cotx}{1+cosecx} + \frac{1+cosecx}{cotx}$ is equal to:

Ans ✔ 1. $2secx$

✗ 2. $2cosx$

✗ 3. $2sinx$

✗ 4. $2cosecx$

Question ID : 8161612302
Status : **Answered**
Chosen Option : **1**

Q.17 If Ravi sells an old scooter for ₹18,000, then his loss incurred is 10%. If he sells it to gain a profit of 15%, then the selling price is:

Ans ✗ 1. ₹20,000

✔ 2. ₹23,000

✗ 3. ₹24,000

✗ 4. ₹22,000

Question ID : 8161612289
Status : **Answered**
Chosen Option : **2**

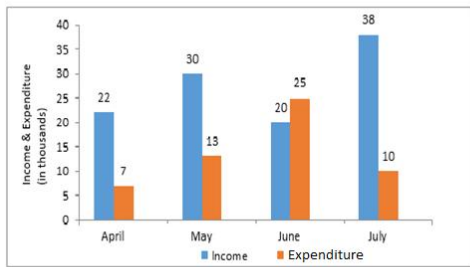**Q.18** If a : b = 3 : 5 and b : c = 2 : 3, then the proportion a : b : c is:

Ans ✗ 1. 3 : 10 : 15

✗ 2. 3 : 10 : 3

✗ 3. 3 : 5 : 3

✔ 4. 6 : 10 : 15

Question ID : 8161612290
Status : **Answered**
Chosen Option : **4**

Q.19 The given bar graph represents the income and expenditure of a person during the four consecutive months, April to July, 2019.

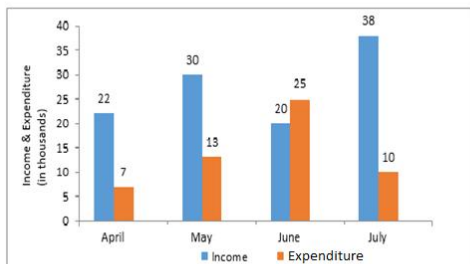What is the average expenditure of the person?

Ans ✔ 1. ₹13,750

✘ 2. ₹17,520

✘ 3. ₹17,250

✘ 4. ₹15,570

Question ID : 8161612305
Status : **Answered**
Chosen Option : **1**

Q.20 The given bar graph represents the income and expenditure of a person during the four consecutive months, April to July, 2019.

What is the percentage of the total expenditure of the total income?

Ans ✔ 1. 50%

✘ 2. 20%

✘ 3. 40%

✘ 4. 30%

Question ID : 8161612307
Status : **Answered**
Chosen Option : **1**

Q.21 The marked price and cost price of a book are ₹850 and ₹748, respectively. The discount in percentage is:

Ans ✘ 1. 8%

✔ 2. 12%

✘ 3. 15%

✘ 4. 10%

Question ID : 8161612287
Status : **Answered**
Chosen Option : **2**

Q.22 A train that is running at the speed of 72 km/h crosses an electric pole in 36 seconds. The length of the train (in metres) is:

Ans ✔ 1. 720 m

✖ 2. 460 m

✖ 3. 360 m

✖ 4. 620 m

Question ID : 8161612284

Status : **Answered**

Chosen Option : **1**

Q.23 In a $\triangle ABC$, DE is parallel to BC where D and E are the points on AB and AC, respectively and AD = 4cm, DB = 8 cm, AE = 3 cm. Length of EC is:

Ans ✖ 1. 7 cm

✔ 2. 6 cm

✖ 3. 5 cm

✖ 4. 9 cm

Question ID : 8161612294

Status : **Answered**

Chosen Option : **2**

Q.24 Find the factors of the expression $3x^2 - 5x - 8$.

Ans ✖ 1. $(x - 1)$ and $(3x - 8)$

✔ 2. $(x + 1)$ and $(3x - 8)$

✖ 3. $(x + 1)$ and $(3x + 8)$

✖ 4. $(x - 1)$ and $(3x + 8)$

Question ID : 8161612297

Status : **Answered**

Chosen Option : **2**

Q.25 If 2794p561 is divisible by 9, then the value of p is:

Ans ✖ 1. 4

✔ 2. 2

✖ 3. 0

✖ 4. 3

Question ID : 8161612299

Status : **Answered**

Chosen Option : **2**

Section : **General Awareness**

Q.1 Which Indian mountain looks like a giant pyramid and has a flat summit area and two peaks?

