Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	Aztech Online Test Centre
Exam Date	07/06/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CHSL 2021 Tier I

Section : **English Language**

Q.1 **Select the most appropriate meaning of the given idiom.**
Chip off the old block

Ans ✔ 1. Someone who resembles their parent

✖ 2. Someone who makes the right decision

✖ 3. Someone who tries to escape from their parents

✖ 4. Someone who spoils other's enjoyment

Question ID : **26433039851**
Status : **Answered**
Chosen Option : **1**

Q.2 **Select the denotation of the highlighted word.**
The fragile economy needs some thrust from supporting partners.

Ans ✖ 1. Robust

✖ 2. Strong

✔ 3. Frail

✖ 4. Trail

Question ID : **26433045534**
Status : **Answered**
Chosen Option : **3**

Q.3 **Select the most appropriate meaning of the highlighted idiom.**
As the Director I had to bite the bullet in order to restore normalcy.

Ans ✖ 1. Ensure equality

✖ 2. To force people to do the right thing

✔ 3. Force oneself to do something unpleasant

✖ 4. To encourage the needy

Question ID : **26433045502**
Status : **Answered**
Chosen Option : **3**

Q.4 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

He ran most happily to receive his father.

Ans ✔ 1. happily

✖ 2. happier

✖ 3. happy

✖ 4. more happily

Question ID : **26433042777**
Status : **Answered**
Chosen Option : **1**

Q.5 Select the most appropriate option to fill in the blank.
The rumours usually _____ like wild fire.

Ans ✗ 1. spreading

✓ 2. spread

✗ 3. spreads

✗ 4. are spreading

Question ID : **26433039929**
Status : **Answered**
Chosen Option : **2**

Q.6 Fill in the blank with the correctly spelt word.
There was a feeling of _____ in his eyes.

Ans ✗ 1. vengaence

✗ 2. vengense

✗ 3. vengence

✓ 4. vengeance

Question ID : **26433042993**
Status : **Answered**
Chosen Option : **3**

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

He always ____ a tantrum about something or the other.

Ans ✗ 1. through

✓ 2. threw

✗ 3. tough

✗ 4. true

Question ID : **26433042792**
Status : **Answered**
Chosen Option : **1**

Q.8 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. Intelligent and strikingly attractive, Tess is indisputably the central character of the
novel that bears her name.
B. But she is also more than a distinctive individual: Hardy makes her into somewhat
of a mythic heroine.
C. Her name, formally Theresa, recalls St. Teresa of Avila, another martyr whose vision
of a higher reality cost her, her life.
D. Tess's story, thus, is a story representing a deeper and larger experience than that
of a single individual.

Ans ✗ 1. ACDB

✗ 2. BACD

✗ 3. DCBA

✓ 4. ABCD

Question ID : **26433042876**
Status : **Answered**
Chosen Option : **4**

Q.9 Select the most appropriate synonym of the word given in the brackets to fill in the blank.
In 1024, a king named Mahmood _____ (robbed) a city called Anhilwad.

Ans ✗ 1. conquered

✓ 2. plundered

✗ 3. annexed

✗ 4. attacked

Question ID : **26433045436**
Status : **Answered**
Chosen Option : **4**

Q.10 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
The mob / is believing / every word / the leader says.

Ans ✓ 1. is believing

✗ 2. the leader says

✗ 3. every word

✗ 4. The mob

Question ID : **26433039740**
Status : **Answered**
Chosen Option : **1**

Q.11 In the following questions a statement has been given with highlighted text. Select the options that can replace the text with correct idiom or phrase.
The new music system is too expensive for us to buy.

Ans ✗ 1. Cut to the chase

✗ 2. Hit the books

✓ 3. Costs an arm and a leg

✗ 4. At sea

Question ID : **26433045510**
Status : **Answered**
Chosen Option : **3**

Q.12 Select the option that expresses the given sentence in active voice.
Parker has been bitten by a rare species of spiders.

Ans ✗ 1. A rare species of spiders had bitten Parker.

✗ 2. A rare species of spiders is biting Parker.

✓ 3. A rare species of spiders has bitten Parker.

✗ 4. A rare species of spiders bit Parker.

Question ID : **26433039753**
Status : **Answered**
Chosen Option : **3**

Q.13 The following sentence has been split into four segments. Identify the segment that contains a grammatical error
Investing on real estate / can earn you quick profit / but it comes with / a certain amount of risk attached to it.

Ans ✖ 1. a certain amount of risk attached to it

✖ 2. can earn you quick profit

✔ 3. Investing on real estate

✖ 4. but it comes with

Question ID : **26433040029**
Status : **Answered**
Chosen Option : **3**

Q.14 Select the most appropriate option that can substitute the underlined segment in the given sentence.
The minor project put forward by the government is now moving around into its third year.

