

## Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Naino Ka Bas
Exam Date	08/06/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL 2021 Tier I

Section : English Language

**Q.1** Select the option that expresses the given sentence in passive voice.  
She has written many books.

- Ans ☒ 1. Many books were writing her.  
☒ 2. Many books were being written by her.  
☒ 3. Many book have written her.  
☒ 4. Many books have been written by her.

Question ID : 26433043047  
Status : Answered  
Chosen Option : 4

**Q.2** Select the most appropriate synonym of the given word.  
Sate

- Ans ☒ 1. State  
☒ 2. Saturate  
☒ 3. Satisfy  
☒ 4. Starve

Question ID : 26433039766  
Status : Answered  
Chosen Option : 3

**Q.3** 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. For the next two years the Franks and another family lived cloistered in the 'Secret Annex' of an old office building.  
B. In 1942, with the Nazis occupying Holland, a thirteen-year-old Jewish girl, Anne, and her family fled their home in Amsterdam and went into hiding.  
C. In her diary Anne Frank recorded vivid impressions of these experiences during this period.  
D. Cut off from the outside world, they faced hunger, boredom, the constant cruelties of living in confined quarters, and the ever-present threat of discovery and death.

- Ans ☒ 1. CDAB  
☒ 2. BADC  
☒ 3. BCAD  
☒ 4. BACD

Question ID : 26433042880  
Status : Answered  
Chosen Option : 2

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**Q.4** Select the most appropriate meaning of the given idiom.

Tick all the boxes

- Ans ☒ 1. To make a bad situation worse  
☒ 2. To fulfill the required norms  
☒ 3. To be extremely happy  
☒ 4. To make a decision

Question ID : 26433039049  
 Status : Answered  
 Chosen Option : 2

**Q.5** Select the most appropriate meaning of the given idiom.  
 Once in a blue moon

- Ans ☒ 1. Blue sky  
☒ 2. On a full moon night  
☒ 3. Very rarely  
☒ 4. At one time in space

Question ID : 26433039781  
 Status : Answered  
 Chosen Option : 3

**Q.6** Parts of the given sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.  
 The General have ordered that the troops should move immediately.

- Ans ☒ 1. immediately  
☒ 2. No error  
☒ 3. that the troops should move  
☒ 4. The General have ordered

Question ID : 26433043094  
 Status : Answered  
 Chosen Option : 4

**Q.7** Select the INCORRECTLY spelt word.

- Ans ☒ 1. Copulate  
☒ 2. Ignision  
☒ 3. Portion  
☒ 4. Horticulture

Question ID : 26433045526  
 Status : Answered  
 Chosen Option : 2

**Q.8** Select the most appropriate meaning of the given idiom.  
 Child's play

- Ans ☒ 1. An easy task  
☒ 2. Cricket  
☒ 3. A restricted playground  
☒ 4. Children's drama

Question ID : 26433043195  
 Status : Answered  
 Chosen Option : 1

Q.9 Select the option that will improve the underlined part of the given sentence.  
She does not helping to getting angry when she sees someone being treated unfairly

- Ans ☒ 1. is not help to being getting angry  
☒ 2. may not help to got angry  
☒ 3. will not help to gets angry  
☒ 4. cannot help getting angry

Question ID : 26433042860  
Status : Answered  
Chosen Option : 4

Q.10 Select the option that expresses the given sentence in active voice.  
The sweet mangoes were eaten by the children.

- Ans ☒ 1. The children were eating the sweet mangoes.  
☒ 2. The children was eating the sweet mangoes.  
☒ 3. The children are eating the sweet mangoes.  
☒ 4. The children ate the sweet mangoes.

Question ID : 26433039680  
Status : Answered  
Chosen Option : 4

Q.11 Complete the sentence with an appropriate synonym of the word mentioned in the bracket.

If you're feeling brave, try this \_\_\_\_\_ (savoury) dish made by me.

- Ans ☒ 1. salty  
☒ 2. stale  
☒ 3. stinky  
☒ 4. stenchy

Question ID : 26433042895  
Status : Answered  
Chosen Option : 1

Q.12 Select the option that expresses the given sentence in active voice.  
The old woman was helped by the boy while crossing the road

- Ans ☒ 1. The boy has helped the old woman while crossing the road.  
☒ 2. The boy is helping the old woman while crossing the road.  
☒ 3. The boy was helped the old woman while crossing the road.  
☒ 4. The boy helped the old woman while crossing the road.

Question ID : 26433039717  
Status : Answered  
Chosen Option : 4

Q.13 Select the option that can be used as a one-word substitute for the given group of words.  
The activity of writing dictionaries

- Ans ☒ 1. Biography  
☒ 2. Lexicography  
☒ 3. Bibliography  
☒ 4. Theology

Question ID : 26433039824  
Status : Answered  
Chosen Option : 2



Q.14 Select the option that can be used as a one-word substitute for the given group of words.

