Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Chandigarh
Exam Date	02/06/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL 2021 Tier I

Section : **English Language**

Q.1 Select the most appropriate meaning of the given idiom.
White elephant

Ans ✘ 1. Useful and expensive possession

✘ 2. Memorable possession

✔ 3. Costly but useless possession

✘ 4. Motivational possession

Question ID : **26433043073**
Status : **Answered**
Chosen Option : **3**

Q.2 Select the option that can be used as a one-word substitute for the given group of words.
One thing that can be divided

Ans ✘ 1. Remainder

✘ 2. Quotient

✘ 3. Dividend

✔ 4. Divisible

Question ID : **26433042955**
Status : **Answered**
Chosen Option : **4**

Q.3 Select the most appropriate synonym of the given word.

Banter

Ans ✔ 1. Repartee

✘ 2. Rebuke

✘ 3. Reliance

✘ 4. Commendation

Question ID : **26433040014**
Status : **Not Answered**
Chosen Option : **--**

Q.4 Parts of the given sentence have been underlined and given as options. One of them contains an error. Select the option that correctly rectifies the error.
It is possible <u>to prevent oneself</u> <u>with respiratory diseases</u> <u>by maintaining</u> <u>a disciplined lifestyle.</u>

Ans ✘ 1. of prevent oneself

✘ 2. to a disciplined lifestyle

✘ 3. on maintaining

✔ 4. from respiratory diseases

Question ID : **26433040036**
Status : **Answered**
Chosen Option : **4**

Q.5 Select the most appropriate meaning of the given idiom.
To put someone's back up

Ans ✘ 1. To flatter someone

✔ 2. To irritate someone

✘ 3. To help someone

✘ 4. To deceive someone

Question ID : **26433039993**
Status : **Answered**
Chosen Option : **4**

Q.6 Select the INCORRECTLY spelt word.

Ans ✘ 1. Movement

✘ 2. Career

✘ 3. Carrier

✔ 4. Freadom

Question ID : **26433039795**
Status : **Answered**
Chosen Option : **4**

Q.7 Select the most appropriate spelling that can substitute the underlined word in the given sentence.

He had to prepare for his <u>competation</u>

Ans ✘ 1. competetion

✘ 2. compitition

✘ 3. competion

✔ 4. competition

Question ID : **26433042782**
Status : **Answered**
Chosen Option : **4**

Q.8 Select the option that expresses the given sentence in active voice.
The door was opened by the children for their father.

Ans ✘ 1. The children was opened the door for their father.

✘ 2. The children are opens the door for their father.

✔ 3. The children opened the door for their father.

✘ 4. The children opens the door for their father.

Question ID : **26433039719**
Status : **Answered**
Chosen Option : **3**

Q.9 Select the most appropriate option to fill in the blank.
Though he is stout, he runs _____.

Ans ✖ 1. faster

✖ 2. fastest

✔ 3. fast

✖ 4. fastly

Question ID : **26433039938**
Status : **Answered**
Chosen Option : **3**

Q.10 Select the most appropriate meaning of the highlighted idiom
The actress' daughter is just a chip off the old block

Ans ✖ 1. console the dreary

✔ 2. Similar to one's parents in behaviour

✖ 3. get into the enemy's territory

✖ 4. chip off the edges

Question ID : **26433045499**
Status : **Answered**
Chosen Option : **2**

Q.11 Select the INCORRECTLY spelt word.

Ans ✖ 1. Summary

✖ 2. Emigrate

✔ 3. Rivelry

✖ 4. Grandeur

Question ID : **26433039870**
Status : **Answered**
Chosen Option : **3**

Q.12 Select the most appropriate synonym of the given word.
Austere

Ans ✖ 1. Promising

✔ 2. Stern

✖ 3. Brisk

✖ 4. Mitigating

Question ID : **26433039979**
Status : **Answered**
Chosen Option : **2**

Q.13 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 Minister announced that the bridge would constructed within a week.

