Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	Indraprastha Public School
Exam Date	31/05/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL 2021 Tier I

Section : **English Language**

Q.1 Select the most appropriate meaning of the given idiom.
Break a leg

Ans ✘ 1. Speak directly

✘ 2. Work long hours

✔ 3. Wish someone good luck

✘ 4. Wish someone bad luck

Question ID : **26433039844**
Status : **Marked For Review**
Chosen Option : **4**

Q.2 Select the most appropriate meaning of the given idiom.
Miss the boat

Ans ✘ 1. Miss the goal of life

✘ 2. Miss the person

✔ 3. Miss an opportunity

✘ 4. Miss the journey

Question ID : **26433043077**
Status : **Answered**
Chosen Option : **3**

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

Ans ✘ 1. Grandiloquent

✘ 2. Gorgeous

✘ 3. Gregarious

✔ 4. Grotesque

Question ID : **26433039962**
Status : **Marked For Review**
Chosen Option : **4**

Q.4 Select the most appropriate synonym of the given word.
Arraign

Ans ✘ 1. Arrive

✔ 2. Prosecute

✘ 3. Persecute

✘ 4. Arrange

Question ID : **26433045371**
Status : **Marked For Review**
Chosen Option : **3**

Q.5 In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Many times _____ starts with the creative _____ and the enduring passion of a single individual.

Ans ✗ 1. tradition, lethargy

✗ 2. stagnation, determination

✗ 3. renovation, dullness

✓ 4. innovation, spark

Question ID : **26433045595**
Status : **Answered**
Chosen Option : **4**

Q.6 Select the option that expresses the given sentence in passive voice.

Alfred's doctor treated Rohan for his fever.

Ans ✗ 1. Rohan will be treated by Alfred's doctor for his fever.

✗ 2. Rohan has been treated by Alfred's doctor for his fever.

✗ 3. Rohan was treats by Alfred's doctor for his fever.

✓ 4. Rohan was treated by Alfred's doctor for his fever.

Question ID : **26433039714**
Status : **Answered**
Chosen Option : **4**

Q.7 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. In 1895, a man named Birsa was seen roaming the forests and villages of Chottanagpur in Jharkhand.
B. Soon thousands began following Birsa, believing that he was God and had come to solve all their problems.
C. Birsa himself declared that God had appointed him to save his people from trouble, free them from the slavery of 'dikus'.
D. People said he had miraculous powers – he could cure all diseases and multiply grain.

Ans ✗ 1. CABD

✗ 2. BADC

✓ 3. ADCB

✗ 4. DCBA

Question ID : **26433045561**
Status : **Answered**
Chosen Option : **3**

Q.8 Select the option that expresses the given sentence in active voice.

The flyer for the international symposium is being sent by students to institutes all over the country.

Ans ✗ 1. Students are being sent the flyer for the international symposium to institutes all over the country.

✗ 2. The flyer for the international symposium is sent by students to institutes all over the country.

✓ 3. Students are sending the flyer for the international symposium to institutes all over the country.

✗ 4. The flyer is sending the students to institutes all over the country for the international symposium.

Question ID : **26433040065**
Status : **Answered**
Chosen Option : **3**

Q.9 The following sentence contains a grammatical error. Select the option that correctly rectifies the error.
In its August 1992 issue, the highly respected British Journal of Addiction describe three unusual cases of carrot dependence.

Ans ✗ 1. In its August 1992 issue, the highly respected British Journal of Addiction was describing three unusual cases of carrot dependence.

✗ 2. In its August 1992 issue, the highly respected British Journal of Addiction describing three unusual cases of carrot dependence.

✓ 3. In its August 1992 issue, the highly respected British Journal of Addiction described three unusual cases of carrot dependence.

✗ 4. In its August 1992 issue, the highly respected British Journal of Addiction has been described three British Journal of Addiction has been described three

Question ID : **26433042995**
Status : **Answered**
Chosen Option : **3**

Q.10 Select the most appropriate meaning of the given idiom.
On cloud nine

Ans ✗ 1. Good number

✗ 2. Travel by airplane

✓ 3. Extremely happy

✗ 4. Heavy rain

Question ID : **26433039779**
Status : **Answered**
Chosen Option : **3**

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

Ans ✗ 1. Validate

✓ 2. Weaken

✗ 3. Diverge

✗ 4. Determine

Question ID : **26433039826**
Status : **Answered**
Chosen Option : **2**

Q.12 Select the INCORRECTLY spelt word.