One who is well versed in many languages

- Ans ☒ 1. Verbose  
☒ 2. linguist  
☒ 3. Polyglot  
☒ 4. Stalwart

Question ID : 26433039902

Status : Answered

Chosen Option : 3

Q.15 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The careful crafted personality / of Anahita / did not help her much / in the electoral campaign.

- Ans ☒ 1. did not help her much  
☒ 2. The careful crafted personality  
☒ 3. of Anahita  
☒ 4. in the electoral campaign

Question ID : 26433040022

Status : Answered

Chosen Option : 2

Q.16 The following sentence has been split into four segments. Identify the segment that contains an INCORRECTLY spelt word.

It was really surprising / that the two bosom friends fought / over such a triviale matter / and stopped all communications with each other.

- Ans ☒ 1. It was really surprising  
☒ 2. over such a triviale matter  
☒ 3. and stopped all communications with each other  
☒ 4. that the two bosom friends fought

Question ID : 26433045549

Status : Answered

Chosen Option : 2

Q.17 Select the most appropriate synonym of the given word  
His modest nature made all the difference.

- Ans ☒ 1. courageous  
☒ 2. dry  
☒ 3. shy  
☒ 4. horrific

Question ID : 26433045469

Status : Answered

Chosen Option : 3

Q.18 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'.  
If they are going out, surely we will follow them.

- Ans ☒ 1. went out  
☒ 2. go out  
☒ 3. were going  
☒ 4. No substitution required

Question ID : 26433039924  
Status : Answered  
Chosen Option : 2

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

Stupendous

- Ans ☒ 1. Stunning  
☒ 2. Magnifying  
☒ 3. Shining  
☒ 4. Amplifying

Question ID : 26433043064  
Status : Answered  
Chosen Option : 1

Q.20 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Allimony  
☒ 2. Hallucinate  
☒ 3. Structural  
☒ 4. Halloween

Question ID : 26433045529  
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.  
Living organisms (1)\_\_\_\_\_ their own kind through a process called reproduction. Plants also increase in number through the process of reproduction. Different plants reproduce in different ways. Most of the flowering plants produce seeds. Plants produce many seeds. Few of these seeds (2)\_\_\_\_\_ and germinate into new plants. When a seed gets the (3)\_\_\_\_\_ amount of air, water, soil and sunlight, it grows into a plant. Fruits have seeds (4)\_\_\_\_\_ them. When a fruit (5)\_\_\_\_\_ up, the seeds inside it can be used to grow new plants of the same kind.

SubQuestion No : 21

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

- Ans ☒ 1. design  
☒ 2. construct  
☒ 3. spread  
☒ 4. create

Question ID : 26433045731  
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.  
Living organisms (1)\_\_\_\_\_ their own kind through a process called reproduction. Plants also increase in number through the process of reproduction. Different plants reproduce in different ways. Most of the flowering plants produce seeds. Plants produce many seeds. Few of these seeds (2)\_\_\_\_\_ and germinate into new plants. When a seed gets the (3)\_\_\_\_\_ amount of air, water, soil and sunlight, it grows into a plant. Fruits have seeds (4)\_\_\_\_\_ them. When a fruit (5)\_\_\_\_\_ up, the seeds inside it can be used to grow new plants of the same kind.

### SubQuestion No : 22

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

- Ans ☒ 1. prevail  
☒ 2. exist  
☒ 3. survive  
☒ 4. bear

Question ID : 26433045732

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.  
Living organisms (1)\_\_\_\_\_ their own kind through a process called reproduction. Plants also increase in number through the process of reproduction. Different plants reproduce in different ways. Most of the flowering plants produce seeds. Plants produce many seeds. Few of these seeds (2)\_\_\_\_\_ and germinate into new plants. When a seed gets the (3)\_\_\_\_\_ amount of air, water, soil and sunlight, it grows into a plant. Fruits have seeds (4)\_\_\_\_\_ them. When a fruit (5)\_\_\_\_\_ up, the seeds inside it can be used to grow new plants of the same kind.

### SubQuestion No : 23

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

- Ans ☒ 1. helpful  
☒ 2. equal  
☒ 3. right  
☒ 4. valid

Question ID : 26433045733

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.  
Living organisms (1)\_\_\_\_\_ their own kind through a process called reproduction. Plants also increase in number through the process of reproduction. Different plants reproduce in different ways. Most of the flowering plants produce seeds. Plants produce many seeds. Few of these seeds (2)\_\_\_\_\_ and germinate into new plants. When a seed gets the (3)\_\_\_\_\_ amount of air, water, soil and sunlight, it grows into a plant. Fruits have seeds (4)\_\_\_\_\_ them. When a fruit (5)\_\_\_\_\_ up, the seeds inside it can be used to grow new plants of the same kind.

