Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	**Join Telegram for** GK,**Static** GK
Candidate Name	**Join Telegram for** GK,**Static** GK
Venue Name	Oriental Association For Education And Research
Exam Date	26/05/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL 2021 Tier I

Section : **English Language**

Q.1 Select the most appropriate option that can substitute the underlined segment in the given sentence.

In order to win the competition, one has to be <u>creative</u>.

Ans ✗ 1. most creative

✓ 2. more creative

✗ 3. creativest

✗ 4. creativer

Question ID : **26433042774**
Status : **Answered**
Chosen Option : **1**

Q.2 Select the option that can be used as a one-word substitute for the given group of words.
Eternal; lasting forever or indefinitely

Ans ✗ 1. Peristyle

✓ 2. Perpetual

✗ 3. Perplex

✗ 4. Permissive

Question ID : **26433040101**
Status : **Answered**
Chosen Option : **1**

Q.3 Select the INCORRECTLY spelt word.

Ans ✗ 1. Cavalier

✗ 2. Elegant

✓ 3. Charishma

✗ 4. Dominate

Question ID : **26433045522**
Status : **Answered**
Chosen Option : **1**

Q.4 Select the most appropriate option to substitute the underline segment in the given sentence.
The Ukranian soldiers <u>passed in</u> for several weeks.

Ans ✗ 1. hanged to

✗ 2. get off

✓ 3. held out

✗ 4. hanged in

Question ID : **26433042818**
Status : **Answered**
Chosen Option : **3**

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

We should _____ his outfit as he has put on weight.

Ans ✔ 1. alter

✘ 2. altar

✘ 3. ultra

✘ 4. utter

Question ID : **26433042794**
Status : **Answered**
Chosen Option : **1**

Q.6 Select the most appropriate synonym of the given word.
Sanguinity

Ans ✘ 1. Acrimony

✘ 2. Despondence

✔ 3. Optimism

✘ 4. Distrust

Question ID : **26433042984**
Status : **Answered**
Chosen Option : **3**

Q.7 Select the correct homonym from the given options to fill in the blank.
The French perfume has a wonderful_____

Ans ✘ 1. sent

✘ 2. send

✔ 3. scent

✘ 4. cent

Question ID : **26433045539**
Status : **Answered**
Chosen Option : **3**

Q.8 Select the option that expresses the given sentence in active voice.
The new bride is going to be admired by everyone in the family.

Ans ✔ 1. Everybody in the family is going to admire the new bride.

✘ 2. Everybody in the family was admiring the new bride.

✘ 3. Everybody in the family has been going to admire the new bride.

✘ 4. Everybody in the family was going to admire the new bride.

Question ID : **26433043035**
Status : **Answered**
Chosen Option : **1**

Q.9 Select the option that can be used as a one-word substitute for the underlined group
of words.
Mohan frequently wastes his money on luxurious objects such as cars and digital
devices.

Ans ✔ 1. Extravagant

✘ 2. Businessman

✘ 3. Consumer

✘ 4. Capitalist

Question ID : **26433045426**
Status : **Answered**
Chosen Option : **1**

Q.10 Select the most appropriate meaning of the given idiom.
Safe pair of hands

Ans ✗ 1. Miss an opportunity

✗ 2. Speak rashly without thinking carefully

✗ 3. A secret or hidden advantage

✓ 4. A person who can be trusted to do something efficiently

Question ID : **26433039848**	
Status : **Answered**	
Chosen Option : **4**	

Q.11 Select the option that can be used as a one-word substitute for the given group of words.
An outlook that is influenced by people from all over the world

Ans ✓ 1. Cosmopolitan

✗ 2. Epitome

✗ 3. Unrefined

✗ 4. Cantonment

Question ID : **26433039897**	
Status : **Answered**	
Chosen Option : **1**	

Q.12 Select the option that expresses the given sentence in active voice.
Admittance was refused to him by the airport security.

Ans ✗ 1. The airport security is refusing him admittance.

✗ 2. The airport security has refused him admittance.

✗ 3. The airport security had refused him admittance .

✓ 4. The airport security refused him admittance.

Question ID : **26433039755**	
Status : **Answered**	
Chosen Option : **4**	

Q.13 Select the most appropriate option that can substitute the underlined segment in the given sentence.
I told Pooja <u>that she could have use my car to get around</u> while she is in my hometown.

Ans ✗ 1. that she could have use my car to get around with

✓ 2. that she can use my car to get around

✗ 3. that she could have use my car to get away

✗ 4. that she can use my car to get away with

Question ID : **26433040126**	
Status : **Not Answered**	
Chosen Option : **--**	

Q.14 Select the INCORRECTLY spelt word.