Ans ✖ 1. No error

✔ 2. that the bridge would constructed

✖ 3. The Minister announced

✖ 4. within a week

Question ID : **26433043095**
Status : **Answered**
Chosen Option : **2**

Q.14 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. Two astronomers – Johannes Kepler from Germany and Galileo from Italy – supported the Copernican theory after nearly a century passed by.
B. Copernicus' view was that the sun was stationary and the earth and the planets moved in orbits around the sun.
C. Nicholas Copernicus, a Polish priest, proposed a model in 1514.
D. There are many popular theories about the solar system. Ancient People believed that the sun moved around the earth and the earth was static.

Ans ✗ 1. BCAD

✗ 2. ABCD

✓ 3. DCBA

✗ 4. DACB

Question ID : **26433039810**
Status : **Answered**
Chosen Option : **4**

Q.15 Select the most appropriate option that can substitute the underlined segment in the given sentence.
They _had eaten_ an apple every day for breakfast.

Ans ✗ 1. eaten

✓ 2. eat

✗ 3. has eaten

✗ 4. eating

Question ID : **26433039682**
Status : **Answered**
Chosen Option : **2**

Q.16 Select the most appropriate ANTONYM of the given word.

Famous

Ans ✗ 1. Quiet

✗ 2. Concert

✓ 3. Obscure

✗ 4. Affluent

Question ID : **26433042920**
Status : **Answered**
Chosen Option : **3**

Q.17 Select the most appropriate option to fill in the blank.
Other countries of comparable size and exposure to Information and Communication Technologies (ICT) have adopted a decentralised organizational structure, liberal policies, and a _____ dispute resolution mechanism, deployed state-of-the-art infrastructure and used the private- public partnership to market Domain Name Registration Services (DNS), resulting in phenomenal growth of their country code domain name.

Ans ✗ 1. short

✗ 2. narrow

✗ 3. restricted

✓ 4. comprehensive

Question ID : **26433040130**
Status : **Answered**
Chosen Option : **4**

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

Ans ✓ 1. Aries is the first sign of the zodiac.

✗ 2. Many cities are named after zodaic signs.

✗ 3. Water bearer is the symbol for zodiak Aquarius.

✗ 4. The zodyac signs are split in twelve months.

Question ID : **26433043114**
Status : **Answered**
Chosen Option : **1**

Q.19 Select the option that can be used as a one-word substitute for the given group of words.
Unselfish interest in the welfare of others

Ans ✗ 1. Celibacy

✗ 2. Misanthropy

✗ 3. Egoism

✓ 4. Altruism

Question ID : **26433039906**
Status : **Answered**
Chosen Option : **4**

Q.20 Select the option that expresses the given sentence in passive voice.
I am going to ask all employees about the incident that took place in the canteen yesterday.

Ans ✗ 1. All the employees are gone to be asked about the incident that took place in the canteen yesterday.

✓ 2. All the employees are going to be asked about the incident that took place in the canteen yesterday.

✗ 3. All the employees are asked by me about the incident that took place in the canteen yesterday.

✗ 4. All the employees will go to be questioned by me about the incident that took place in the canteen yesterday.

Question ID : **26433042967**
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.
Salander sat for a while (1) _____ the telephone after Armansky hung up. She went to her work corner in the living room (2) _____ looked at the notes she had pinned up on the wall and the papers she had (3)_____ on the desk. What she had managed to collect was mostly press cuttings and articles (4)_____ from the Internet. She took the papers and dropped (5) _____ in a desk drawer.

SubQuestion No : 21

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

Ans ✗ 1. to be holding

✗ 2. holds

✓ 3. holding

✗ 4. hold

Question ID : **26433045869**
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.

Salander sat for a while (1) _____ the telephone after Armansky hung up. She went to her work corner in the living room (2) _____ looked at the notes she had pinned up on the wall and the papers she had (3)_____ on the desk. What she had managed to collect was mostly press cuttings and articles (4)_____ from the Internet. She took the papers and dropped (5) _____ in a desk drawer.

SubQuestion No : 22

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

Ans ✔ 1. and

✗ 2. so

✗ 3. but

✗ 4. although

Question ID : **26433045870**
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.

Salander sat for a while (1) _____ the telephone after Armansky hung up. She went to her work corner in the living room (2) _____ looked at the notes she had pinned up on the wall and the papers she had (3)_____ on the desk. What she had managed to collect was mostly press cuttings and articles (4)_____ from the Internet. She took the papers and dropped (5) _____ in a desk drawer.