Ans ✔ 1. is now moving into

✖ 2. is now moving along into

✖ 3. is now moving at

✖ 4. are now moving into

Question ID : **26433040121**
Status : **Answered**
Chosen Option : **1**

Q.15 Select the INCORRECTLY spelt word.

Ans ✖ 1. Management

✖ 2. Enthusiasm

✔ 3. Bibblography

✖ 4. Intelligence

Question ID : **26433039808**
Status : **Answered**
Chosen Option : **3**

Q.16 Select the most appropriate ANTONYM of the highlighted word.
The negligent attitude of the cops was criticised.

Ans ✖ 1. sloppy

✖ 2. persistent

✔ 3. attentive

✖ 4. bored

Question ID : **26433045491**
Status : **Answered**
Chosen Option : **3**

Q.17 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
Rahul <u>shall write</u> the exam at this time next week.

Ans ✗ 1. No substitution required

✗ 2. will have been written

✗ 3. would be writing

✓ 4. shall be writing

Question ID : **26433039927**
Status : **Answered**
Chosen Option : **4**

Q.18 Select the sentence which has no spelling error.

Ans ✗ 1. Mala asked students to aggreggate examples of many chemicals.

✗ 2. Final results will be declared on the basis of agregate marks.

✗ 3. Chromosomes are aggregatte and closely linked in a cell.

✓ 4. My son's aggregate marks were very poor in the previous year.

Question ID : **26433043105**
Status : **Answered**
Chosen Option : **2**

Q.19 Select the most appropriate synonym of the given word.
Resolute

Ans ✗ 1. Bulky

✗ 2. Agreeable

✗ 3. Victorious

✓ 4. Strong

Question ID : **26433039968**
Status : **Answered**
Chosen Option : **4**

Q.20 Select the option that can be used as a one-word substitute for the given group of words.
An omission of duty

Ans ✗ 1. Surrende

✓ 2. Delinquency

✗ 3. Deliberation

✗ 4. Delineation

Question ID : **26433039088**
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 next Faerie Market was held (1)_____ schedule (2)_____ the other side of the wall. The two boys were not allowed to go to the market, but they wanted to. This was a source of great (3)_____ to the boys. The younger of the two had a kitten. She grew slowly but was the sweetest cat in the world, until, one evening, she began to (4)_____ around the house impatiently. The cat was off in the dark and the boy never saw the cat again. He was (5)_____ for a while.

SubQuestion No : 21

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

Ans ✓ 1. on

✗ 2. by

✗ 3. at

✗ 4. upon

Question ID : **26433045779**

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 next Faerie Market was held (1)_____ schedule (2)_____ the other side of the wall. The two boys were not allowed to go to the market, but they wanted to. This was a source of great (3)_____ to the boys. The younger of the two had a kitten. She grew slowly but was the sweetest cat in the world, until, one evening, she began to (4)_____ around the house impatiently. The cat was off in the dark and the boy never saw the cat again. He was (5)_____ for a while.

SubQuestion No : 22

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

Ans ✗ 1. at

✓ 2. on

✗ 3. upon

✗ 4. in

Question ID : **26433045780**

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 next Faerie Market was held (1)_____ schedule (2)_____ the other side of the wall. The two boys were not allowed to go to the market, but they wanted to. This was a source of great (3)_____ to the boys. The younger of the two had a kitten. She grew slowly but was the sweetest cat in the world, until, one evening, she began to (4)_____ around the house impatiently. The cat was off in the dark and the boy never saw the cat again. He was (5)_____ for a while.

SubQuestion No : 23

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

Ans ✗ 1. abhorrence

✓ 2. irritation

✗ 3. ebullience

✗ 4. hatred

Question ID : **26433045781**

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 next Faerie Market was held (1)_____ schedule (2)_____ the other side of the wall. The two boys were not allowed to go to the market, but they wanted to. This was a source of great (3)_____ to the boys. The younger of the two had a kitten. She grew slowly but was the sweetest cat in the world, until, one evening, she began to (4)_____ around the house impatiently. The cat was off in the dark and the boy never saw the cat again. He was (5)_____ for a while.

SubQuestion No : 24

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

Ans ✗ 1. sleep

✗ 2. march

✓ 3. prowl

✗ 4. trot

Question ID : **26433045782**
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 next Faerie Market was held (1)_____ schedule (2)_____ the other side of the wall. The two boys were not allowed to go to the market, but they wanted to. This was a source of great (3)_____ to the boys. The younger of the two had a kitten. She grew slowly but was the sweetest cat in the world, until, one evening, she began to (4)_____ around the house impatiently. The cat was off in the dark and the boy never saw the cat again. He was (5)_____ for a while.