Ans ✗ 1. Gothic

✗ 2. Neutron

✗ 3. Frosty

✓ 4. Decieve

Question ID : **26433043059**	
Status : **Answered**	
Chosen Option : **4**	

Q.15 From among the words given in bold, select the INCORRECTLY spelt word in the following sentence.
Almost all the governors of Bengal strongly resented the special privileges enjoyed by English company as it meant a huge loss to the provinciel exchequer.

Ans ✔ 1. provinciel

✘ 2. resented

✘ 3. exchequer

✘ 4. privileges

Question ID : 26433043163
Status : **Answered**
Chosen Option : **1**

Q.16 Select the option that expresses the given sentence in passive voice.
The government presented awards to eminent people.

Ans ✔ 1. Eminent people were presented awards by the government.

✘ 2. Eminent people are presented awards by the government.

✘ 3. Eminent people are being presented awards by the government.

✘ 4. Eminent people were being presented awards by the government.

Question ID : 26433039715
Status : **Answered**
Chosen Option : **1**

Q.17 Select the most appropriate option that can substitute the underlined word in the given sentence.

Due to his hard work, he established a succesful career.

Ans ✔ 1. successful

✘ 2. sucessful

✘ 3. sucessfful

✘ 4. sucessfull

Question ID : 26433042786
Status : **Answered**
Chosen Option : **1**

Q.18 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.
A. Dumbledore tells McGonagall that someone named Voldemort has killed a Mr. and Mrs. Potter and tried unsuccessfully to kill their baby son, Harry.
B. Dumbledore leaves Harry with an explanatory note in a basket in front of the Dursley home.
C. Mr. Dursley, a well-off Englishman, notices strange happenings on his way to work one day.
D. That night, Albus Dumbledore, the head of a wizardry academy called Hogwarts, meets Professor McGonagall, who also teaches at Hogwarts, and a giant named Hagrid outside the Dursley home.

Ans ✘ 1. BCAD

✘ 2. DCAB

✘ 3. ADBC

✔ 4. CDAB

Question ID : 26433042881
Status : **Answered**
Chosen Option : **4**

Q.19 Select the most appropriate synonym of the underlined word.

We <u>expended</u> most of our savings on this tour.

Ans ✔ 1. exhausted

✘ 2. earned

✘ 3. enjoyed

✘ 4. encashed

Question ID : **26433042795**

Status : **Answered**

Chosen Option : **4**

Q.20 Select the most appropriate meaning of the given idiom.
Let down

Ans ✘ 1. To hire

✘ 2. To care about

✔ 3. To fail

✘ 4. To nurse

Question ID : **26433042941**

Status : **Answered**

Chosen Option : **3**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Trust is (1) _____ confidence, faith and hope in someone or something. There are many ways to show trust. If you want to be trusted, just be (2)_____. Trust takes years to build, seconds to (3) _____ and forever to repair. Trust is like a mirror you can fix if (4) _____ but still see the cracks in that reflection. Whether it is a friendship or a relationship, all (5)_____ are based on trust.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

Ans ✘ 1. bonding

✔ 2. showing

✘ 3. using

✘ 4. choosing

Question ID : **26433045683**

Status : **Answered**

Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Trust is (1) _____ confidence, faith and hope in someone or something. There are many ways to show trust. If you want to be trusted, just be (2)_____. Trust takes years to build, seconds to (3) _____ and forever to repair. Trust is like a mirror you can fix if (4) _____ but still see the cracks in that reflection. Whether it is a friendship or a relationship, all (5)_____ are based on trust.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

Ans ✗ 1. calm

✓ 2. honest

✗ 3. extraordinary

✗ 4. heroic

Question ID : **26433045684**	
Status : **Answered**	
Chosen Option : **2**	

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Trust is (1) _____ confidence, faith and hope in someone or something. There are many ways to show trust. If you want to be trusted, just be (2)_____. Trust takes years to build, seconds to (3) _____ and forever to repair. Trust is like a mirror you can fix if (4) _____ but still see the cracks in that reflection. Whether it is a friendship or a relationship, all (5)_____ are based on trust.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

Ans ✗ 1. crack

✗ 2. change

✓ 3. break

✗ 4. burst

Question ID : **26433045685**	
Status : **Answered**	
Chosen Option : **3**	

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Trust is (1) _____ confidence, faith and hope in someone or something. There are many ways to show trust. If you want to be trusted, just be (2)_____. Trust takes years to build, seconds to (3) _____ and forever to repair. Trust is like a mirror you can fix if (4) _____ but still see the cracks in that reflection. Whether it is a friendship or a relationship, all (5)_____ are based on trust.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