### SubQuestion No : 24

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

- Ans ☒ 1. interior  
☒ 2. inside  
☒ 3. inner  
☒ 4. inward

Question ID : 26433045734

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.  
Living organisms (1)\_\_\_\_\_ their own kind through a process called reproduction. Plants also increase in number through the process of reproduction. Different plants reproduce in different ways. Most of the flowering plants produce seeds. Plants produce many seeds. Few of these seeds (2)\_\_\_\_\_ and germinate into new plants. When a seed gets the (3)\_\_\_\_\_ amount of air, water, soil and sunlight, it grows into a plant. Fruits have seeds (4)\_\_\_\_\_ them. When a fruit (5)\_\_\_\_\_ up, the seeds inside it can be used to grow new plants of the same kind.

### SubQuestion No : 25

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

- Ans ☒ 1. soaks  
☒ 2. dries  
☒ 3. wipes  
☒ 4. dehydrates

Question ID : 26433045735  
Status : Answered  
Chosen Option : 2

### Section : General Intelligence

Q.1 In a certain code language, 'PALACE' is written as 'ZKZOVX' and 'DEVINE' is written as 'VWREVM'. How will 'SLOWLY' be written in that language?

- Ans ☒ 1. HODLBO  
☒ 2. OHLDOB  
☒ 3. OHDLBO  
☒ 4. HOLDOB

Question ID : 26433040300  
Status : Answered  
Chosen Option : 3

Q.2 Manoj is the son of Eyup's father's sister. Ronaldo is the son of Rihana, who is the mother of Jorge and grandmother of Eyup. Dario is the father of Sheila and the grandfather of Manoj. Rihana is the wife of Dario. How is the wife of Jorge related to Sheila?

- Ans ☒ 1. Cousin  
☒ 2. Daughter  
☒ 3. Sister  
☒ 4. Sister-in-law

Question ID : 26433045275  
Status : Answered  
Chosen Option : 4

Q.3 Which letter cluster will replace the question mark (?) to complete the given series?  
GODT, JMAV, MKXX, PIUZ, ?

- Ans ☒ 1. SGRC  
☒ 2. SHRB  
☒ 3. SHRC  
☒ 4. SGRB

Question ID : 26433043513  
Status : Answered  
Chosen Option : 4

Q.4 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 fourth term related to third term.  
6789 : 34 :: 1786 : 26 :: 4327 : ?

- Ans ☒ 1. 25  
☒ 2. 20  
☒ 3. 30  
☒ 4. 35

Question ID : 26433043563  
Status : Answered  
Chosen Option : 2

Q.5 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 books are pens.

All pens are pencils.

Conclusions:

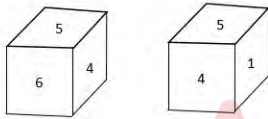
I. Some pencils are books.

II. Some books are not pencils.

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

Question ID : 26433045142  
Status : Answered  
Chosen Option : 4

Q.6 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. What is the sum of the numbers that are opposite '5' and '4'?



- Ans ☒ 1. 6  
☒ 2. 4  
☒ 3. 3  
☒ 4. 5

Question ID : 26433040777  
Status : Answered  
Chosen Option : 4

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) is/are followed in all the number-pairs, except one. Find that odd number-pair.

- Ans ☒ 1. 4:15  
☒ 2. 12:143  
☒ 3. 8:66  
☒ 4. 3:8

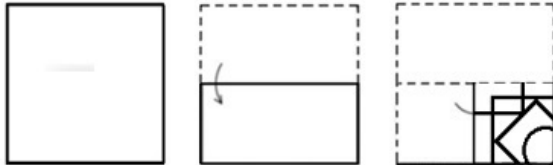
Question ID : 26433040195  
Status : Answered  
Chosen Option : 3

Q.8 Which of the following numbers will replace the question mark (?) in the given series?  
23, 138, 143, ?, 575, 1150

- Ans ☒ 1. 525  
☒ 2. 500  
☒ 3. 572  
☒ 4. 553

Question ID : 26433040596  
Status : Answered  
Chosen Option : 3

Q.9 A paper is folded and cut as shown. How will it appear when unfolded?



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 26433046000  
Status : Answered  
Chosen Option : 4

Q.10 Pointing to a woman on the stage, Noor said, "She is the wife of the son-in-law of the wife of my father". How is the woman related to Noor?

- Ans ☒ 1. Mother  
☒ 2. Daughter  
☒ 3. Sister  
☒ 4. Sister-in-law

Question ID : 26433039311  
Status : Answered  
Chosen Option : 3

Q.11 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.  
BRIGHT : THGIRB :: DANGER : REGNAD :: FOREST : ?

- Ans ☒ 1. ESTFOR  
☒ 2. REFOST  
☒ 3. RESTOF  
☒ 4. TSEROF

Question ID : 26433040725  
Status : Answered  
Chosen Option : 4

Q.12 Which of the following numbers will replace the question mark (?) in the given series?  
4, 21, 41, 66, 98, 141, 197, 270, ?

- Ans ☒ 1. 326  
☒ 2. 362  
☒ 3. 361  
☒ 4. 316

Question ID : 26433045218  
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.

a j k 2 7 5  
M  
|  
N

- Ans ☒ 1. 5 7 2 k j a  
☒ 2. 5 7 2 k j a  
☒ 3. 5 7 2 k j a  
☒ 4. 5 7 2 k j a

Question ID : 26433040325  
Status : Answered  
Chosen Option : 2

Q.14 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 fourth term related to third term.