SubQuestion No : 25

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

Ans ✗ 1. petrified

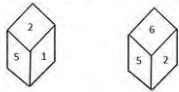✓ 2. inconsolable

✗ 3. sanguine

✗ 4. blithesome

Question ID : **26433045783**
Status : **Answered**
Chosen Option : **2**

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. 5

✗ 2. 3

✓ 3. 6

✗ 4. 2

Question ID : **26433040399**
Status : **Answered**
Chosen Option : **3**

Q.2 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row: 24, 12, 27
Second row: 29, 13, 64
Third row: 32, 24, ?
(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. 9

✗ 2. 15

✓ 3. 8

✗ 4. 18

Question ID : **26433043332**
Status : **Not Answered**
Chosen Option : **--**

Q.3 In a certain code language, 'LETTUCE' is written as 'ECUTTEL' and 'PEPPERS' is written as 'SREPPEP'. How will 'PARSNIP' be written in that language?
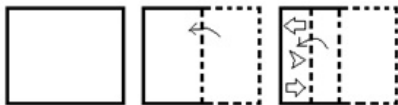
Ans ✗ 1. PINSARP

✗ 2. PNISRAP

✓ 3. PINSRAP

✗ 4. PISNRAP

Question ID : **26433045046**
Status : **Answered**
Chosen Option : **3**

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

Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.

Question ID : **26433044962**
Status : **Answered**
Chosen Option : **2**

Q.5 Select the Venn diagram that best represents the relationship between the following classes.
Brothers, Fathers, Painters

Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.

Question ID : **26433040150**	
Status : **Answered**	
Chosen Option : **2**	

Q.6 Seven friends S, T, U, V, W, X and Y, each has a different age. W is older than X but younger than V. Only three people are older than V. T is older than U but younger than S. Y is the youngest among all. How many persons are younger than U?

Ans

✓ 1. 4

✗ 2. 2

✗ 3. 1

✗ 4. 5

Question ID : **26433043476**	
Status : **Answered**	
Chosen Option : **1**	

Q.7 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.
EVIDENT : NTIDEEV :: DYNAMIC : ICNAMDY :: FICTION : ?

Ans

✗ 1. NOICTIF

✗ 2. ONTCIFI

✗ 3. NOITCIF

✓ 4. ONCTIFI

Question ID : **26433040482**	
Status : **Answered**	
Chosen Option : **2**	

Q.8 Which of the following numbers will replace the question mark (?) in the given series?
1024, 1032, 1059, 1123, ?

Ans

✓ 1. 1248

✗ 2. 1252

✗ 3. 1254

✗ 4. 1250

Question ID : **26433043549**	
Status : **Answered**	
Chosen Option : **1**	

Q.9 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.
25 * 5 * 10 * 2 * 8 * 17

Ans ✓ 1. ÷, +, ×, −, =

✗ 2. −, +, ÷, ×, =
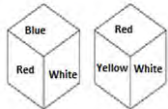
✗ 3. ×, ÷, −, +, =

✗ 4. ÷, ×, −, +, =

Question ID : **26433040615**
Status : **Answered**
Chosen Option : **1**

Q.10 Two different positions of the same dice are shown, the six faces of which are colored Red, Green, Blue, Yellow, Black, White. Select the color that will be on the face opposite to the one colored Blue.

Ans ✓ 1. Yellow

✗ 2. Black

✗ 3. Red

✗ 4. Green

Question ID : **26433040186**
Status : **Answered**
Chosen Option : **1**

Q.11 Which letter-cluster will replace the question mark (?) to complete the given series?
OLJB, ?, IVDL, FAAQ, CFXV

Ans ✓ 1. LQGG

✗ 2. ROFJ

✗ 3. SRGK

✗ 4. LRFK

Question ID : **26433039027**
Status : **Answered**
Chosen Option : **1**

Q.12 एक आदमी की ओर इशारा करते हुए राधिका ने कहा- "उसके पुत्र की बहन मेरे पुत्र की बहन की बहन है।" वह व्यक्ति राधिका से किस प्रकार संबंधित है?

Ans ✗ 1. पिता

✓ 2. पति

✗ 3. ससुर

✗ 4. भाई

Question ID : **26433040308**
Status : **Answered**
Chosen Option : **2**

Q.13 प्रियांश, जो रजत (पुरुष) का इकलौता पुत्र है, प्रकाश से कहता है, "तुम्हारी माँ, वीणा मेरे पिता की बड़ी बहन है, जो कृष्ण जी के इकलौते पुत्र हैं"। रजत, प्रकाश से किस प्रकार संबंधित है?