Ans ✓ 1. broken

✗ 2. bent

✗ 3. changed

✗ 4. mended

Question ID : **26433045686**	
Status : **Answered**	
Chosen Option : **1**	

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Trust is (1) _____ confidence, faith and hope in someone or something. There are many ways to show trust. If you want to be trusted, just be (2)_____. Trust takes years to build, seconds to (3) _____ and forever to repair. Trust is like a mirror you can fix if (4) _____ but still see the cracks in that reflection. Whether it is a friendship or a relationship, all (5)_____ are based on trust.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

Ans   ✗ 1. strategies

      ✗ 2. tricks

      ✗ 3. practices

      ✔ 4. bonds

Question ID : **26433045687**
Status : **Answered**
Chosen Option : **4**

Section : **General Intelligence**

Q.1 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one showing '2'.
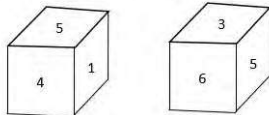
Ans   ✗ 1. 6

      ✗ 2. 4

      ✗ 3. 3

      ✔ 4. 5

Question ID : **26433040785**
Status : **Answered**
Chosen Option : **4**

Q.2 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.
SOCCER : OSFFRE :: ROLLER : OROORE :: TOPPER : ?

Ans   ✗ 1. TOERPK

      ✔ 2. OTSSRE

      ✗ 3. OTPPRE

      ✗ 4. TOSSRE

Question ID : **26433043241**
Status : **Answered**
Chosen Option : **2**

Q.3 If P denotes '×', Q denotes '÷', R denotes '+' and S denotes '−', then what will come in place of '?' in the following equation?
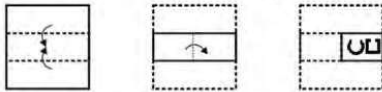**(40 Q 4) P 5 R (3 P 6) S (7 P 8) R 21 = ?**

Ans   ✔ 1. 33

      ✗ 2. 30

      ✗ 3. 40

      ✗ 4. 35

Question ID : **26433043358**
Status : **Answered**
Chosen Option : **1**

Q.4 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 : **26433043533**
Status : **Answered**
Chosen Option : **2**

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 and the sixth term is related to the fifth term.
5 : 14 :: 12 : ? :: 17 : 86

Ans ✗ 1. 51

✓ 2. 56

✗ 3. 67

✗ 4. 63

Question ID : **26433045037**
Status : **Not Answered**
Chosen Option : **--**

Q.6 In a certain code language, 'HELP' is written as '1652432' and 'SAVE' is written as '381445'. How will 'MAIL' be written in that language?

Ans ✗ 1. 261926

✓ 2. 261924

✗ 3. 261934

✗ 4. 261928

Question ID : **26433040767**
Status : **Answered**
Chosen Option : **2**

Q.7 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.

Ans ✓ 1. 13 : 28.5

✗ 2. 15 : 32.5

✗ 3. 19 : 38.5

✗ 4. 17 : 35.5

Q.8 R is the brother of N. R is the only son of K. S is the only daughter-in-law of K. How is N related to S?

Ans ✗ 1. Sister

✗ 2. Daughter

✗ 3. Mother

✓ 4. Husband's sister

Q.9 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(56, 8, 15)
(32, 16, 18)
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

Ans ✗ 1. (75, 5, 15)

✗ 2. (70, 5, 13)

✓ 3. (66, 6, 17)

✗ 4. (68, 4, 17)

Q.10 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

M
BanGAloRe |
N

Ans ✗ 1. ЯolAƆnɒB

✓ 2. ɘЯolAƆnɒB

✗ 3. ɘЯolɒƆnɒB

✗ 4. ЯolAƆnɒB

Q.11 Three Statements are given followed by Three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
All ants are beetles.
No beetle is a frog.
Some frogs are bugs.

Conclusions:
I. Some bugs are ants.
II. No bug is a beetle.
III. No frog is an ant.

Ans ✗ 1. Both conclusions I and II follow.

✔ 2. Only conclusion III follows.

✗ 3. Only conclusion I follows.

✗ 4. Both conclusions I and III follow.

Question ID : **26433043201**
Status : **Answered**
Chosen Option : **2**

Q.12 The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number-pairs EXCEPT one. Find that odd number-pair.