Ans ✗ 1. Mamostang Kangri

✗ 2. Nanda Devi

✗ 3. Saltoro Kangri

✔ 4. Kamet

Question ID : **8161612322**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Which of the following temples has Panchayatana Style of architecture?

Ans ✗ 1. Kashi Vishwanath temple

✗ 2. Sun Temple

✗ 3. Brihadeeswara Temple

✔ 4. Dashavatara Temple

Question ID : **8161612311**
Status : **Not Answered**
Chosen Option : **--**

Q.3 Which player became the first Indian brand ambassador of La Liga (the top tier of Spanish club football) in December 2019?

Ans ✗ 1. Sachin Tendulkar

✗ 2. Mahendra Singh Dhoni

✔ 3. Rohit Sharma

✗ 4. Virat Kohli

Question ID : **8161612331**
Status : **Not Answered**
Chosen Option : **--**

Q.4 On which date did Indian National Congress pass the Resolution of 'Poorna Swaraj' (total independence) at the Lahore Session?

Ans ✗ 1. 15 December 1929

✔ 2. 19 December 1929

✗ 3. 26 December 1929

✗ 4. 21 December 1929

Question ID : **8161612325**
Status : **Answered**
Chosen Option : **4**

Q.5 Which scientist arranged the Periodic Table of Elements in the order of increasing atomic masses?

Ans ✗ 1. Robert Boyle

✗ 2. Henry Moseley

✔ 3. Dmitri Mendeleev

✗ 4. William Ramsay

Question ID : **8161612319**
Status : **Answered**
Chosen Option : **3**

Q.6 Which of the following monuments has NOT been notified as a National Geo-heritage Monument by the Geological Survey of India (GSI)?

Ans ✔ 1. Gingee Fort Villupuram District, Tamil Nadu

✘ 2. Peninsular Gneiss Lalbagh, Karnataka

✘ 3. Pillow Lava in Iron Ore belt at Nomira, Odisha

✘ 4. Nagahill Ophiolite site near Pungro, Nagaland

Question ID : 8161612323
Status : **Not Answered**
Chosen Option : --

Q.7 Who was sworn in as the 11th Chief Minister of Jharkhand on 29 December 2019?

Ans ✘ 1. Shibu Soren

✘ 2. Alamgir Alam

✔ 3. Hemant Soren

✘ 4. Raghubar Das

Question ID : 8161612312
Status : **Answered**
Chosen Option : **3**

Q.8 What is the chemical name of 'oil of vitriol'?

Ans ✘ 1. Methyl alcohol

✘ 2. Sodium chloride

✘ 3. Calcium hydroxide

✔ 4. Sulfuric acid

Question ID : 8161612317
Status : **Answered**
Chosen Option : **1**

Q.9 Which child activist became the first Indian to be awarded the 'Changemaker Award 2019' (given by the Bill and Melinda Gates Foundation) for her work towards abolition of child marriage in Rajasthan?

Ans ✘ 1. Kanchan Upadhaya

✘ 2. Ridhima Pandey

✔ 3. Payal Jangid

✘ 4. Ayushi Dholakia

Question ID : 8161612327
Status : **Not Answered**
Chosen Option : --

Q.10 In DASD, what is the full form of 'A'?

Ans ✘ 1. Arithmetic

✘ 2. Around

✔ 3. Access

✘ 4. Accessible

Question ID : 8161612308
Status : **Not Answered**
Chosen Option : --

Q.11 Which festival marks the beginning of the Tibetan New Year?

Ans ✔ 1. Losar festival

✘ 2. Saga Dawa Festival

✘ 3. Ongkor Festival

✘ 4. Shoton Festival

Question ID : **8161612310**
Status : **Not Answered**
Chosen Option : **--**

Q.12 When was the 'Rajiv Gandhi Khel Ratna Award' instituted?

Ans ✘ 1. 2002-03

✔ 2. 1991–92

✘ 3. 1985-86

✘ 4. 1993-94

Question ID : **8161612330**
Status : **Answered**
Chosen Option : **2**

Q.13 Which instrument records the waves reaching the surface during an earthquake?