Ans
✔ 1. मामा
✘ 2. कज़िन
✘ 3. पिता
✘ 4. ताउ/चाचा

Question ID : 26433045279
Status : **Answered**
Chosen Option : **1**

Q.14 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. 169 : 11
✔ 2. 25 : 5
✘ 3. 36 : 4
✘ 4. 9 : 1

Question ID : 26433041083
Status : **Answered**
Chosen Option : **2**

Q.15 Which of the following numbers will replace the question mark (?) in the given series?
16, 32, 29, ?, 111, 666

Ans
✘ 1. 132
✘ 2. 128
✘ 3. 120
✔ 4. 116

Question ID : 26433040575
Status : **Answered**
Chosen Option : **4**

Q.16 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

M
h 3 a y 7 5
N

Ans
✘ 1. [mirror image]
✘ 2. [mirror image]
✘ 3. [mirror image]
✔ 4. [mirror image]

Question ID : 26433040535
Status : **Answered**
Chosen Option : **4**

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

6 : 24 :: 9 : 54 :: 12 : ?

Ans   ✗ 1. 88

     ✗ 2. 98

     ✓ 3. 96

     ✗ 4. 86

Question ID : **26433045232**
Status : **Answered**
Chosen Option : **3**

Q.18 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

M

e 8 t 2 r 5 |

N

Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Question ID : **26433040548**
Status : **Answered**
Chosen Option : **4**

Q.19 If P denotes '×', Q denotes '÷', R denotes '+' and S denotes '−', then what will come in place of '?' in the following equation?

(128 Q 8) R (5 P 7) S 23 R (18 P 2) = ?

Ans   ✗ 1. 60

     ✓ 2. 64

     ✗ 3. 74

     ✗ 4. 70

Question ID : **26433043365**
Status : **Answered**
Chosen Option : **2**

Q.20 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.

48 * 12 * 625 * 25 * 21

Ans   ✗ 1. =, ×, −,+

     ✗ 2. =, ×, ×, ×

     ✗ 3. ÷, +, =, +

     ✓ 4. ÷, =, ÷, −

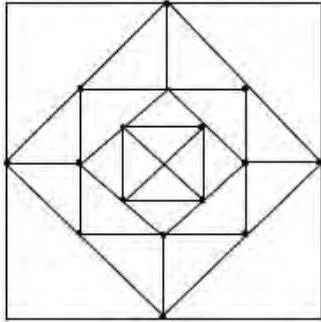Question ID : **26433040716**
Status : **Answered**
Chosen Option : **4**

Q.21 Which of the following numbers will replace the question mark (?) in the given series?
5, 9, 21, 43, 91, 185, ?

Ans ✗ 1. 366

✗ 2. 367

✔ 3. 377

✗ 4. 376

Question ID : **26433045211**
Status : **Answered**
Chosen Option : **3**

Q.22 How many triangles are there in the given figure?

Ans ✗ 1. 30

✔ 2. 32

✗ 3. 28

✗ 4. 25

Question ID : **26433040530**
Status : **Answered**
Chosen Option : **2**

Q.23 Which letter-cluster will replace the question mark (?) to complete the given series?
TSXA, XBLT, ?, FTNF, JCBY

Ans ✗ 1. LUWQ

✗ 2. CJSM

✗ 3. FKEW

✔ 4. BKZM

Question ID : **26433044976**
Status : **Answered**
Chosen Option : **4**

Q.24 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. 1 : 2

✗ 2. 3 : 5

✗ 3. 7 : 25

✗ 4. 5 : 13

Question ID : **26433040343**
Status : **Answered**
Chosen Option : **1**

Q.25 In a certain code language, 'BRIGHT' is written as 'IYTRGS' and 'LOCATE' is written as 'LOZXVG'. How will 'COSTLY' be written in that language?

Ans
✗ 1. XLGHBO

✗ 2. LXHGOB

✗ 3. XLHGBO

✓ 4. LXGHBO

Question ID : **26433040298**
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 The average of five numbers, given in a particular order, is 32. The average of the first three numbers is 28, while that of the last three numbers is 34. What is the average of the first two numbers?

Ans
✓ 1. 29

✗ 2. 30

✗ 3. 27

✗ 4. 28

Question ID : **26433043923**
Status : **Answered**
Chosen Option : **1**

Q.2 Select the correct identity from the following options.

Ans
✗ 1. $1 + \cos^2 A = \sin^2 A$

✗ 2. $1 + \sin^2 A = \cos^2 A$

✓ 3. $1 + \tan^2 A = \sec^2 A$

✗ 4. $1 + \sec^2 A = \tan^2 A$

Question ID : **26433041561**
Status : **Answered**
Chosen Option : **3**

Q.3 Simplify
$11.5 - [5 + 0.5 \times (9 - 3 \times 2)]$

Ans
✓ 1. 5

✗ 2. 4

✗ 3. 3

✗ 4. 6

Question ID : **26433042676**
Status : **Answered**
Chosen Option : **1**

Q.4 Find the principal amount if the interest compounded annually at the rate of 10% for two years is ₹4,200.