Ans ✗ 1. 25 : 3

✗ 2. 64 : 6

✔ 3. 100 : 9

✗ 4. 81 : 7

Question ID : **26433040349**
Status : **Answered**
Chosen Option : **3**

Q.13 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. When '3' is at the bottom, which number will be on the top?
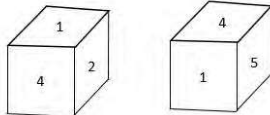
Ans ✗ 1. 1

✗ 2. 3

✗ 3. 5

✔ 4. 4

Question ID : **26433040771**
Status : **Answered**
Chosen Option : **4**

Q.14 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

M
|
r 8 2 4 a f
|
N

Ans

1. ɿ8૨૫ɒʇ
2. ʇɒ૫૨8ɿ
3. ɿ8૨૫ɒʇ
4. ✓ ʇɒ૫૨8ɿ

	Question ID : **26433038565**
	Status : **Answered**
	Chosen Option : **4**

Q.15 In a certain code language, 'WAVE' is coded as '426522' and 'SOUND' is coded as '81261323'. How will 'LIGHT' be coded in that language?

Ans
1. 131820197
2. ✓ 151820197
3. 151820166
4. 151880197

	Question ID : **26433043412**
	Status : **Answered**
	Chosen Option : **2**

Q.16 The birth date of Viaan is 9 March 2002. Find the day of the week of that day.

Ans
1. ✓ Saturday
2. Tuesday
3. Monday
4. Friday

	Question ID : **26433040750**
	Status : **Not Answered**
	Chosen Option : **--**

Q.17 Which letter-cluster will replace the question mark (?) to complete the given series?
TBNF, CJUL, LRBR, UZIX, ?

Ans
1. CHPC
2. DHPC
3. CHPD
4. ✓ DHPD

	Question ID : **26433045994**
	Status : **Answered**
	Chosen Option : **4**

Q.18 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
39*4*61*18*4*49*7*30

Ans ✗ 1. +,−,=,×,−,+,÷

✗ 2. +,−,=,×,−,×,+

✓ 3. ×,−,=, ×,−,÷,+

✗ 4. =,−,+,×,−,÷,−

Question ID : **26433040248**

Status : **Not Answered**

Chosen Option : **--**

Q.19 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row: 17, 26, 60
Second row:8, 15, 31
Third row: 11, 19, ?
(NOTE: Operations should be performed on the whole numbers, without breaking down the number into its constituent digits. For example, 13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans ✗ 1. 52

✓ 2. 41

✗ 3. 48

✗ 4. 50

Question ID : **26433043320**

Status : **Answered**

Chosen Option : **2**

Q.20 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
50 * 2 * 3 * 30 * 10 * 40 * 20

Ans ✗ 1. =, ×, ×, +, −, ÷

✗ 2. −, ÷, ×, ×, =, ×

✗ 3. =, ×, +, ×, −, ÷

✓ 4. ×, =, ×, ×, −, ×

Question ID : **26433040717**

Status : **Answered**

Chosen Option : **4**

Q.21 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs, EXCEPT one. Find that odd number pair.

Ans ✓ 1. 24 : 8

✗ 2. 16 : 4

✗ 3. 48 : 12

✗ 4. 20 : 5

Question ID : **26433040653**

Status : **Answered**

Chosen Option : **1**

Q.22 Which of the following numbers will replace the question mark (?) in the given series?
23, 28, 280, 295, 5900, ?
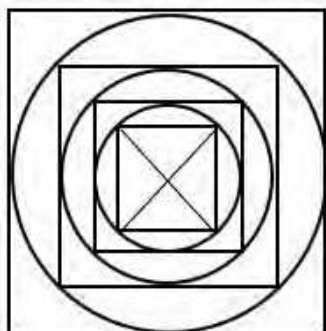
Ans ✗ 1. 5920

   ✗ 2. 5935

   ✓ 3. 5925

   ✗ 4. 5930

Q.23 In a certain code language, 'DUCK' is written as 'FSEI' and 'FISH' is written as 'HGUF'.
How will 'FROG' be written in that language?

Ans ✗ 1. HEPQ

   ✗ 2. HQPE

   ✗ 3. HPEQ

   ✓ 4. HPQE

Q.24 How many triangles are there in the given figure?

Ans ✗ 1. 10

   ✗ 2. 20

   ✓ 3. 8

   ✗ 4. 18

Q.25 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.
_ M o N _ _ _ o M _ _ o _ _o M _ N o J o

Ans ✗ 1. o o J o o N J o M

   ✓ 2. o o J o o N J o o

   ✗ 3. o M J o o N J o o

   ✗ 4. M o J o o N J o o

Section : **Quantitative Aptitude**

Q.1 Simplify the following expression.

$$9\frac{1}{5} \div \{(16\frac{1}{5} \div \overline{12\frac{2}{3} - 9\frac{2}{3}}) + 17\frac{1}{2} \text{ of } 3\frac{1}{21}\}$$

Ans

✗ 1. $\dfrac{139}{881}$

✗ 2. $\dfrac{137}{881}$

✗ 3. $\dfrac{140}{881}$

✓ 4. $\dfrac{138}{881}$

Question ID : **26433043918**
Status : **Answered**
Chosen Option : **4**

Q.2 If the diameter of a solid hemisphere is 14 cm, then what will be its total surface area? $(\pi = \frac{22}{7})$

Ans

✓ 1. 462 cm^2

✗ 2. 362 cm^2

✗ 3. 486 cm^2

✗ 4. 261 cm^2

Question ID : **26433044130**
Status : **Answered**
Chosen Option : **1**

Q.3 A and B working separately can do a piece of work in 21 and 24 days, respectively. If they work for a day alternately with A beginning the work, it would be completed in _____.