SubQuestion No : 23

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

Ans ✗ 1. tacked

✗ 2. slacked

✗ 3. mounded

✔ 4. stacked

Question ID : **26433045871**
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.

Salander sat for a while (1) _____ the telephone after Armansky hung up. She went to her work corner in the living room (2) _____ looked at the notes she had pinned up on the wall and the papers she had (3)_____ on the desk. What she had managed to collect was mostly press cuttings and articles (4)_____ from the Internet. She took the papers and dropped (5) _____ in a desk drawer.

SubQuestion No : 24

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

Ans ✗ 1. cropped

✗ 2. uploaded

✗ 3. cut

✔ 4. downloaded

Question ID : **26433045872**
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.

Salander sat for a while (1) _____ the telephone after Armansky hung up. She went to her work corner in the living room (2) _____ looked at the notes she had pinned up on the wall and the papers she had (3)_____ on the desk. What she had managed to collect was mostly press cuttings and articles (4)_____ from the Internet. She took the papers and dropped (5) _____ in a desk drawer.

SubQuestion No : 25

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

Ans   ✘ 1. it

     ✔ 2. them

     ✘ 3. they

     ✘ 4. that

Question ID : **26433045873**
Status : **Answered**
Chosen Option : **2**

Section : **General Intelligence**

Q.1 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

Ans   ✘ 1.

     ✔ 2.

     ✘ 3.

     ✘ 4.

Question ID : **26433040390**
Status : **Answered**
Chosen Option : **2**

Q.2 In a certain code language, 'CONCEPT' is written as '3o14c5p20' and 'PROBLEM' is written as '16r15b12e13'. How will 'SOLVE' be written in that language?

Ans   ✘ 1. Po12v5

     ✔ 2. 19o12v5

     ✘ 3. 18o12v5

     ✘ 4. 19o1345

Question ID : **26433043415**
Status : **Answered**
Chosen Option : **2**

Q.3 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1.Necessary
2.Networks
3.Negotiate
4.Needlework
5.Neigh

Ans ✗ 1. 4,1,3,5,2

✓ 2. 1,4,3,5,2

✗ 3. 3,4,1,5,2

✗ 4. 3,1,5,4,2

Question ID : **26433040378**
Status : **Answered**
Chosen Option : **2**

Q.4 Two different positions of the same dice are shown, the six faces of which are coloured Red, Green, Blue, Yellow, Black, White. Select the colour that will be on the face opposite to the one coloured Yellow.
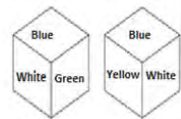
Ans ✓ 1. Green

✗ 2. Black

✗ 3. Red

✗ 4. White

Question ID : **26433040187**
Status : **Answered**
Chosen Option : **1**

Q.5 Which of the following numbers will replace the question mark (?) in the given series?
7, 7, 9, 27, 31, 155,?

Ans ✗ 1. 166

✗ 2. 183

✓ 3. 161

✗ 4. 181

Question ID : **26433045194**
Status : **Answered**
Chosen Option : **3**

Q.6 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.

9 : 135 :: 6 : 54 : :7 : ?

Ans ✗ 1. 84

✗ 2. 74

✓ 3. 77

✗ 4. 85

Question ID : **26433043295**
Status : **Answered**
Chosen Option : **3**

Q.7 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

H _ H _ _ S r _ a H _ _ S r H _ _ S a S r

Ans ✔ 1. a S a H S a a H

✘ 2. a S a S S a a H

✘ 3. S S a H S a a H

✘ 4. a S a a a a a H

Question ID : **26433043393**
Status : **Answered**
Chosen Option : **1**

Q.8 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

PEARL : LRAEP :: ULTRA : ARTLU :: VIRAL : ?

Ans ✘ 1. LIRAV

✘ 2. AIRLV

✔ 3. LARIV

✘ 4. ALRIV

Question ID : **26433040272**
Status : **Answered**
Chosen Option : **3**

Q.9 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.
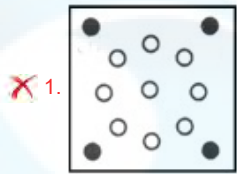
12:208 :: 9:108 ::15:?