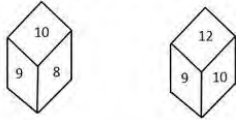
9876 : 26 :: 8671 : 18 :: 3427 : ?

- Ans ☒ 1. 15  
☒ 2. 13  
☒ 3. 14  
☒ 4. 12

Question ID : 26433043562  
Status : Answered  
Chosen Option : 4



**Q.15** Two different positions of the same dice are shown, the six faces of which are numbered from 7 to 12. Select the number that will be on the face opposite to the one showing '8'.



- Ans
- ☒ 1. 11
  - ☒ 2. 10
  - ☒ 3. 9
  - ☒ 4. 12

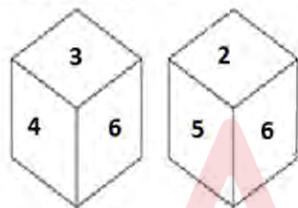
Question ID : 26433040403  
Status : Answered  
Chosen Option : 2

**Q.16** In a certain code language, 'TABLE' is written as '2012125' and 'CHAIR' is written as '381918'. How will 'STAND' be written in that language?

- Ans
- ☒ 1. 19201158
  - ☒ 2. 19201154
  - ☒ 3. 19201144
  - ☒ 4. 19201146

Question ID : 26433040764  
Status : Answered  
Chosen Option : 3

**Q.17** 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 '6'.



- Ans
- ☒ 1. 2
  - ☒ 2. 4
  - ☒ 3. 3
  - ☒ 4. 1

Question ID : 26433045307  
Status : Answered  
Chosen Option : 4

**Q.18** In a certain code language, "SPOT" is written as "POST", and "PLOT" is written as "LOPT". How will "SINK" be written in that language?

- Ans
- ☒ 1. KINS
  - ☒ 2. KNIS
  - ☒ 3. NISK
  - ☒ 4. INSK

Question ID : 26433043480  
Status : Answered  
Chosen Option : 4

Q.19 Which letter-cluster will replace the question mark (?) to complete the given series?  
QTGC, RBVY, ?, TRZQ, UZOM

- Ans ☒ 1. SDJV  
☒ 2. SJKU  
☒ 3. SWTI  
☒ 4. SLAY

Question ID : 26433044978  
Status : Answered  
Chosen Option : 2

Q.20 Which of the following numbers will replace the question mark (?) in the given series?

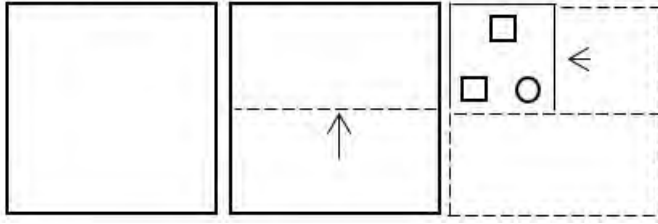
600,1500, 3750, 9375, ?

- Ans ☒ 1. 23437.50  
☒ 2. 21427.50  
☒ 3. 23126.50  
☒ 4. 22125.25

Question ID : 26433043278  
Status : Answered  
Chosen Option : 1

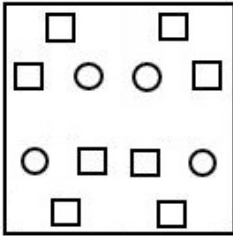


Q.21 A paper is folded and cut as shown. How will it appear when unfolded?

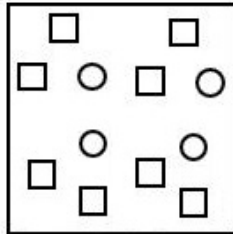


Ans

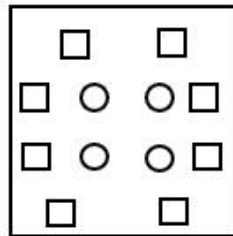
✗ 1.



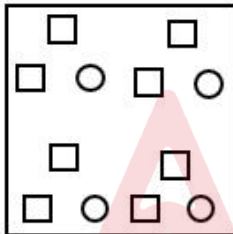
✗ 2.



✓ 3.



✗ 4.



Question ID : 26433040506

Status : Answered

Chosen Option : 3

Q.22 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. 48 - 62

✗ 2. 32 - 40

✗ 3. 64 - 80

✗ 4. 56 - 70

Question ID : 26433045322

Status : Answered

Chosen Option : 1

Q.23 Select the correct combination of mathematical signs to sequentially replace the \* signs and to balance the given equation.  
 $75*85*17*12*6*8$

- Ans ☒ 1.  $\times, -, \div, +, =$   
☒ 2.  $+, \times, \div, -, =$   
☒ 3.  $\times, \div, -, +, =$   
☒ 4.  $+, \div, -, \times, =$

Question ID : 26433040862  
 Status : Answered  
 Chosen Option : 4

Q.24 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row - 12, 25, 19  
 Second row - 35, 50, 60  
 Third row - 24, 70, ?