Ans

✗ 1. $24\frac{1}{8}$ days

✗ 2. $21\frac{3}{8}$ days

✓ 3. $22\frac{3}{8}$ days

✗ 4. $22\frac{1}{8}$ days

Question ID : **26433042623**
Status : **Answered**
Chosen Option : **3**

Q.4 The third proportional to 81 and 27 is:

Ans ✗ 1. 8

  ✗ 2. 6

  ✗ 3. 7

  ✓ 4. 9

Question ID : **26433044102**

Status : **Answered**

Chosen Option : **4**

Q.5 The marked price of a study table is ₹3,200. It will be offered for ₹2,448 after two successive discounts. If the first discount is 10%, the second discount is:

Ans ✗ 1. 13%

  ✗ 2. 10%

  ✓ 3. 15%

  ✗ 4. 18%

Question ID : **26433044029**

Status : **Answered**

Chosen Option : **1**

Q.6 If the 3-digit number 2x3 is divisible by 3, then the value of $x^2 + x$ is (consider the maximum value of x):

Ans ✗ 1. 7

  ✗ 2. 20

  ✓ 3. 56

  ✗ 4. 2

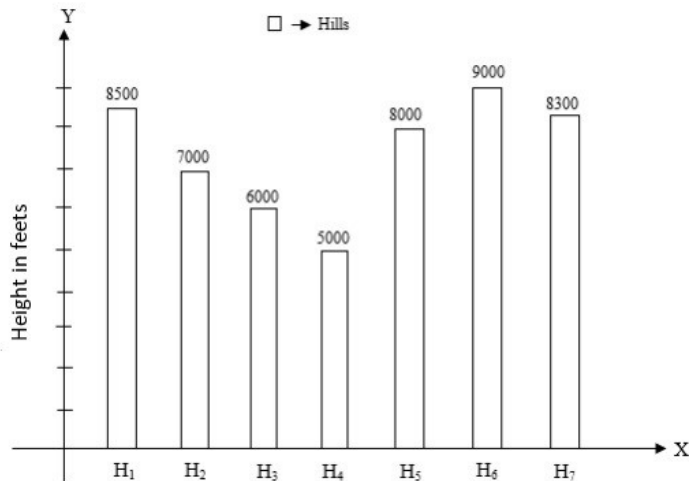Question ID : **26433042552**

Status : **Answered**

Chosen Option : **3**

Q.7 A given bar chart shows the heights of seven hills. Study the graph and answer the question that follows.

Which hill is the third highest?

Ans   ✗ 1. H_3

   ✗ 2. H_2

   ✓ 3. H_7

   ✗ 4. H_5

Question ID : **26433042667**
Status : **Answered**
Chosen Option : **3**

Q.8 In an election between two candidates, 10% of the voters did not cast their vote and 5% of the votes polled were found invalid. The successful candidate got 55% of the valid votes and won by a majority of 1710 votes. How many voters were enrolled?

Ans   ✓ 1. 20000

   ✗ 2. 21000

   ✗ 3. 19000

   ✗ 4. 20500

Question ID : **26433041420**
Status : **Answered**
Chosen Option : **1**

Q.9 15 identical solid spherical balls of radius 5 cm are melted to form a single sphere. In this process, 35% of the mass is wasted. What is the radius (in cm) of the single sphere that is now formed? [Use π = 22/7, and give your answer correct to two decimal places.]

Ans   ✗ 1. 12.68 cm

   ✗ 2. 16.68 cm

   ✓ 3. 10.68 cm

   ✗ 4. 34.68 cm

Question ID : **26433039326**
Status : **Answered**
Chosen Option : **3**

Q.10 If $\left(x + \frac{1}{x}\right) = \frac{11}{5}$, what is the value of $\left(x^3 + \frac{1}{x^3}\right)$?

Ans
✔ 1. $4\frac{6}{125}$

✘ 2. $5\frac{101}{125}$

✘ 3. $10\frac{81}{125}$

✘ 4. $17\frac{31}{125}$

Question ID : **26433044331**

Status : **Answered**

Chosen Option : **1**

Q.11 The side of a square is 5 cm. If the side is doubled, by how many times will the area of the square increase?