Ans ✔ 1. 350

✘ 2. 360

✘ 3. 325

✘ 4. 365

Question ID : **26433043566**
Status : **Answered**
Chosen Option : **3**

Q.10 Select the figure that will replace the question mark (?) in the following figure series.

Ans

✗ 1.

✗ 2.

✗ 3.
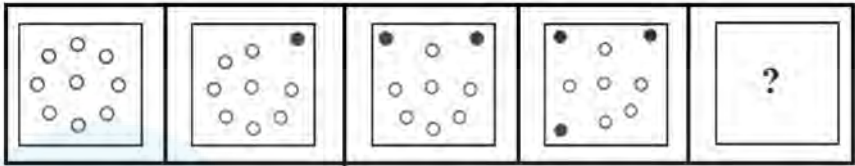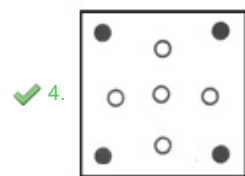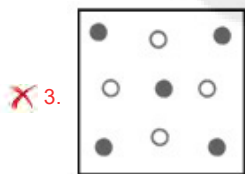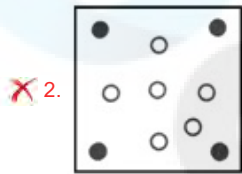
✔ 4.

Q.11 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.

207 : 30 : :108 : 19 : : 63 : ?

Ans ✗ 1. 18

✗ 2. 20

✔ 3. 14

✗ 4. 11

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

Ans
✗ 1. 25 : 125

✗ 2. 49 : 343

✓ 3. 81 : 730

✗ 4. 36 : 216

Question ID : **26433039319**
Status : **Answered**
Chosen Option : **3**

Q.13 In a certain code language, 'CURD' is written as '342184' and 'BREAD' is written as '2181024'. How will 'BUTTER' be written in that language?

Ans
✗ 1. 442201018

✗ 2. 421201018

✓ 3. 24220201018

✗ 4. 2212020518

Question ID : **26433040647**
Status : **Answered**
Chosen Option : **3**

Q.14 Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term
16 : 36 :: ? : 50 :: 9 : 22

Ans
✗ 1. 31

✓ 2. 23

✗ 3. 34

✗ 4. 22

Question ID : **26433046010**
Status : **Answered**
Chosen Option : **2**

Q.15 Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.

M

g k 4 9 z 3

N

Ans
✗ 1. 3 z 9 4 k g

✓ 2. ᴇ z 9 4 k g

✗ 3. ᴇ z 9 4 k g

✗ 4. ᴇ z 6 4 k g

Question ID : **26433040830**
Status : **Answered**
Chosen Option : **2**

Q.16 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

21 : 54 :: 24 : ? :: 29 : 78

Ans   ✘ 1. 56

      ✔ 2. 63

      ✘ 3. 30

      ✘ 4. 49

Q.17 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1. Facsimile
2. Frightful
3. Favourable
4. Fructification
5. Fanatical

Ans   ✘ 1. 1,4,2,5,3

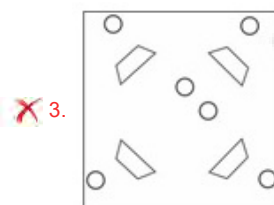   ✘ 2. 1,3,4,2,5

      ✔ 3. 1,5,3,2,4

      ✘ 4. 1,3,4,5,2

Q.18 A paper is folded and cut as shown. How will it appear when unfolded?

Ans

✗ 1.

✗ 2.

✗ 3.
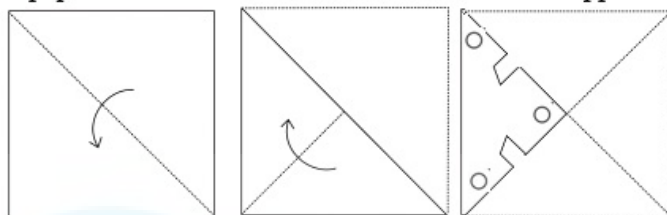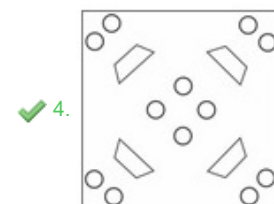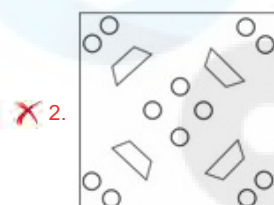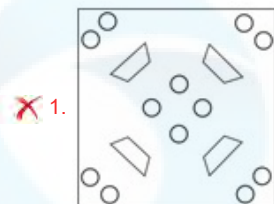
✔ 4.