(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. 58  
☒ 2. 46  
☒ 3. 30  
☒ 4. 34

Question ID : 26433044968  
 Status : Answered  
 Chosen Option : 2

Q.25 Which of the following numbers will replace the question mark (?) in the given series?  
 14, 17, 23, 35, 59, ?

- Ans ☒ 1. 127  
☒ 2. 107  
☒ 3. 118  
☒ 4. 103

Question ID : 26433043266  
 Status : Answered  
 Chosen Option : 2

Section : Quantitative Aptitude

Q.1 If Priya and Renu can do a job in 12 hours (working together at their respective constant speeds) and Priya can do the job alone in 18 hours, in how many hours can Renu do the job alone?

- Ans ☒ 1. 36  
☒ 2. 24  
☒ 3. 27  
☒ 4. 21

Question ID : 26433039376  
 Status : Answered  
 Chosen Option : 1

Q.2 The following table shows the sales of cars of four manufacturers for the period from 2015 to 2020 in a metropolitan city (all the figures are in thousands).

Manufacturer	2015	2016	2017	2018	2019	2020
A	44	48	47	50	52	51
B	40	41	41	41	42	43
C	36	38	40	42	44	50
D	48	44	44	42	42	43

What are the total sales of cars of the four manufacturers under consideration in the city in the entire period of 6 years (from 2015 to 2020)?

- Ans
- ☐ 1. 1650000
  - ☒ 2. 1053000
  - ☐ 3. 1052000
  - ☐ 4. 1651000

Question ID : 26433041642  
Status : Answered  
Chosen Option : 2

Q.3 If  $\sec^2 \theta = \frac{4}{3}$ , then the value of  $\operatorname{cosec}(\theta + 30^\circ)$  is \_\_\_\_\_. [ $\theta$  is an acute angle.]

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

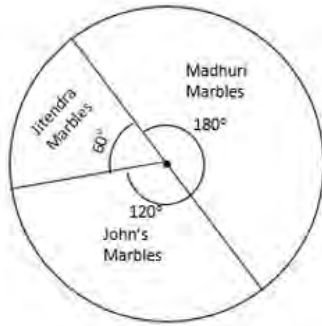
Question ID : 26433042653  
Status : Answered  
Chosen Option : 2

Q.4 If  $px^3 + x^2 + 3x + q$  is exactly divisible by  $(x + 2)$  and  $(x - 2)$ , then the values of  $p$  and  $q$  are:

- Ans
- ☐ 1.  $p = -\frac{3}{4}$  and  $q = 4$
  - ☐ 2.  $p = \frac{3}{4}$  and  $q = 4$
  - ☐ 3.  $p = \frac{3}{4}$  and  $q = -4$
  - ☒ 4.  $p = -\frac{3}{4}$  and  $q = -4$

Question ID : 26433042589  
Status : Answered  
Chosen Option : 3

- Q.5 The following pie chart is the distribution of 36 marbles among three persons. The number of marbles that Madhuri has is \_\_\_\_\_.



- Ans ☒ 1. 18  
☒ 2. 20  
☒ 3. 16  
☒ 4. 12

Question ID : 26433044361  
 Status : Answered  
 Chosen Option : 1

- Q.6 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

If at least 60% marks in B and C are required for pursuing Post-doc in B, how many students in total will be eligible to pursue higher studies in B and C?

- Ans ☒ 1. 38  
☒ 2. 36  
☒ 3. 46  
☒ 4. 48

Question ID : 26433044183  
 Status : Answered  
 Chosen Option : 3

- Q.7 The surface area of a cube is  $726 \text{ cm}^2$ . Find the volume of the cube

- Ans ☒ 1.  $2744 \text{ cm}^3$   
☒ 2.  $1729 \text{ cm}^3$   
☒ 3.  $1331 \text{ cm}^3$   
☒ 4.  $2197 \text{ cm}^3$

Question ID : 26433038725  
 Status : Answered  
 Chosen Option : 3

Q.8 If a number 7P323Q is completely divisible by 88, then the values of P and Q, respectively, are:

- Ans
- ☐ 1. 3; 2
  - ☐ 2. 2; 3
  - ☐ 3. 4; 2
  - ☒ 4. 9; 2

Question ID : 26433042415  
Status : Answered  
Chosen Option : 4

Q.9 If  $a : b = 2 : 5$  and  $b : c = 3 : 4$ , find the value of  $a : b : c$ .

- Ans
- ☐ 1. 6 : 16 : 21
  - ☐ 2. 2 : 5 : 7
  - ☒ 3. 6 : 15 : 20
  - ☐ 4. 3 : 8 : 10

Question ID : 26433039527  
Status : Answered  
Chosen Option : 3

Q.10 Find the length of diagonal of a cuboid 13 m long, 7 m broad and 3 m high.

