Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	**Join Telegram for** GK,**Static** GK
Candidate Name	**Join Telegram for** GK,**Static** GK
Venue Name	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.
Satiate

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**

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 <u>does not helping to getting angry</u> 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 <u>are going out</u>, 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

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

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

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'?
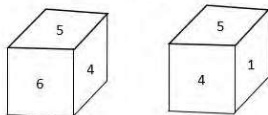
Ans ✗ 1. 6

✗ 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**
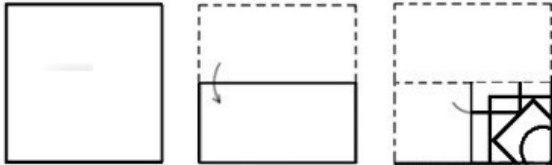Status : **Answered**
Chosen Option : **3**

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

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

Ans

  ✗ 1.

  ✗ 2.

  ✗ 3.

  ✓ 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

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.

M

a j k 2 7 5

N

Ans ✗ 1.

✓ 2.

✗ 3.

✗ 4.

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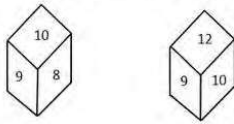
9876 : 26 :: 8671 : 18 :: 3427 : ?

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?
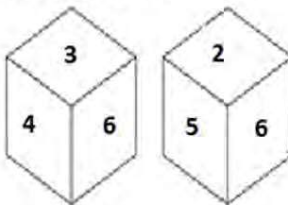
Ans ✗ 1. 19201158

✗ 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**

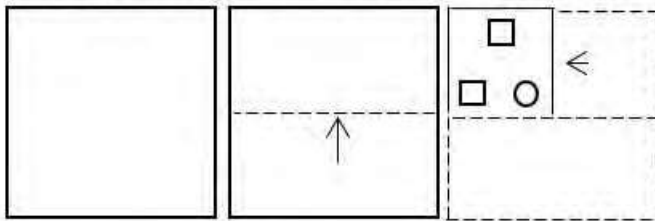Status : **Answered**

Chosen Option : **2**

Q.20 Which of the following numbers will replace the question mark (?) in the given series?
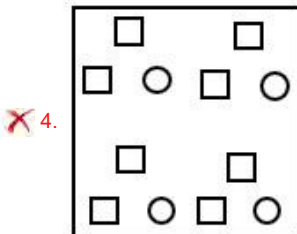
600,1500, 3750, 9375, ?

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.
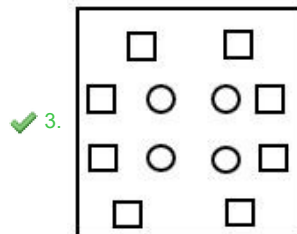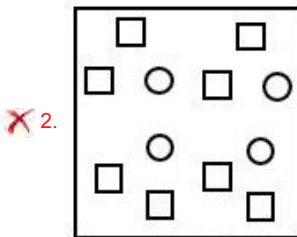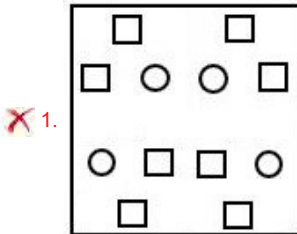
Q.22 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs EXCEPT one. Find that odd number pair.

Ans

1. 48 - 62

2. 32 - 40

3. 64 - 80

4. 56 - 70

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. ×, −, ÷, +, =

     ✗ 2. +, ×, ÷, −, =

     ✗ 3. ×, ÷, −, +, =

     ✔ 4. +, ÷, −, ×, =

<table>
<tr><td>Question ID : 26433040862</td></tr>
<tr><td>Status : Answered</td></tr>
<tr><td>Chosen Option : 4</td></tr>
</table>

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

<table>
<tr><td>Question ID : 26433044968</td></tr>
<tr><td>Status : Answered</td></tr>
<tr><td>Chosen Option : 2</td></tr>
</table>

**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

<table>
<tr><td>Question ID : 26433043266</td></tr>
<tr><td>Status : Answered</td></tr>
<tr><td>Chosen Option : 2</td></tr>
</table>

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

<table>
<tr><td>Question ID : 26433039376</td></tr>
<tr><td>Status : Answered</td></tr>
<tr><td>Chosen Option : 1</td></tr>
</table>

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 $\operatorname{cosec}(\theta + 30°)$ is _____ . [θ is an acute angle.]

Ans ✗ 1. $-\dfrac{2}{\sqrt{3}}$

✔ 2. $\dfrac{2}{\sqrt{3}}$

✗ 3. $\dfrac{1}{\sqrt{3}}$

✗ 4. $-\dfrac{1}{\sqrt{3}}$

Question ID : **26433042653**
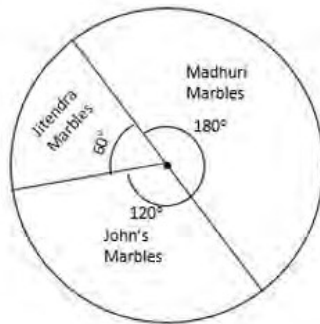Status : **Answered**
Chosen Option : **2**

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. $p = -\dfrac{3}{4}$ and $q = 4$

✗ 2. $p = \dfrac{3}{4}$ and $q = 4$

✗ 3. $p = \dfrac{3}{4}$ and $q = -4$

✔ 4. $p = -\dfrac{3}{4}$ 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

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

Q.7 The surface area of a cube is 726 cm^2. Find the volume of the cube

Ans ✘ 1. 2744 cm^3

✘ 2. 1729 cm^3

✔ 3. 1331 cm^3

✘ 4. 2197 cm^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

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

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. $\sqrt{227}\,m$

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

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

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^2

✓ 2. $\frac{625\sqrt{3}}{4}$ cm^2

✗ 3. $\frac{625\sqrt{3}}{3}$ cm^2

✗ 4. $\frac{125\sqrt{3}}{4}$ cm^2

Question ID : 26433042488

Status : **Answered**

Chosen Option : **2**

Section : **General Awareness**

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. 42nd Amendment

✓ 2. 44th Amendment

✗ 3. 46th Amendment

✗ 4. 43rd 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?

@Qmaths

Ans ✖ 1. Such a Long Journey

✖ 2. The Heart Has its Reasons

✔ 3. Rich Like Us

✖ 4. The House of Blue Mangoes

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**