Ans ✘ 1. 3 times

✘ 2. 2 times

✘ 3. 5 times

✔ 4. 4 times

Question ID : **26433044055**

Status : **Answered**

Chosen Option : **4**

Q.12 A bus goes to Mumbai from Delhi at the speed of 60 km/h for 60% of the journey, and covers the remaining part of its journey at the speed of 70 km/h. What is the average speed of the bus (in km/h) during the entire journey under consideration?

Ans ✘ 1. 67

✔ 2. 64

✘ 3. 66

✘ 4. 65

Question ID : **26433039105**

Status : **Answered**

Chosen Option : **2**

Q.13 The following table shows the production of five types of cars by a company for the years 2012 to 2015.

Years / Types of cars	2012	2013	2014	2015	Total
D1	7	21	17	6	51
D2	15	11	15	14	55
D3	20	15	12	13	60
D4	5	8	9	25	47
D5	19	15	18	15	67
Total	66	70	71	73	280

Which type of car constituted 30% of all cars produced by the company during 2013 ?

Ans ✗ 1. D4

✔ 2. D1

✗ 3. D3

✗ 4. D2

Q.14 A manufacturer sells an item to a wholesale dealer at a profit of 11%. The wholesaler sells the same to a retailer at a profit of 15%. The retailer in turn sells it to a customer for ₹17,045, thereby earning a profit of 19%. The cost price of the manufacturer is (consider integral part only):

Ans ✗ 1. ₹13,520

✗ 2. ₹15,020

✗ 3. ₹10,200

✔ 4. ₹11,220

Q.15 In an examination, the average marks of 60 girls is 15 and the average marks of 40 boys is 30. The average marks of the group in which the boys and girls are taken together is:

Ans ✗ 1. 15

✔ 2. 21

✗ 3. 24

✗ 4. 60

Q.16 If $1 + x^2 + x^4 = 585$ and $1 - x + x^2 = 65$, then find the value of $1 + x + x^2$.

Ans ✗ 1. 8

✗ 2. 7

✗ 3. 6

✔ 4. 9

Q.17 A grocer has a sale of ₹8,435, ₹8,927, ₹8,855, ₹9,230 and ₹8,562 in 5 consecutive weeks. How much sale must he have in the 6th week so that he gets an average sale of ₹8,500?

Ans
 ✗ 1. ₹7009
 ✗ 2. ₹6997
 ✓ 3. ₹6991
 ✗ 4. ₹7011

Question ID : **26433039515**
Status : **Answered**
Chosen Option : **3**

Q.18 Ram is travelling at a speed of 72 km per hour while Shyam is travelling at a speed of 90 km per hour. What is the difference in their speeds (in metres per second)?

Ans
 ✓ 1. 5
 ✗ 2. 4
 ✗ 3. 6
 ✗ 4. 7

Question ID : **26433042709**
Status : **Answered**
Chosen Option : **1**

Q.19 A tractor is sold after allowing three successive discounts of 10%, 5% and 2%. If the marked price of the tractor is Rs 4,88,000, find its net selling price.

Ans
 ✗ 1. Rs 5,08,895.2
 ✗ 2. Rs 4,49,895.06
 ✗ 3. Rs 4,18,895.45
 ✓ 4. Rs 4,08,895.2

Question ID : **26433039164**
Status : **Answered**
Chosen Option : **4**

Q.20 If a = 2022, b = 2021 and c = 2020, then value of $a^2 + b^2 + c^2 - ab - bc - ca$ is:

Ans
 ✗ 1. 2
 ✗ 2. 4
 ✓ 3. 3
 ✗ 4. 1

Question ID : **26433039580**
Status : **Answered**
Chosen Option : **3**

Q.21 The pie-chart given below shows the monthly expenditures made by a family under different heads as percentages of the total monthly income of the family. If the total monthly income of the family is ₹70,000, then what is the monthly expenditure incurred by the family on house rent?

Expenditure
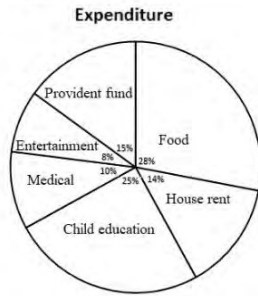
Ans   ✘ 1. ₹9,600

   ✘ 2. ₹9,500

   ✘ 3. ₹9,700

   ✔ 4. ₹9,800

Q.22 Calculate the difference between the compound interest and the simple interest on a sum of ₹5,000 at the rate of 8% for 3 years. (to nearest ₹)

Ans   ✘ 1. ₹108

   ✘ 2. ₹105

   ✘ 3. ₹102

   ✔ 4. ₹99

Q.23 Two parallel chords are drawn in a circle of diameter 10 m. The length of one chord is 8 m and the distance between the two chords is 6 m. Find the length of the other chord.