Ans ✓ 1. Quear

✗ 2. Antibodies

✗ 3. Brag

✗ 4. Rascal

Question ID : **26433045517**
Status : **Answered**
Chosen Option : **3**

Q.13 Select the option that can be used as a one-word substitute for the given group of words.
To dispute angrily

Ans ✗ 1. Wrench

✗ 2. Wreck

✓ 3. Wrangle

✗ 4. Wrack

Question ID : **26433039086**
Status : **Answered**
Chosen Option : **4**

Q.14 Select the most appropriate ANTONYM of the underlined word in the following sentence.
there are some technologies available today that make a notebook <u>dispensable</u>.

Ans ✗ 1. acceptable

✗ 2. urgent

✓ 3. essential

✗ 4. popular

Question ID : **26433042842**
Status : **Answered**
Chosen Option : **3**

Q.15 Select the INCORRECTLY spelt word.

Ans ✗ 1. Tactile

✓ 2. Concentratte

✗ 3. Domicile

✗ 4. Customary

Question ID : **26433045518**
Status : **Answered**
Chosen Option : **2**

Q.16 Select the most appropriate option to fill in the blank.
She was _____ right nor wrong.

Ans ✗ 1. not

✓ 2. neither

✗ 3. whether

✗ 4. either

Question ID : **26433039940**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the option that will improve the underlined part of the given sentence.
The children <u>opens the door</u> silently, yesterday.

Ans ✗ 1. will open the door

✗ 2. open the door

✓ 3. opened the door

✗ 4. Will have opened the door

Question ID : **26433039681**
Status : **Answered**
Chosen Option : **3**

Q.18 Select the most appropriate synonym of the given word.
Admire

Ans ✗ 1. Neglect

✗ 2. Admonish

✗ 3. Forget

✓ 4. Appreciate

Question ID : **26433039965**
Status : **Answered**
Chosen Option : **4**

Q.19 Select the option that can be used as a one-word substitute for the underlined group of words.
Nisha participates in almost every activity and in all functions held in the school as she has many skills.

Ans ✗ 1. Vulnerable

✗ 2. Innovative

✓ 3. Versatile

✗ 4. Fragile

Question ID : **26433045427**
Status : **Answered**
Chosen Option : **3**

Q.20 Which word in the given sentence is the ANTONYM of – exonerate?
It was difficult to convict him of the falsity of his beliefs.

Ans ✗ 1. falsity

✓ 2. convict

✗ 3. beliefs

✗ 4. difficult

Question ID : **26433045384**
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.

The Hall of Dharma was in a circular building, built of stone and mortar, with a (1)_____ dome. The delicate (2)_____ of the dome was believed to represent the feminine while the typical temple spire represented the masculine. The hall was also (3)_____ All rishis sat as (4)_____ without a moderating 'head', debating issues openly and without fear, freedom of (5)_____ at its zenith.

SubQuestion No : 21

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

Ans ✓ 1. massive

✗ 2. passive

✗ 3. intrusive

✗ 4. conclusive

Question ID : **26433045629**
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.

The Hall of Dharma was in a circular building, built of stone and mortar, with a (1)_____ dome. The delicate (2)_____ of the dome was believed to represent the feminine while the typical temple spire represented the masculine. The hall was also (3)_____ All rishis sat as (4)_____ without a moderating 'head', debating issues openly and without fear, freedom of (5)_____ at its zenith.

SubQuestion No : 22

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

Ans ✗ 1. harshness

✗ 2. masculinity

✗ 3. vengeance

✔ 4. elegance

Question ID : **26433045630**
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.

The Hall of Dharma was in a circular building, built of stone and mortar, with a (1)_____ dome. The delicate (2)_____ of the dome was believed to represent the feminine while the typical temple spire represented the masculine. The hall was also (3)_____ All rishis sat as (4)_____ without a moderating 'head', debating issues openly and without fear, freedom of (5)_____ at its zenith.

SubQuestion No : 23

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

@Qmaths

Ans ✗ 1. perpendicular

✗ 2. peculiar

✗ 3. vertical

✔ 4. circular

Question ID : **26433045631**
Status : **Answered**
Chosen Option : **4**

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.

The Hall of Dharma was in a circular building, built of stone and mortar, with a (1)_____ dome. The delicate (2)_____ of the dome was believed to represent the feminine while the typical temple spire represented the masculine. The hall was also (3)_____ All rishis sat as (4)_____ without a moderating 'head', debating issues openly and without fear, freedom of (5)_____ at its zenith.

SubQuestion No : 24

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

Ans ✗ 1. crossed

✗ 2. unequal

✔ 3. equals

✗ 4. conical

Question ID : **26433045632**
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.