Ans ✗ 1. ₹17,500

✓ 2. ₹20,000

✗ 3. ₹24,000

✗ 4. ₹16,000

Question ID : **26433039371**
Status : **Answered**
Chosen Option : **2**

Q.5 Which of the following numbers is NOT divisible by 75?

Ans ✗ 1. 117975

✗ 2. 275475

✓ 3. 163750

✗ 4. 666600

Question ID : **26433043920**
Status : **Answered**
Chosen Option : **3**

Q.6 Tim is thrice as good a workman as Joya and together they finish a piece of work in 75 days. In how many days will Tim alone finish the work?

Ans ✗ 1. 25 days

✓ 2. 100 days

✗ 3. 50 days

✗ 4. $\frac{1}{100}$ days

Question ID : **26433038717**
Status : **Answered**
Chosen Option : **2**

Q.7 While selling an item, a businessman allows a 40% discount on the marked price and incurs a loss of 30%. If the item is sold at the marked price, profit will be _____.

Ans ✗ 1. 10%

✗ 2. 16%

✓ 3. $16\frac{2}{3}\%$

✗ 4. $16\frac{1}{3}\%$

Question ID : **26433042517**
Status : **Answered**
Chosen Option : **3**

Q.8 If $P(x) = (x^3 - 8)(x + 1)$ and $Q(x) = (x^3 + 1)(x - 2)$, the LCM of $P(x)$ and $Q(x)$ is:

Ans ✗ 1.
$$(x^2 + 2x + 4)(x^2 + 4x + 1)$$

✓ 2.
$$(x + 1)(x - 2)(x^2 + 2x + 4)(x^2 - x + 1)$$

✗ 3.
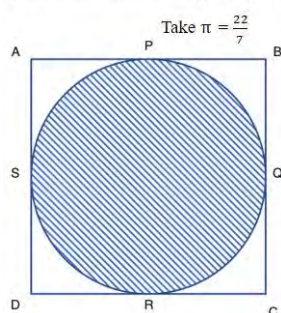$$(x + 1)^2(x - 2)^2(x^2 + 2x + 4)(x^2 + 4x + 1)$$

✗ 4. (x-2)(x+1)

Question ID : 26433044160
Status : **Answered**
Chosen Option : **2**

Q.9 ABCD is a square of side 21 cm. A circle is inscribed in the square, which touches the sides of the square at P, Q, R and S as shown below in the figure. What is the area (in cm^2) of the non-shaded region? [Figure is not drawn to scale.]

Take $\pi = \frac{22}{7}$

Ans ✗ 1. 88.4

✗ 2. 84.6

✗ 3. 90.7

✓ 4. 94.5

Question ID : 26433038637
Status : **Answered**
Chosen Option : **4**

Q.10 The area of two similar triangles XYZ and ABC are 361 cm^2 and 225 cm^2, respectively. If the longest side of the larger △ XYZ be 38 cm, then what is the length (in cm) of the longest side of the smaller △ ABC?

Ans ✗ 1. 35

✗ 2. 28

✗ 3. 32

✓ 4. 30

Question ID : 26433038645
Status : **Answered**
Chosen Option : **4**

Q.11 "The difference between the CI and the SI on a sum of money lent for 2 years at 20% interest per annum is ₹ 80. The sum is:"

Ans ✗ 1. ₹1,200

✓ 2. ₹2,000

✗ 3. ₹1,500

✗ 4. ₹1,000

Question ID : **26433039174**
Status : **Answered**
Chosen Option : **2**

Q.12 The price of a book is first increased by 8% and later decreased by 8%. What is the percentage change in the price of the book?

Ans ✗ 1. No change

✓ 2. decrease by 0.64%

✗ 3. increase by 0.064%

✗ 4. increase by 0.64%

Question ID : **26433043911**
Status : **Answered**
Chosen Option : **2**

Q.13 A book with a marked price of ₹600 is available at a discount of 18%. What is the discount given?

Ans ✗ 1. ₹180

✗ 2. ₹110

✓ 3. ₹108

✗ 4. ₹72

Question ID : **26433041582**
Status : **Answered**
Chosen Option : **3**

Q.14 The price of a pen is first increased by 15% and later on the price was decreased by 20% due to reduction in sales. Find the net percentage change in the final price of a pen.

Ans ✗ 1. 25%

✗ 2. 8%

✓ 3. −8%

✗ 4. −16%

Question ID : **26433039232**
Status : **Answered**
Chosen Option : **3**

Q.15 Simplify the following expression.
(0.14×0.14)-(2×0.14×5.14)+(5.14×5.14)

Ans ✗ 1. 5.18

✗ 2. 4

✗ 3. 16

✓ 4. 25

Question ID : **26433041404**
Status : **Answered**
Chosen Option : **4**

Q.16 An athlete crosses a distance of 3600 m in 12 minutes. What is his speed (in km/h)?