- Ans
- ☐ 1.  $\sqrt{207}$  m
  - ☐ 2.  $\sqrt{232}$  m
  - ☐ 3.  $\sqrt{327}$  m
  - ☒ 4.  $\sqrt{227}$  m

Question ID : 26433038727  
Status : Answered  
Chosen Option : 4

Q.11 If half of the quantity of sugar in a bag was sold at a profit of 20%, a quarter of the quantity of sugar in the bag was sold at a profit of 16%, and the remaining sugar in the bag was sold at a profit of 24%, and the total profit obtained by selling all the sugar in the bag was ₹90, what was the cost price of the entire quantity of sugar in the bag?

- Ans
- ☒ 1. ₹450
  - ☐ 2. ₹750
  - ☐ 3. ₹500
  - ☐ 4. ₹400

Question ID : 26433039237  
Status : Answered  
Chosen Option : 1

Q.12 If two circles of radii 28 cm and 18 cm touch each other externally, then the length of a common tangent is \_\_\_\_\_. [Give your answer correct to 2 decimal places.]

- Ans
- ☐ 1. 40.90 cm
  - ☐ 2. 42.00 cm
  - ☒ 3. 44.90 cm
  - ☐ 4. 44.12 cm

Question ID : 26433042642  
Status : Answered  
Chosen Option : 3



Q.13 How much water (in ml) should be added to 300 ml of a 75% milk and water mixture so that it becomes a 45% milk and water mixture?

- Ans
- ☐ 1. 300
  - ☐ 2. 250
  - ☐ 3. 150
  - ☒ 4. 200

Question ID : 26433038614

Status : Answered

Chosen Option : 4

Q.14 The marked price of a shirt is ₹1,200. The shopkeeper gives successive discounts of 25% and 20%. Find the selling price of the shirt.

- Ans
- ☐ 1. ₹660
  - ☐ 2. ₹640
  - ☒ 3. ₹720
  - ☐ 4. ₹680

Question ID : 26433041524

Status : Answered

Chosen Option : 3

Q.15 A batch of 30 students took an intelligence test in an institution. 20 of them scored an average of 75 marks and the remaining students scored an average of 87 marks. What is the average score of the entire batch of students?

- Ans
- ☒ 1. 79
  - ☐ 2. 75
  - ☐ 3. 78
  - ☐ 4. 77

Question ID : 26433044201

Status : Answered

Chosen Option : 1

Q.16 Find the value of p from the following.

$$1\frac{2}{3} \div \frac{4}{9} \times \frac{p}{9} = 1\frac{1}{4} \times \frac{2}{3} \div \frac{1}{6}$$

- Ans
- ☒ 1. 12
  - ☐ 2. 18
  - ☐ 3. 20
  - ☐ 4. 6

Question ID : 26433039150

Status : Answered

Chosen Option : 1

Q.17 Sundar lends a sum of ₹6,000 to Mahesh at an interest rate of 10% p.a., compounded annually. What will be the amount at the end of 2 years?

- Ans ☒ 1. ₹7,160  
☒ 2. ₹7,250  
☒ 3. ₹7,200  
☒ 4. ₹7,260

Question ID : 26433041593  
 Status : Answered  
 Chosen Option : 4

Q.18 At 19% discount, the selling price of a book is ₹453.60. What is its marked price (in ₹)?

- Ans ☒ 1. 690  
☒ 2. 490  
☒ 3. 520  
☒ 4. 560

Question ID : 26433038621  
 Status : Answered  
 Chosen Option : 4

Q.19 Kumar's salary is ₹ 30,000 per month. He spends 25% of this on food and rent and 20% of the remaining on education. But he pays 5% of his total salary on paying the income tax and saves ₹ 8,000 after all these three deductions. What is the amount (in ₹.) available with him after his savings?

- Ans ☒ 1. 8500  
☒ 2. 7500  
☒ 3. 7250  
☒ 4. 8550

Question ID : 26433044207  
 Status : Answered  
 Chosen Option : 1

Q.20 If  $x^3 + y^3 = 416$  and  $x + y = 8$ , then find  $x^4 + y^4$ .

- Ans ☒ 1. 3002  
☒ 2. 3204  
☒ 3. 3004  
☒ 4. 3104

Question ID : 26433041356  
 Status : Answered  
 Chosen Option : 4

Q.21 Simplify the following expression.

$$32^3 - 3(32^2)(12) + 3(32)(12^3) - 12^3$$

- Ans ☒ 1. 8000  
☒ 2. 4000  
☒ 3. 16000  
☒ 4. 800

Question ID : 26433041403  
 Status : Answered  
 Chosen Option : 1

Q.22 A ship sails out to a mark at the speed of 15 km/h and sails back to the starting point at the speed of 10 km/h. The average speed of sailing of the ship is:

Ans ☒ 1. 12 km/h

☐ 2. 15 km/h

☐ 3. 13 km/h

☐ 4. 14 km/h

Question ID : 26433042380

Status : Answered

Chosen Option : 1

Q.23 A woman spends 25% of her income. If her expenditure is ₹1,250, then find her income.