The Hall of Dharma was in a circular building, built of stone and mortar, with a (1)_____ dome. The delicate (2)_____of the dome was believed to represent the feminine while the typical temple spire represented the masculine. The hall was also (3)_____ All rishis sat as (4)_____ without a moderating 'head', debating issues openly and without fear, freedom of (5)_____at its zenith.

SubQuestion No : 25

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

Ans   ✗ 1. depression

     ✓ 2. expression

     ✗ 3. running

     ✗ 4. inspiration

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 '1'.

Ans   ✗ 1. 3

     ✗ 2. 2

     ✓ 3. 6

     ✗ 4. 4
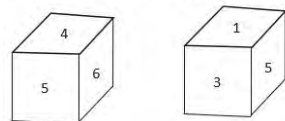
Q.2   Which letter-cluster will replace the question mark (?) to complete the given series?
TVEQ, PBWA, ?, HNGU, DTYE

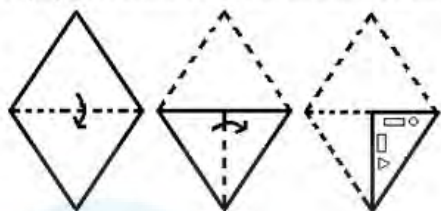Ans   ✗ 1. IEFN

     ✓ 2. LHOK

     ✗ 3. MWJK

     ✗ 4. RUDA

Q.3   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.
Tis : Sit :: Tip : Pit :: Ten : ?

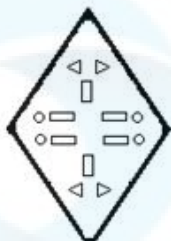Ans   ✗ 1. Ken

     ✓ 2. Net

     ✗ 3. Set

     ✗ 4. Pen

Q.4 A paper is folded and cut as shown below. How will it appear when unfolded?

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
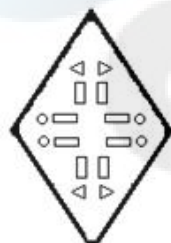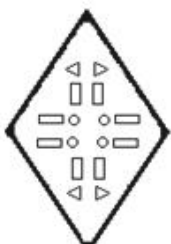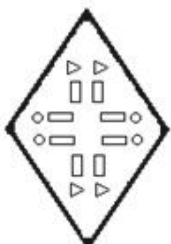
Q.5 Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term

9 : 126 :: ? : 238 :: 21 : 294

Ans

✗ 1. 18

✗ 2. 28

✗ 3. 22

✔ 4. 17

Q.6 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1.Absorption
2.Absolutely
3.Abduct
4.Abbreviation
5.Accurate

Ans ✗ 1. 3,4,2,1,5

✓ 2. 4,3,2,1,5

✗ 3. 1,2,3,4,5

✗ 4. 3,2,4,1,5

Question ID : **26433040360**
Status : **Answered**
Chosen Option : **2**

Q.7 Which of the following numbers will replace the question mark (?) in the given series?
229,233,239,241,251,?

Ans ✓ 1. 257

✗ 2. 263

✗ 3. 261

✗ 4. 259

Question ID : **26433043545**
Status : **Marked For Review**
Chosen Option : **2**

Q.8 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.
SIMPLE : ISNKEL :: PUBLIC : UPYOCI :: MINUTE : ?

Ans ✗ 1. NIMTUE

✗ 2. NIMETU

✗ 3. IMUNET

✓ 4. IMMFET

Question ID : **26433043247**
Status : **Answered**
Chosen Option : **4**

Q.9 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row- 6, 8, 34
Second row- 3, 2, 10
Third row- 11, 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. 47

✗ 2. 84

✓ 3. 74

✗ 4. 48

Question ID : **26433045255**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1. Draft
2. Drake
3. Drain
4. Drape
5. Dragon

Ans ✓ 1. 1, 5, 3, 2, 4

✗ 2. 3, 1, 2, 5, 4

✗ 3. 3, 1, 5, 2, 4

✗ 4. 1, 3, 5, 2, 4

Question ID : **26433040282**
Status : **Answered**
Chosen Option : **1**

Q.11 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
14*5*55*74*12*4*3

Ans ✗ 1. =,+,−,×,−,÷

✗ 2. +,−,=,−,×,+

✓ 3. ×,+,−,=,×,+

✗ 4. ×,−,=,+,−,×

Question ID : **26433040230**
Status : **Answered**
Chosen Option : **3**

Q.12 In a certain code language, "CASTLE" is written as "BYPUNH", and "DEMAND" is written as "CCJBPG". How will "EITHER" be written in that language?