Ans ✖ 1. 15

✖ 2. 17

✔ 3. 18

✖ 4. 16

Question ID : **26433042708**
Status : **Answered**
Chosen Option : **3**

Q.17 The base of a hemispherical bowl has a circumference of 132 cm. Find the capacity of the bowl.

$$\left(\text{use } \pi \frac{22}{7}\right)$$

Ans ✖ 1. 18240 cm^3

✔ 2. 19404cm^3

✖ 3. 19708 cm^3

✖ 4. 16540 cm^3

Question ID : **26433044060**
Status : **Answered**
Chosen Option : **2**

Q.18 Which of the following ratios is the smallest?
3 : 4, 1 : 2 , 2 : 5, 1 : 3

Ans ✔ 1. 1:3

✖ 2. 2:5

✖ 3. 3:4

✖ 4. 1:2

Question ID : **26433042562**
Status : **Answered**
Chosen Option : **1**

Q.19
Solve $\dfrac{(6.9)^3+(2.7)^3+(5.8)^3-3\times6.9\times2.7\times5.8}{(6.9)^2+(2.7)^2+(5.8)^2-(6.9)(2.7)-(2.7)(5.8)-(5.8)(6.9)}$

Ans ✖ 1. 15.1

✖ 2. 15.3

✖ 3. 15.2

✔ 4. 15.4

Question ID : **26433039273**
Status : **Answered**
Chosen Option : **4**

Q.20 Study the given table and answer the question that follow.

The following table gives the month-wise number of different types of scooters produced by a comapny during the first six months of 1992.

Types of scooters	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
X	25	25	18	40	20	15
Y	25	27	50	45	30	20
Z	25	27	15	25	30	20
T	25	26	25	0	30	35
TOTAL	100	105	108	110	110	90

In which month did the company produce the lowest aggregate number of scooters of all the four types taken together?

Ans ✔ 1. June

✘ 2. March

✘ 3. February

✘ 4. January

Question ID : **26433045923**
Status : **Answered**
Chosen Option : **1**

Q.21 A shopkeeper sells rice at cost price but uses a faulty weighing machine and thus gains a profit of 25%. Find how many grams rice he is giving in 1 kg ?

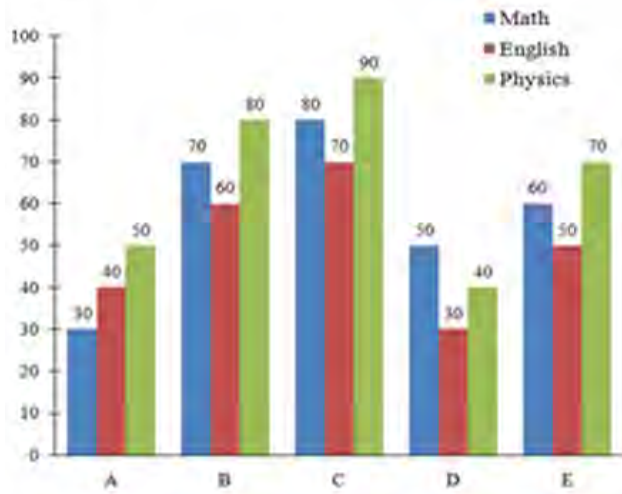**Ans** ✔ 1. 800gm

✘ 2. 700gm

✘ 3. 900gm

✘ 4. 750 gm

Question ID : **26433041478**
Status : **Answered**
Chosen Option : **4**

Q.22 Study the given graph carefully and answer the question that follows.

The graph shows the marks scored by five students in the subjects Math, English and Physics.

What is the difference between the total marks obtained by B and the total marks obtained by A?
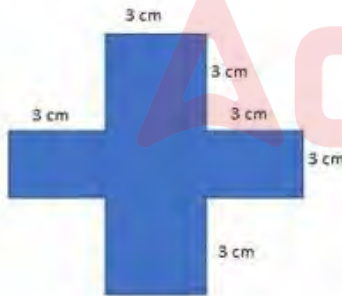
Ans ✖ 1. 80 marks

✔ 2. 90 marks

✖ 3. 95 marks

✖ 4. 85 marks

Question ID : **26433042672**
Status : **Answered**
Chosen Option : **2**

Q.23 Calculate the area of the shaded region in the following diagram.