Ans ☐ 1. ₹2,500

☒ 2. ₹5,000

☐ 3. ₹1,250

☐ 4. ₹1,000

Question ID : 26433041367

Status : Answered

Chosen Option : 2

Q.24 Three cities, A, B, and C are located such that they form the vertices of an equilateral triangle if joined by straight lines. Rashid travels from A to B at the speed of 40 km/h, from B to C at the speed of 60 km/h and from C to A at the speed of 72 km/h. Find the average speed of Rashid for the entire journey.

Ans ☒ 1. 54 km/h

☐ 2.  $56\frac{2}{3}$  km/h

☐ 3. 55 km/h

☐ 4.  $57\frac{1}{3}$  km/h

Question ID : 26433044356

Status : Answered

Chosen Option : 1

Q.25 The perimeter of an equilateral triangle is 75 cm. Find its area.

Ans ☐ 1.  $\frac{625\sqrt{2}}{4}$  cm<sup>2</sup>

☒ 2.  $\frac{625\sqrt{3}}{4}$  cm<sup>2</sup>

☐ 3.  $\frac{625\sqrt{3}}{3}$  cm<sup>2</sup>

☐ 4.  $\frac{125\sqrt{3}}{4}$  cm<sup>2</sup>

Question ID : 26433042488

Status : Answered

Chosen Option : 2

Q.1 Which of the following terms is NOT related with cricket?

- Ans ☒ 1. Googly  
☒ 2. Full toss  
☒ 3. Short pitch  
☒ 4. Striking circle

Question ID : 26433044511  
 Status : Answered  
 Chosen Option : 4

Q.2 Saw dust is used to adulterate:

- Ans ☒ 1. vinegar  
☒ 2. cheese  
☒ 3. coriander powder  
☒ 4. milk

Question ID : 26433041814  
 Status : Answered  
 Chosen Option : 4

Q.3 Rajkumar Singhajit Singh was awarded the Padma Shri in 1986 for his contribution to which of the following dance forms?

- Ans ☒ 1. Kathakali  
☒ 2. Kathak  
☒ 3. Mohiniyattam  
☒ 4. Manipuri

Question ID : 26433042275  
 Status : Answered  
 Chosen Option : 4

Q.4 In 1978, the \_\_\_\_\_ to the Constitution removed the right to property from the list of Fundamental Rights.

- Ans ☒ 1. 42<sup>nd</sup> Amendment  
☒ 2. 44<sup>th</sup> Amendment  
☒ 3. 46<sup>th</sup> Amendment  
☒ 4. 43<sup>rd</sup> Amendment

Question ID : 26433042100  
 Status : Answered  
 Chosen Option : 1

Q.5 Who among the following Tennis players won the Laureus World Sportsman of the Year Award 2021?

- Ans ☒ 1. Mohamed Salah  
☒ 2. Rafael Nadal  
☒ 3. Billie Jean King  
☒ 4. Max Parrot

Question ID : 26433038923  
 Status : Answered  
 Chosen Option : 2

Q.6 How many players can remain outside the circle in the first six overs of a T20 cricket match?

- Ans ☒ 1. 4  
☒ 2. 1  
☒ 3. 2  
☒ 4. 5

Question ID : 26433044530  
 Status : Answered  
 Chosen Option : 3

Q.7 Which of the following are the most primitive non-vascular plants?

- Ans ☒ 1. Bryophytes  
☒ 2. Pteridophytes  
☒ 3. Angiosperms  
☒ 4. Gymnosperms

Question ID : 26433041794  
 Status : Answered  
 Chosen Option : 1

Q.8 Which functional group compound is obtained by the reaction of an oxoacid with a hydroxyl compound, such as alcohol or phenol?

- Ans ☒ 1. Carbonyls  
☒ 2. Esters  
☒ 3. Amines  
☒ 4. Carboxylic acids

Question ID : 26433044705  
 Status : Answered  
 Chosen Option : 2

Q.9 Mallikarjun Mansur, an Indian classical singer from Karnataka and an excellent vocalist in Khayal style, belonged to which of the following Gharanas of music?

- Ans ☒ 1. Darbhanga Gharana  
☒ 2. Gwalior Gharana  
☒ 3. Patiala Gharana  
☒ 4. Jaipur-Atrauli Gharana

Question ID : 26433042328  
 Status : Answered  
 Chosen Option : 4

Q.10 The Government of India, in February 2022, approved ₹26,275 crores for an umbrella scheme for the modernisation of the police force in India for the next how many years?