Ans ✗ 1. DGQIHU

✓ 2. DGQIGU

✗ 3. DGQJGU

✗ 4. DGPIGU

Question ID : **26433043502**
Status : **Answered**
Chosen Option : **2**

Q.13 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

M
ToMorRoW |
N

Ans ✓ 1. WoЯıoMoT

✗ 2. oЯıoMoT

✗ 3. WoЯoMoT

✗ 4. WoЯıoMo

Question ID : **26433040389**
Status : **Answered**
Chosen Option : **1**

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

P

gJP93R |

Q

Ans

✓ 1. ЯЄЄ9Lᴈ

✗ 2. ЯЗЄᏮLᴈ

✗ 3. ЯЄ69Jᴈ

✗ 4. ЯЄ69Lᴇ

Q.15 Which of the following numbers will replace the question mark (?) in the given number series?
5, 6, ?, 45, 184, 925

Ans ✗ 1. 12

✗ 2. 15

✓ 3. 14

✗ 4. 18

Q.16 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(360, 12, 60)

Ans ✗ 1. (362, 13, 54)

✓ 2. (342, 19, 36)

✗ 3. (369, 15, 78)

✗ 4. (398, 16, 34)

Q.17 Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.

M

fa38j5 |

N

Ans

✗ 1. ᴢj8ƐЄ�

✗ 2. ᴢ[8ƐЄ�

✗ 3. ᴤ[83ᴇ�

✓ 4. ᴢ[8Ɛᴇ�

Q.18 Two statements are given followed by two conclusions numbered I and II. 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:
Some apartments are bungalows.
Some bungalows are flats.

Conclusions:
I. Some apartments are flats.
II. Some flats are bungalows.

Ans　✗ 1. Only conclusion I follows

　　　✗ 2. Both conclusions I and II follow

　　　✗ 3. Neither conclusion I nor II follows

　　　✔ 4. Only conclusion II follows

Q.19 Which of the following numbers will replace the question mark (?) in the given series?
6, 36, 41, ?, 167, 334

Ans　✗ 1. 125

　　　✗ 2. 153

　　　✗ 3. 160

　　　✔ 4. 164

Q.20 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.
16*4*8*10*2*52

Ans　✗ 1. ×, ÷,–,+, =

　　　✔ 2. –,+,×,÷,=

　　　✗ 3. ÷,×,–,+, =

　　　✗ 4. ÷,×,+,–, =

Q.21 Which of the following numbers will replace the question mark (?) in the given series?
13, 17, 24, 36, 55, 85, 128, 188, ?

Ans　✔ 1. 267

　　　✗ 2. 274

　　　✗ 3. 276

　　　✗ 4. 247

Q.22 Which letter cluster will replace the question mark (?) to complete the given series?
KGCJ, JEZF, ? , HATX, GYQT

Ans ✗ 1. WBCI

✗ 2. WBCJ

✓ 3. ICWB

✗ 4. ICWA

Q.23 In a certain code language, 'DIVIDE' is coded as '7 17 43 17 7 9' and 'SUBTRACT' is coded as '37 41 3 39 35 1 5 39'. How will 'ADDITION' be coded in that language?

Ans ✗ 1. 1 6 7 17 29 17 29 27

✗ 2. 1 7 2 17 22 17 29 27

✗ 3. 1 7 7 15 39 17 29 29

✓ 4. 1 7 7 17 39 17 29 27

Q.24 How many triangles are there in the given figure?
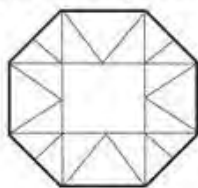
Ans ✗ 1. 24

✗ 2. 36

✓ 3. 32

✗ 4. 30

Q.25 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. 64 : 6

✓ 2. 36 : 5

✗ 3. 169 : 11

✗ 4. 196 : 12

Section : **Quantitative Aptitude**

Q.1 ΔABC is similar to ΔPQR. The area of ΔABC is 64 cm^2, and the area of ΔPQR is 121 cm^2.If QR=15.4 cm, what is the length of BC?

Ans ✗ 1. 13.2 cm

✗ 2. 15.4 cm

✔ 3. 11.2 cm

✗ 4. 12.3 cm

Question ID : 26433044156
Status : **Answered**
Chosen Option : **3**

Q.2 The following table represents the weightage of different decision features of an automobile. With the help of this information, calculate the weighted average.