Ans   ✘ 1. 10 m

   ✘ 2. 6 m

   ✘ 3. 4 m

   ✔ 4. 8 m

Q.24 Evaluate the following expression:

$3 \tan^2 45° + 2 \cos 60° - 2 \sin 30°$

Ans   ✔ 1. 3

   ✘ 2. 4

   ✘ 3. 0

   ✘ 4. 2

Q.25 If the price of rice is raised by 20%, then by what percentage should a person reduce his consumption of rice so that his expenditure remains the same? (correct to one decimal place)

Ans ✗ 1. 14.7%

    ✗ 2. 18.7%

    ✓ 3. 16.7%

    ✗ 4. 12.7%

	Question ID : **26433041298**
	Status : **Answered**
	Chosen Option : **3**

Section : **General Awareness**

Q.1 Which Indian woman hockey player was made the brand ambassador of the Centre's 'Beti Bachao, Beti Padhao' scheme for Haridwar district in August 2021?

Ans ✓ 1. Vandana Katariya

    ✗ 2. Manpreet Kaur

    ✗ 3. Rashmita Minz

    ✗ 4. Rajani Etimarpu

	Question ID : **26433044410**
	Status : **Answered**
	Chosen Option : **1**

Q.2 What is the distance of the Marathon race?

Ans ✓ 1. 42.195 km

    ✗ 2. 46.195 km

    ✗ 3. 43.195 km

    ✗ 4. 44.195 km

	Question ID : **26433042205**
	Status : **Answered**
	Chosen Option : **1**

Q.3 Which Indian musician won a Grammy twice for Danny Boyle's film Slumdog Millionaire in 2010?

Ans ✓ 1. AR Rahman

    ✗ 2. Vishal Bharadwaj

    ✗ 3. Bappi Lahiri

    ✗ 4. Pritam Chakraborty

	Question ID : **26433044568**
	Status : **Answered**
	Chosen Option : **1**

Q.4 Who among the following is associated with the Tabla?

Ans ✗ 1. Hariprasad Chaurasia

    ✗ 2. Sultan Khan

    ✓ 3. Zakir Hussain

    ✗ 4. Amjad Ali Khan

	Question ID : **26433038823**
	Status : **Answered**
	Chosen Option : **3**

Q.5 Which element replaced eka aluminium according to the Mendeleev's periodic table?

Ans ✗ 1. Boron

✗ 2. Geranium

✓ 3. Gallium

✗ 4. Sodium

Question ID : **26433039418**
Status : **Not Answered**
Chosen Option : **--**

Q.6 In which year was the POSHAN Abhiyaan launched to emphasise the nutritional status of adolescent girls, pregnant women, lactating mothers, and children in the age group of 0-6 years?

Ans ✗ 1. 2016

✗ 2. 2019

✗ 3. 2017

✓ 4. 2018

Question ID : **26433044749**
Status : **Not Answered**
Chosen Option : **--**

Q.7 Who among the following versatile musicians of India won the Best Music Director National Award for the Hindi movie 'Rudaali' and was also known as the 'Bard of Brahmaputra'?

Ans ✓ 1. Bhupen Hazarika

✗ 2. Manas Robin

✗ 3. Joi Barua

✗ 4. Jayanta Hazarika

Question ID : **26433042326**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Ashish Sankrityayan is an exponent of _____ music.

Ans ✗ 1. Odissi

✓ 2. Dhrupad

✗ 3. Thumri

✗ 4. Kajari

Question ID : **26433038758**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Who among the following writers has written the famous Hindi novel 'Godan'?

Ans ✗ 1. Mahadevi Verma

✗ 2. Jai Shankar Prasad

✗ 3. Amrita Pritam

✓ 4. Munshi Premchand

Question ID : **26433041704**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Who among the following personalities is a Padma Vibhushan, legendary Indian Classical Dancer behind reviving the classical dance form of Odissi in the 20th century?

Ans ✗ 1. Surendra Nath Jena

   ✗ 2. Gangadhar Pradhan

   ✗ 3. Hare Krishna Behera

   ✓ 4. Kelucharan Mohapatra

Question ID : **26433041756**	
Status : **Not Answered**	
Chosen Option : **--**	

Q.11 Identify the chemical name for Ge.