Ans ✔ 1. 45 cm^2

✖ 2. 42 cm^2

✖ 3. 48 cm^2

✖ 4. 50 cm^2

Question ID : **26433041327**
Status : **Answered**
Chosen Option : **1**

Q.24 The average salary per head of all the workers in a workshop is ₹8,850. If the average salary per head of 9 technicians is ₹10,000, and the average salary per head of the rest is ₹7,780, find the total number of workers in the workshop.(Consider integral part only)

Ans ✓ 1. 18

✗ 2. 22

✗ 3. 24

✗ 4. 16

Question ID : **26433042602**
Status : **Answered**
Chosen Option : **1**

Q.25 Study the given table and answer the question that follows.

Given that the total number of students is 100.

Subject	Marks out of 100				
	80 and above	60 and above	40 and above	20 and above	0 and above
A	9	31	81	92	100
B	4	20	67	81	100
C	7	26	74	87	100

The percentage of the number of students getting at least 40% marks in A over those getting at least 20% marks in C, is approximately _____.

Ans ✗ 1. 90%

✗ 2. 89%

✗ 3. 83%

✓ 4. 93%

Question ID : **26433044185**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

Q.1 In the early 1900s, which German climatologist divided the world's climate into different categories based on temperature, amount of rainfall and the time of year when rainfall occurs?

Ans ✗ 1. Michael Wille

✓ 2. Wladimir Koppen

✗ 3. Rudolf Geiger

✗ 4. Alfred Wegener

Question ID : **26433044781**
Status : **Answered**
Chosen Option : **4**

Q.2 Ustad Allah Rakha was famous for playing the _____.

Ans ✓ 1. tabla

✗ 2. sitar

✗ 3. sarod

✗ 4. bansuri

Question ID : **26433038764**
Status : **Answered**
Chosen Option : **2**

Q.3 Who among the following, after winning the Russian Grand Prix 2021, became the first F1 driver to win 100 races?

Ans
- ✗ 1. George Russell
- ✗ 2. Valtteri Bottas
- ✗ 3. Carlos Sainz
- ✓ 4. Lewis Hamilton

Question ID : **26433038921**
Status : **Answered**
Chosen Option : **2**

Q.4 Pt Bhimsen Joshi is associated with which of the following?

Ans
- ✓ 1. Hindustani music vocalist
- ✗ 2. Sarod
- ✗ 3. Sitar
- ✗ 4. Carnatic music vocalist

Question ID : **26433041711**
Status : **Answered**
Chosen Option : **1**

Q.5 Which is the toxin-causing bacterium that spoils cream, cheese and milk and makes them taste bitter, sour or bitter?

Ans
- ✓ 1. Bacillus cereus
- ✗ 2. Streptococcus thermophilus
- ✗ 3. Bifidobacterium
- ✗ 4. Lactobacillus plantarum

Question ID : **26433041894**
Status : **Answered**
Chosen Option : **4**

Q.6 Which north bank tributary of the Ganges River comprises of two streams, namely Kaligandak and Trishulganga?

Ans
- ✗ 1. Mahananda River
- ✓ 2. Gandak River
- ✗ 3. Kosi River
- ✗ 4. Ghagra River

Question ID : **26433044885**
Status : **Answered**
Chosen Option : **2**

Q.7 Guru MK Saroja has been conferred with the Padma Shri for the relentless pursuit of which of the following dances?

Ans
- ✓ 1. Bharatanatyam
- ✗ 2. Mohiniyattam
- ✗ 3. Odissi
- ✗ 4. Kuchipudi

Question ID : **26433042174**
Status : **Answered**
Chosen Option : **1**

Q.8 'The Autobiography of an Unknown Indian' is the autobiography of _____.

Ans ✗ 1. UV Swaminathan Iyer

✗ 2. Anna Chandy

✓ 3. Nirad C. Chaudhuri

✗ 4. Inder Kumar Gujral

Question ID : **26433041904**
Status : **Answered**
Chosen Option : **1**

Q.9 V Satyanarayana Sarma, an exponent of the Kuchipudi dance form was conferred which of the following awards by the Government of India?

Ans ✓ 1. Padma Shri

✗ 2. Kala Shastri Award

✗ 3. Padma Bhushan

✗ 4. Padma Vibhushan

Question ID : **26433041761**
Status : **Answered**
Chosen Option : **3**

Q.10 What is a biotechnological process accomplished by yeast, some type of bacteria, or some other microorganism to convert sugar into ethyl alcohol and carbon dioxide?

Ans ✗ 1. Pasteurisation

✗ 2. Lactic acid fermentation

✓ 3. Alcoholic fermentation

✗ 4. Glycolysis

Question ID : **26433044772**
Status : **Answered**
Chosen Option : **2**

Q.11 Which of the following names was used for the Indian subcontinent by ancient travellers like Megasthenes, FaHien, Huen Tsang, Al Beruni, Ibn Batuta etc. for active contribution of Indian traders?