Features Weightage
Safety – 8/10 40%
Comfort – 6/10 20%
Fuel Mileage – 5/10 30%
Exterior looks – 8/10 10%

Ans ✗ 1. 0.57

✗ 2. 0.76

✔ 3. 0.67

✗ 4. 0.5

Question ID : 26433043910
Status : **Marked For Review**
Chosen Option : **3**

Q.3 The ratio of time taken by Anamika and Bani to complete a work is 1 : 3, respectively. Therefore, Anamika is able to finish a job in 40 days less than Bani. If they work together, they can complete the work in _____ days.

Ans ✗ 1. 20

✗ 2. 10

✔ 3. 15

✗ 4. 25

Question ID : 26433041675
Status : **Answered**
Chosen Option : **3**

Q.4

Simplify : $3ab \times (a+b)^{-1} \times (a^{-1} + b^{-1})$

Ans ✗ 1. $\dfrac{1}{(a+b)}$

✗ 2. 1

✗ 3. $(a + b)$

✔ 4. 3

Question ID : 26433038662
Status : **Answered**
Chosen Option : **4**

Q.5

If $x + \frac{1}{x} = 5$, then the value of $\frac{3x}{2x^2 + 2 - 5x}$ will be _____.

Ans

✗ 1. $\dfrac{5}{2}$

✗ 2. $\dfrac{2}{5}$

✔ 3. $\dfrac{3}{5}$

✗ 4. $\dfrac{5}{3}$

Question ID : **26433044382**

Status : **Answered**

Chosen Option : **3**

Q.6 If a sum on compound interest (compounded yearly) becomes three times in 4 years, then with the same interest rate, the sum will become 81 times in:

Ans ✗ 1. 12 years

✗ 2. 18 years

✗ 3. 15 years

✔ 4. 16 years

Question ID : **26433044042**

Status : **Answered**

Chosen Option : **4**

Q.7

Simplify $2\frac{2}{3} + 1\frac{4}{3} \times 1\frac{6}{7} \div 5\frac{1}{2}$.

Ans

✗ 1. $3\frac{3}{11}$

✔ 2. $3\frac{5}{11}$

✗ 3. $1\frac{3}{4}$

✗ 4. $3\frac{4}{11}$

Question ID : **26433039226**

Status : **Answered**

Chosen Option : **2**

Q.8 There is a 20% discount on a dozen pairs of shoes marked at ₹7,200. How many pair of shoes can be bought with ₹1,440?

Ans ✔ 1. 3

✗ 2. 5

✗ 3. 2

✗ 4. 4

Question ID : **26433042430**

Status : **Answered**

Chosen Option : **1**

Q.9 In a right circular cylinder, the ratio of the curved surface to the total surface area is 3:7. Find the ratio of the height of the cylinder to the radius of its base.

Ans ✓ 1. 3 : 4

✗ 2. 2 : 3

✗ 3. 3 : 2

✗ 4. 4 : 3

Question ID : **26433042726**
Status : **Answered**
Chosen Option : **1**

Q.10 The salaries of P and Q together amount to ₹1,20,000. P spends 95% of his salary and Q 85% of his. If their savings are the same, then what is P's salary?

Ans ✗ 1. ₹80,000

✗ 2. ₹72,000

✓ 3. ₹90,000

✗ 4. ₹60,000

Question ID : **26433039346**
Status : **Answered**
Chosen Option : **3**

Q.11 The monthly income of Manisha was ₹1,20,000 and her monthly expenditure was ₹55,000. Next year, her income increased by 22% and her expenditure increase by 10%. Find the percentage increase in her savings (correct to 2 decimal places).

Ans ✗ 1. 28.16%

✗ 2. 26.25%

✓ 3. 32.15%

✗ 4. 30.08%

Question ID : **26433038680**
Status : **Marked For Review**
Chosen Option : **2**

Q.12 A fruit seller purchased 300 bananas at the rate of ₹18 per dozen and sold 200 bananas at the rate of ₹24 per dozen and the remaining bananas at the rate of ₹21 per dozen. What is his net profit percentage?

Ans ✗ 1. 28%

✗ 2. 26%

✗ 3. 27%

✓ 4. $27\frac{7}{9}\%$

Question ID : **26433039119**
Status : **Answered**
Chosen Option : **4**

Q.13

The table below gives the $\dfrac{Input}{Output}$ ratio of a particular firm over five consecutive years.

Year	Ratio Input/Output
1996	0.8
1997	1.2
1998	0.9
1999	1.6
2000	1.8

If the inputs in the year 1998 was ₹1,200 crores and total output in the years 1998 and 2000 taken together was ₹2,500 crores, then what was the input of the firm in the year 2000?