Ans ✗ 1. Gallium

   ✗ 2. Gold

   ✓ 3. Germanium

   ✗ 4. Gadolinium

Question ID : **26433039409**	
Status : **Answered**	
Chosen Option : **3**	

Q.12 What percentage of the rural population uses safe and functional toilets as per the 2019-20 National Sample Survey report?

Ans ✗ 1. 83%

   ✓ 2. 85%

   ✗ 3. 82%

   ✗ 4. 88%

Question ID : **26433041994**	
Status : **Not Answered**	
Chosen Option : **--**	

Q.13 The nineteenth century saw the golden age of Kathak under the patronage of Wajid Ali Shah, the last Nawab of _____.

Ans ✗ 1. Hyderabad

   ✗ 2. Rampur

   ✓ 3. Oudh

   ✗ 4. Jaunpur

Question ID : **26433044633**	
Status : **Not Answered**	
Chosen Option : **--**	

Q.14 The rate at which RBI lends to commercial banks for the short term is called _____.

Ans ✓ 1. repo rate

   ✗ 2. reverse repo rate

   ✗ 3. bank rate

   ✗ 4. cash reserve rate

Question ID : **26433042140**	
Status : **Answered**	
Chosen Option : **1**	

Q.15 Who among the following won Arjuna Award 2021 in Para Archery discipline?

Ans ✗ 1. Abhishek Verma

✓ 2. Harvinder Singh

✗ 3. Rishabh Yadav

✗ 4. Aman Saini

Question ID : **26433041845**
Status : **Not Answered**
Chosen Option : **--**

Q.16 How many types of writs can be issued by the Supreme Court of India for the protection of Fundamental Rights?

Ans ✓ 1. Five

✗ 2. Four

✗ 3. Seven

✗ 4. Six

Question ID : **26433038732**
Status : **Answered**
Chosen Option : **1**

Q.17 Vannadil Pudiyaveettil Dhananjayan and Shanta Dhananjayan, popularly known as the Dhananjayans were awarded with Rashtriya Kalidas Samman for the year _____.

Ans ✗ 1. 2018-19

✓ 2. 2019-20

✗ 3. 2020-21

✗ 4. 2017-18

Question ID : **26433038786**
Status : **Not Answered**
Chosen Option : **--**

Q.18 Which Manipuri Classical Dancer opened the 'Govindji Nartanalaya' dance school for women in Imphal?

Ans ✗ 1. Chandrakanta Singh

✓ 2. Bipin Singh

✗ 3. Senarik Rajkumar

✗ 4. Nileshwar Mukherjee

Question ID : **26433038795**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Which of the following was the venue of the first ICC Test Championship final between India and New Zealand?

Ans ✗ 1. South Africa

✓ 2. England

✗ 3. New Zealand

✗ 4. India

Question ID : **26433044485**
Status : **Not Answered**
Chosen Option : **--**

Q.20 In January 2021, which state/Union Territory issued its 'School Bag Policy 2020', according to which the weight of the school bag should be at a maximum of 3.5 kgs to 5 kgs?

Ans ✗ 1. Telangana

✗ 2. Maharashtra

✗ 3. West Bengal

✓ 4. Delhi

Question ID : **26433041830**
Status : **Answered**
Chosen Option : **4**

Q.21 Which of the following groupsconsists of elements that are non-reactive, monoatomic elements with extremely low boiling points?

Ans ✓ 1. Group 18

✗ 2. Group 16

✗ 3. Group 15

✗ 4. Group 13

Question ID : **26433044724**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Which of the following books is an autobiography of the Indian constitutional jurist Fali S Nariman?

Ans ✗ 1. Courage and Commitment

✓ 2. Before Memory Fades: An Autobiography

✗ 3. Wandering in Many Worlds

✗ 4. All From Memory: An Autobiography

Question ID : **26433038994**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Which of the following is a mountain pass in the Pir Panjal range at a maximum altitude of 2832 metresthat connects the Kashmir Valley in the Union Territory of Jammu and Kashmir with the Outer Himalayas and the plains in the south?

Ans ✗ 1. Mana Pass

✓ 2. Banihal Pass

✗ 3. Bara-Lacha Pass

✗ 4. Zoji La

Question ID : **26433044790**
Status : **Answered**
Chosen Option : **3**

Q.24 'I, Me, Mine' is the autobiography of which international musician?

Ans ✓ 1. George Harrison

✗ 2. Justin Bieber

✗ 3. AR Rahman

✗ 4. Elton John

Question ID : **26433038992**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Identify the cell that is amoeboid in shape.

Ans ✗ 1. Nerve cell

    ✗ 2. Columnar epithelial cell

    ✗ 3. Red blood cell

    ✓ 4. White blood cell

Question ID : **26433039435**
Status : **Answered**
Chosen Option : **2**