- Ans ☒ 1. 4  
☒ 2. 3  
☒ 3. 5  
☒ 4. 2

Question ID : 26433041818  
 Status : Answered  
 Chosen Option : 1

**Q.11 Who among the following personalities has been conferred the prestigious Padma Shri Award for his contribution to Folk Dance form Panthi?**

- Ans ☒ 1. Vinayak Vishnu Khedekar  
☒ 2. Gopal Prasad Dubey  
☒ 3. Dr. Radhe Shyam Barle  
☒ 4. Ghanakanta Bora Borbayan

Question ID : **26433042171**  
 Status : **Answered**  
 Chosen Option : **3**

**Q.12 V Satyanarayana Sarma is recognised as a \_\_\_\_\_ classical dancer.**

- Ans ☒ 1. Kuchipudi  
☒ 2. Odissi  
☒ 3. Manipuri  
☒ 4. Sattriya

Question ID : **26433038810**  
 Status : **Answered**  
 Chosen Option : **1**

**Q.13 Which of the following pairs is NOT correctly matched?**

- Ans ☒ 1. Pandit Birju Maharaj – Kathak  
☒ 2. Kelucharan Mohapatra – Odissi  
☒ 3. Guru Bipin Singh – Kuchipudi  
☒ 4. Uday Shankar – Fusion

Question ID : **26433039592**  
 Status : **Answered**  
 Chosen Option : **3**

**Q.14 Which of the following is NOT a part of the process of the manufacture of steel in India?**

- Ans ☒ 1. Ginning  
☒ 2. Blast furnace  
☒ 3. Pig iron  
☒ 4. Shaping metal

Question ID : **26433042359**  
 Status : **Answered**  
 Chosen Option : **1**

**Q.15 Which sportsperson's autobiography is titled 'Mind Master: Winning Lessons From A Champion's Life'?**

- Ans ☒ 1. Leander Paes  
☒ 2. Baichung Bhutia  
☒ 3. Rahul Dravid  
☒ 4. Viswanathan Anand

Question ID : **26433044543**  
 Status : **Answered**  
 Chosen Option : **4**

Q.16 What layer of Earth's mantle lies beneath the lithosphere that has enough pressure and heat to allow rocks to flow like a liquid with a viscous, caramel-like consistency?

Ans ☒ 1. Asthenosphere

☒ 2. Mesosphere

☒ 3. Troposphere

☒ 4. Exosphere

Question ID : 26433044792

Status : Answered

Chosen Option : 1

Q.17 Pandit Birju Maharaj was honoured with the Padma Vibhushan in \_\_\_\_\_.

Ans ☒ 1. 1986

☒ 2. 1990

☒ 3. 1992

☒ 4. 1984

Question ID : 26433044607

Status : Answered

Chosen Option : 1

Q.18 What do you call a base that dissolves in water?

Ans ☒ 1. Alkali

☒ 2. Alkene

☒ 3. Aldehyde

☒ 4. Alcohol

Question ID : 26433039458

Status : Answered

Chosen Option : 1

Q.19 Which of the following novels is set in the background of life in New Delhi after the declaration of Emergency in the 1970's?

Ans ☒ 1. Such a Long Journey

☒ 2. The Heart Has its Reasons

☒ 3. Rich Like Us

☒ 4. The House of Blue Mangoes

@Qmaths

Question ID : 26433039014

Status : Answered

Chosen Option : 3

Q.20 Which part of the ocean layer is the flattest and smoothest in the world?

Ans ☒ 1. Trenches

☒ 2. Continental slope

☒ 3. Deep sea plains

☒ 4. Continental shelf

Question ID : 26433039478

Status : Answered

Chosen Option : 2



Q.21 Which of the following classical music instruments is performed by Pandit Shiv Kumar Sharma?

- Ans ☒ 1. Violin  
☒ 2. Santoor  
☒ 3. Kanjira  
☒ 4. Veena

Question ID : 26433041921  
 Status : Answered  
 Chosen Option : 2

Q.22 Which of the following is a function of money?  
 (A)Used as a store of value  
 (B)Used as a measure of value  
 (C)Used as a medium of exchange

- Ans ☒ 1. A, B and C  
☒ 2. B and C  
☒ 3. Only C  
☒ 4. A and B

Question ID : 26433042137  
 Status : Answered  
 Chosen Option : 1

Q.23 Who among the following has written the novel 'The Blue Umbrella'?

- Ans ☒ 1. Vikram Seth  
☒ 2. Aravind Adiga  
☒ 3. Ruskin Bond  
☒ 4. Devdutt Pattanaik

Question ID : 26433041916  
 Status : Answered  
 Chosen Option : 1

Q.24 Pandit Pannalal Ghosh also known as Amal Jyoti Ghosh, was a \_\_\_\_\_ player and composer.

- Ans ☒ 1. sitar  
☒ 2. sarod  
☒ 3. tabla  
☒ 4. bansuri

Question ID : 26433044563  
 Status : Answered  
 Chosen Option : 4

Q.25 Which team won the men's bronze medal in Asian Table Tennis Championship 2021 in Doha?

- Ans ☒ 1. China  
☒ 2. Sri Lanka  
☒ 3. Bangladesh  
☒ 4. India

Question ID : 26433041866  
 Status : Answered  
 Chosen Option : 4