Ans

✗ 1. ₹1,200 crores

✓ 2. ₹2,100 crores

✗ 3. ₹3,200 crores

✗ 4. ₹1,700 crores

Question ID : **26433045949**
Status : **Not Answered**
Chosen Option : **--**

Q.14 The given pie chart shows the share of labour, raw material, energy, transportation cost, and plant & machinery in the total manufacturing cost of the company during a particular year. Study the pie chart and answer the question that follows.
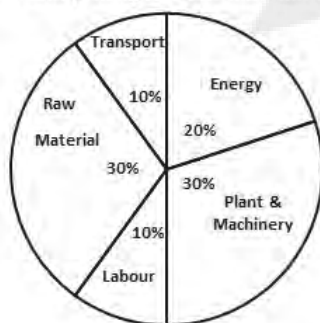
The total central angle showing the share of energy, labour and transportation cost in the total manufacturing cost during the year was:

Ans ✗ 1. 162°

✗ 2. 120°

✓ 3. 144°

✗ 4. 135°

Question ID : **26433042670**
Status : **Answered**
Chosen Option : **3**

Q.15 When a certain number is multiplied by 11, the product is a six-digit number containing only 6s. Find the number that is multiplied by 11.

Ans ✗ 1. 79365

✗ 2. 78365

✓ 3. 60606

✗ 4. 61661

Question ID : **26433042601**
Status : **Answered**
Chosen Option : **3**

Q.16 The table below gives the numbers of students from five different colleges who participated in the Olympiads of five different subjects during a given year.

Subjects	College A	College B	College C	College D	CollegeE
Hindi	110	100	125	103	112
English	98	120	80	122	105
Maths	130	110	250	160	180
Science	100	100	150	200	80
GK	182	200	120	130	183

Which college had the maximum aggregate number of participants in all the five different subject Olympiads taken together during that year?

Ans ✗ 1. College D

✗ 2. College B

✗ 3. College E

✔ 4. College C

Question ID : **26433045974**
Status : **Answered**
Chosen Option : **4**

Q.17 Under a sale offer, Tanvir was offered a 32% discount on the part of the marked price that was paid in cash, but had to add 1.2% on the part of the marked price paid through a credit card. If Tanvir paid 75% of the marked price in cash and the rest through a credit card, what percentage of the marked price was his total final payment?

Ans ✗ 1. 76.6%

✗ 2. 75.9%

✗ 3. 76.1%

✔ 4. 76.3%

Question ID : **26433044283**
Status : **Answered**
Chosen Option : **2**

Q.18 Find the length of the longest bamboo pole that can be placed in a room 16 m long, 12 m broad and 10 m high.

Ans ✗ 1. $10\sqrt{10}$ m

✗ 2. $5\sqrt{5}$ m

✔ 3. $10\sqrt{5}$ m

✗ 4. $4\sqrt{5}$ m

Question ID : **26433042627**
Status : **Answered**
Chosen Option : **3**

Q.19 The average weight of 8 persons increased by 2.5 kg when a new person comes in place of one of them weighting 45 kg. What is the weight of the new person?

Ans ✗ 1. 63 kg

✗ 2. 60 kg

✔ 3. 65 kg

✗ 4. 62 kg

Question ID : **26433042377**
Status : **Answered**
Chosen Option : **3**

Q.20 The mean proportional between 6 and another number is 30. What is that number?

Ans   ✔ 1. 150

    ✘ 2. 5√6

    ✘ 3. 180

    ✘ 4. 6√5

Question ID : **26433041626**

Status : **Answered**

Chosen Option : **1**

Q.21 A thief is spotted by a policeman from a distance of 480 m. When the policeman starts the chase, the thief also starts running. If the speed of the thief is 19 km/h and that of the policeman is 23 km/h, then how far would the thief have to run before he is overtaken?

Ans   ✘ 1. 2080 m

    ✔ 2. 2280 m

    ✘ 3. 2290 m

    ✘ 4. 2180 m

Question ID : **26433038711**

Status : **Answered**

Chosen Option : **2**

Q.22 In what proportion must wheat at ₹20.40 per kg be mixed with wheat at ₹25.50 per kg, so that the mixture is worth ₹23.80 per kg?

Ans   ✘ 1. 1 : 3

    ✘ 2. 2 : 1

    ✘ 3. 2 : 3

    ✔ 4. 1 : 2

Question ID : **26433038675**

Status : **Answered**

Chosen Option : **4**

Q.23 What is the simplified value of $\cos^2(90° - \theta) - [\frac{\{\cos(90° - \theta)\cos\theta\}}{\cot\theta}]$?