Ans ✔ 1. Seismograph

✘ 2. Manometer

✘ 3. Barograph

✘ 4. Chronometer

Question ID : **8161612321**
Status : **Answered**
Chosen Option : **1**

Q.14 Which Indian economist was appointed as the Chief Economist of the World Bank from 2012 to 2016?

Ans ✘ 1. Jagdish Bhagwati

✘ 2. Raghuram Rajan

✔ 3. Kaushik Basu

✘ 4. Indraprasad Gordhanbhai Patel

Question ID : **8161612316**
Status : **Not Answered**
Chosen Option : **--**

Q.15 What was India's rank in the world in terms of military power as per the 'Global Firepower Nations Index 2019'?

Ans ✘ 1. 5th

✔ 2. 4th

✘ 3. 9th

✘ 4. 3rd

Question ID : **8161612314**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Which former badminton player of India was awarded the 'Sportstar Lifetime Achievement Award' in February 2019?

Ans ✗ 1. Pullela Gopichand

✓ 2. Prakash Padukone

✗ 3. Sanave Thomas

✗ 4. Chetan Anand

Question ID : **8161612332**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Which of the following prominent leaders wrote the book 'Citizen Delhi: My Life, My Times'?

Ans ✗ 1. Arun Jaitley

✓ 2. Sheila Dikshit

✗ 3. Harsh Vardhan

✗ 4. Arvind Kejriwal

Question ID : **8161612326**
Status : **Answered**
Chosen Option : **2**

Q.18 As per state census 2011, which of the following is the least populous state of India?

Ans ✗ 1. Kerala

✗ 2. Odisha

✗ 3. Tamil Nadu

✓ 4. Sikkim

Question ID : **8161612320**
Status : **Answered**
Chosen Option : **4**

Q.19 On December 2019, the Prime Minister of _____ announced the commencement of the 'Gandhi Citizenship Education Award' to be given every year.

Ans ✗ 1. France

✓ 2. Portugal

✗ 3. Bhutan

✗ 4. Japan

Question ID : **8161612313**
Status : **Not Answered**
Chosen Option : **--**

Q.20 In which year did Motilal Nehru (Chairman) and eight other Congress leaders draft a constitution for India?

Ans ✗ 1. 1930

✓ 2. 1928

✗ 3. 1925

✗ 4. 1950

Question ID : **8161612328**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Who designed the first analog computer in India?

Ans
- ✔ 1. Samarendra Kumar Mitra
- ✘ 2. Bimal Kumar Bhattacharyya
- ✘ 3. Deb Kumar Bose
- ✘ 4. Subodh Chandra Das Gupta

Question ID : **8161612309**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Which planet is made up of thick white and yellowish clouds of sulfuric acid?

Ans
- ✘ 1. Uranus
- ✘ 2. Mars
- ✔ 3. Venus
- ✘ 4. Neptune

Question ID : **8161612318**
Status : **Answered**
Chosen Option : **1**

Q.23 Which of the following pairs is INCORRECTLY matched?

Ans
- ✘ 1. Hindustan Aeronautics Limited – Navratna
- ✔ 2. Airport Authority of India – Navratna
- ✘ 3. Indian Oil Corporation Limited – Maharatna
- ✘ 4. Bharat Sanchar Nigam Limited – Miniratna

Question ID : **8161612315**
Status : **Not Answered**
Chosen Option : **--**

Q.24 What is the provision of Article 49 of the Constitution of India?

Ans
- ✘ 1. Provision for free and compulsory education for children
- ✔ 2. Protection of monuments and places and objects of natural importance
- ✘ 3. Prohibition of employment of children (Under the age of 14) in factories and mines
- ✘ 4. Promotion of international peace and security

Question ID : **8161612329**
Status : **Not Answered**
Chosen Option : **--**

Q.25 In which language were the Mughal court chronicles written?

Ans
- ✘ 1. Hindi
- ✘ 2. Urdu
- ✘ 3. Sanskrit
- ✔ 4. Persian

Question ID : **8161612324**
Status : **Answered**
Chosen Option : **4**