Ans ✓ 1. Swaran Bhoomi

✗ 2. Swaran Jagat

✗ 3. Swaran Bet

✗ 4. Swaran Desh

Question ID : **26433041879**
Status : **Answered**
Chosen Option : **1**

Q.12 The 'Kalidas Samman' is awarded by the government of which of the following Indian states?

Ans ✓ 1. Madhya Pradesh

✗ 2. Tamil Nadu

✗ 3. Uttar Pradesh

✗ 4. Gujarat

Question ID : **26433042269**
Status : **Answered**
Chosen Option : **1**

Q.13 Antonie van Leeuwenhoek was known for which discovery in late 17th century?

Ans ✗ 1. Discovery of the properties of a stem cell

✓ 2. Observation of bacteria and protozoa

✗ 3. Discovery of the role of ATP as the source of energy for cells

✗ 4. Discovery of nucleus in the cell

Question ID : **26433044847**
Status : **Answered**
Chosen Option : **4**

Q.14 In February 2022, Government of India approved a new scheme "New India Literacy Programme (नवभारत साक्षरता कार्यक्रम)" for the period FYs _____ to cover all the aspects of Adult Education to align with National Education Policy 2020 and Budget Announcements 2021-22.

Ans ✗ 1. 2023-2028

✓ 2. 2022-2027

✗ 3. 2025-2030

✗ 4. 2024-2029

Question ID : **26433041829**
Status : **Answered**
Chosen Option : **2**

Q.15 Who among the following Indian music composers and singers, who is popular by nickname 'the Mozart of Madras', was placed in The Time's list of the world's most influential people in 2009?

Ans ✗ 1. MS Viswanathan

✓ 2. AR Rahman

✗ 3. Shankar Mahadevan

✗ 4. RD Burman

Question ID : **26433042318**
Status : **Answered**
Chosen Option : **2**

Q.16 The 'Room on the roof' a novel about an orphaned English boy living with his guardian is written by whom among the following authors?

Ans ✗ 1. Khushwant Singh

✗ 2. Arundhati Roy

✗ 3. Manohar Malgaonkar

✓ 4. Ruskin Bond

Question ID : **26433041705**
Status : **Answered**
Chosen Option : **4**

Q.17 Which of the following Indian cities will host the International Olympic Committee session in 2023?

Ans ✗ 1. Delhi

✗ 2. Bengaluru

✓ 3. Mumbai

✗ 4. Hyderabad

Question ID : **26433044492**
Status : **Answered**
Chosen Option : **3**

Q.18 The historical fiction novel 'The King Within' is authored by:

Ans
1. Krishna Sobti ✗
2. Indu Sundaresan ✗
3. Nandini Sengupta ✓
4. Kiran Nagarkar ✗

Question ID : **26433039012**
Status : **Answered**
Chosen Option : **2**

Q.19 Who among the following was appointed as the head coach of the Indian cricket team in November 2021?

Ans
1. Saurav Ganguly ✗
2. Sachin Tendulkar ✗
3. Rahul Dravid ✓
4. Ravi Shastri ✗

Question ID : **26433038929**
Status : **Answered**
Chosen Option : **3**

Q.20 Identify the word that means vertical columns of Periodic Table.

Ans
1. Valence electrons ✗
2. Groups ✓
3. Periods ✗
4. Orbitals ✗

Question ID : **26433039412**
Status : **Answered**
Chosen Option : **2**

Q.21 Vedantam Satyanarayana Sarma was an exponent of which Indian classical dance form?

Ans
1. Odissi ✗
2. Bharatanatyam ✗
3. Kuchipudi ✓
4. Kathak ✗

Question ID : **26433038968**
Status : **Answered**
Chosen Option : **1**

Q.22 Where is the JRD Tata Sports Complex located?

Ans
1. Visakhapatnam ✗
2. Ranchi ✗
3. Rourkela ✗
4. Jamshedpur ✓

Question ID : **26433042187**
Status : **Answered**
Chosen Option : **4**

Q.23 A judge of the High Court retires at the age of _____.

Ans   ✗ 1. 60

     ✗ 2. 56

     ✗ 3. 65

     ✓ 4. 62

Question ID : **26433042119**

Status : **Answered**

Chosen Option : **4**

Q.24 The Regional Rural Banks Act was passed in _____.

Ans   ✓ 1. 1976

     ✗ 2. 1956

     ✗ 3. 1986

     ✗ 4. 1966

Question ID : **26433042130**

Status : **Answered**

Chosen Option : **2**

Q.25 Dr. Purushottam Dadheech, who was awarded the prestigious Padma Shri award in 2020, is associated with which of the following dance forms?

Ans   ✗ 1. Mohiniyattam

     ✗ 2. Kuchipudi

     ✓ 3. Kathak

     ✗ 4. Odissi

Question ID : **26433042341**

Status : **Answered**

Chosen Option : **2**