Ans   ✘ 1. 4

    ✘ 2. 2

    ✔ 3. 0

    ✘ 4. 1

Question ID : **26433039199**

Status : **Answered**

Chosen Option : **3**

Q.24 Find the length of diagonal (in cm) of a cube if the volume of the cube is 1331 cm³.

Ans   ✘ 1. $331\sqrt{3}$

    ✘ 2. $21\sqrt{3}$

    ✔ 3. $11\sqrt{3}$

    ✘ 4. $111\sqrt{3}$

Question ID : **26433041384**

Status : **Answered**

Chosen Option : **3**

Q.25 If $x^4 + \frac{1}{x^4} = 14159$, Then a Possible value of $x + \frac{1}{x}$ is:

Ans
- ✗ 1. 69
- ✗ 2. 121
- ✗ 3. 81
- ✓ 4. 11

Question ID : **26433044172**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

Q.1 The Wadali Brothers are famous for which of the following?

Ans
- ✗ 1. Carnatic Music
- ✗ 2. Chhattisgarhi Folk
- ✓ 3. Sufi Music
- ✗ 4. Hindustani Classical Music

Question ID : **26433042165**
Status : **Answered**
Chosen Option : **1**

Q.2 The important singers of _____Gharana are Faiyyaz Khan, Latafat Hussein Khan and Dinkar Kakini.

Ans
- ✗ 1. Patiala
- ✗ 2. Mewati
- ✓ 3. Agra
- ✗ 4. Benaras

Question ID : **26433044578**
Status : **Answered**
Chosen Option : **3**

Q.3 Who among the following has written the autobiography 'In the afternoon of time: An autobiography'?

Ans
- ✓ 1. Harivansh Rai Bachchan
- ✗ 2. Ruskin Bond
- ✗ 3. R K Lakshman
- ✗ 4. R K Narayanan

Question ID : **26433041703**
Status : **Answered**
Chosen Option : **1**

Q.4 'Faster than Lightning: My Autobiography' is the story of which of the following international sprinters?

Ans
- ✓ 1. Usain Bolt
- ✗ 2. Justin Gatlin
- ✗ 3. Christian Coleman
- ✗ 4. Michael Norman

Question ID : **26433038993**
Status : **Answered**
Chosen Option : **1**

Q.5 The proportion of a small increase in income which will lead to increased consumption expenditure is known as _____.

Ans ✗ 1. marginal consumption efficiency

✓ 2. marginal propensity to consume

✗ 3. marginal efficiency of income

✗ 4. marginal propensity to save

Question ID : **26433042063**
Status : **Answered**
Chosen Option : **1**

Q.6 Who among the following is NOT a Padma Shri awardee 2022?

Ans ✓ 1. Mithali Raj

✗ 2. Avani Lekhara

✗ 3. Sumit Antil

✗ 4. Neeraj Chopra

Question ID : **26433042040**
Status : **Answered**
Chosen Option : **3**

Q.7 The 'Karbi Anglong Agreement' signed in September 2021 is related to the ethnic community of the state of _____.

Ans ✗ 1. Sikkim

✓ 2. Assam

✗ 3. Bihar

✗ 4. Uttar Pradesh

Question ID : **26433038916**
Status : **Answered**
Chosen Option : **1**

Q.8 What is the number of players in a cricket team on the ground?

Ans ✗ 1. 14

✗ 2. 10

✓ 3. 11

✗ 4. 12

Question ID : **26433044502**
Status : **Answered**
Chosen Option : **3**

Q.9 Who among the following is the author of the book 'Sultry Days'?

Ans ✗ 1. Anita Nair

✗ 2. Nikita Singh

✓ 3. Shobhaa De

✗ 4. Judy Balan

Question ID : **26433044553**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Which state does Brahmaputra river enters when it takes U turn at Namcha Barwa?

Ans
- ✖ 1. Mizoram
- ✖ 2. Assam
- ✖ 3. Nagaland
- ✔ 4. Arunachal Pradesh

Question ID : **26433039493**
Status : **Answered**
Chosen Option : **4**

Q.11 Who shared the Nobel Prize in Physiology or Medicine 2005 with Barry J Marshall for the discovery of the Helicobacter pylori bacterium and its role in gastritis and peptic ulcer disease?

Ans
- ✖ 1. Paul Lauterbur
- ✔ 2. J Robin Warren
- ✖ 3. Richard Axel
- ✖ 4. Oliver Smithies

Question ID : **26433044748**
Status : **Answered**
Chosen Option : **2**

Q.12 Kalamandalam Kalyanikutty Amma was an Indian Classical Dancer of _____ dance form.

Ans
- ✖ 1. Sattriya
- ✔ 2. Mohiniyattam
- ✖ 3. Odissi
- ✖ 4. Kathak

@Qmaths

Question ID : **26433038799**
Status : **Answered**
Chosen Option : **2**

Q.13 Which Indian dancer was awarded the French Palme D'or by the French Government in 1977?

Ans
- ✖ 1. Chitra Visweswaran
- ✖ 2. Oopali Operajita.
- ✔ 3. Mallika Sarabhai
- ✖ 4. Kavya Madhavan

Question ID : **26433044609**
Status : **Answered**
Chosen Option : **1**

Q.14 Who received the Noble Prize in 1906,for recognition of the great merits of his theoretical and experimental investigations on the conduction of electricity by gases?

Ans
- ✖ 1. Andre-Marie Ampere
- ✔ 2. Sir JJ Thomson
- ✖ 3. Albert Einstein
- ✖ 4. Alessandro Volta

Question ID : **26433044704**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Who among the following has written 'Sangeet Kala Prakash'?

Ans ✗ 1. Prabhu Atre

✗ 2. Pandit Jasraj

✓ 3. Ramakrishnabuva Vaze

✗ 4. Pandit Kumar Gandharva

Question ID : **26433042257**
Status : **Not Answered**
Chosen Option : **--**

Q.16 How many seats were reserved for the Scheduled Tribes in Lok Sabha for the 2019 general election?

Ans ✗ 1. 46

✗ 2. 43

✓ 3. 47

✗ 4. 45

Question ID : **26433039637**
Status : **Not Answered**
Chosen Option : **--**

Q.17 What is the number of players playing in a team in a hockey match?

Ans ✗ 1. 12

✗ 2. 9

✗ 3. 10

✓ 4. 11

Question ID : **26433044521**
Status : **Answered**
Chosen Option : **4**

Q.18 The name of which element is derived from an Anglo-Saxon word and its symbol comes from the Latin word 'Aurum'?

Ans ✗ 1. Argon

✓ 2. Gold

✗ 3. Aluminium

✗ 4. Silver

Question ID : **26433044718**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Sartaj Khan, Sarwar Khan, Swaroop Khan and Mame Khan are famous for which of the following?

Ans ✓ 1. Rajasthani folk music

✗ 2. Hindustani classical vocal

✗ 3. Playing percussion instruments

✗ 4. Playing string instruments

Question ID : **26433041740**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Famous Folk dancer Gulabo Sapera was conferred Padma Shri award for her contribution to which of the following dance forms?

Ans ✗ 1. Terah Tali

✓ 2. Kalbeliya

✗ 3. Ghoomar

✗ 4. Bhavai

Question ID : **26433044449**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Which type of biome is located in Eastern North America, Western Europe, and Northeast Asia?

Ans ✗ 1. Tropical Rainforest Biomes

✗ 2. Coniferous Forest Biomes

✗ 3. Aquatic Biomes

✓ 4. Deciduous Forest Biomes

Question ID : **26433044766**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Which of the following mountains was formed when molten rock from the depths of the earth rose from the crust and piled up on its own?

Ans ✓ 1. Mount Kilimanjaro in Africa

✗ 2. Rockies in North America

✗ 3. Ural mountain in Russia

✗ 4. Alps in Europe

Question ID : **26433044883**
Status : **Not Answered**
Chosen Option : **--**

Q.23 The Guru of Kuchipudi dance form 'Guru Vempati Chinna Satyam' who was instrumental in getting classical status to Kuchipudi was conferred by which of the following awards in 1998?

Ans ✗ 1. Padma Shri

✗ 2. Padma Vibhushan

✗ 3. Sangeet Natak Akademi Award

✓ 4. Padma Bhushan

Question ID : **26433041758**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Who among the following won Arjuna Award 2021 in Para Table Tennis discipline?

Ans ✗ 1. Achanta Sharath Kamal

✗ 2. Manika Batra

✓ 3. Bhavina Patel

✗ 4. Anusha Kutumbale

Question ID : **26433041843**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **Which metal sulphate, composed of potassium, aluminium, and sulphate ions in the ratio 1 : 1 : 2, plays a role as a flame retardant, a mordant and an astringent?**

Ans ✗ 1. Gypsum

    ✓ 2. Potash alum

    ✗ 3. Epsom salts

    ✗ 4. Celestite

Question ID : **26433044711**

Status : **Not Answered**

Chosen Option : **--**