Q.19 Two different positions of the same dice are shown, the six faces of which are numbered from 11 to 16. Select the number that will be on the face opposite to the one showing '12'.
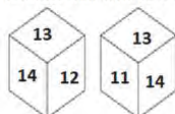
Ans ✗ 1. 16

✗ 2. 15

✗ 3. 13

✔ 4. 11

Q.20 Select the Venn diagram that best represents the relationship between the following classes.
Brothers, Fathers, Mothers

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Q.21 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
50 * 24 * 2 * 5 * 3

Ans ✘ 1. +, =, ×, ×

✘ 2. =, +, +, +

✘ 3. −, =, +, ×

✔ 4. =, ×, +, −

Q.22 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(37, 28, 333)
(41, 39, 82)
(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. (18, 13, 90)

✘ 2. (17, 14, 67)

✘ 3. (16, 12, 54)

✘ 4. (19, 15, 44)

Q.23 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. 50 : 150

✔ 2. 30 : 80

✘ 3. 40 : 120

✘ 4. 20 : 60

Q.24 In a certain code language, "QUOTE" is written as "RWRXJ", and "UNION" is written as "VPLSS". How will "YOUNG" be written in that language?

Ans ✔ 1. ZQXRL

✘ 2. ZQWRL

✘ 3. ZPXRL

✘ 4. ZQXQL

Question ID : **26433043512**
Status : **Answered**
Chosen Option : **1**

Q.25 Which letter cluster will replace the question mark (?) to complete the given series?
UQMI, VOPE, WMSA, ?, YIYS

Ans ✘ 1. XKWV

✘ 2. KXWV

✔ 3. XKVW

✘ 4. XVWK

Question ID : **26433040633**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 In a circular race of 2500 m, a man and a woman start from a point towards opposite directions with speeds of 37 km/h and 35 km/h, respectively. After how much time from the start of the race will they meet for the first time?

Ans ✘ 1. 2 min 40 sec

✘ 2. 2 min 30 sec

✔ 3. 2 min 5 sec

✘ 4. 2 min 20 sec

Question ID : **26433044118**
Status : **Answered**
Chosen Option : **3**

Q.2 What will be the area of a triangle whose sides are 13 cm, 5 cm and 12 cm?

Ans ✘ 1. 50 cm^2

✘ 2. 40 cm^2

✘ 3. 35 cm^2

✔ 4. 30 cm^2

Question ID : **26433044124**
Status : **Answered**
Chosen Option : **4**

Q.3 The table below shows the number of cakes sold by six different bakeries in a town on five different days of particular week.

Days / Bakery	Monday	Tuesday	Thursday	Saturday	Sunday
A	222	255	215	250	266
B	205	275	314	295	260
C	245	266	305	195	235
D	221	230	185	300	280
E	312	325	298	272	254
F	175	205	255	240	308

If out of the total number of cakes sold by bakery C on Monday, 40% are Vanilla cakes and rest are strawberry cakes, then what is the number of strawberry cakes sold by Bakery C on Monday?

Ans ✗ 1. 98

✔ 2. 147

✗ 3. 145

✗ 4. 150

Q.4 Find the fourth proportional to 7, 13 and 21.

Ans ✗ 1. 14

✗ 2. 26

✔ 3. 39

✗ 4. 21

Q.5 The volume of a cube is 5832 cm^3. Find its total surface area.

Ans ✗ 1. $1672 \, cm^2$

✔ 2. $1944 \, cm^2$

✗ 3. $1536 \, cm^2$

✗ 4. $1824 \, cm^2$

Q.6 $3 \sin A - 4 \sin^3 A = ?$

Ans ✗ 1. cot3A

✔ 2. sin3A

✗ 3. cos3A

✗ 4. tan3A

Q.7 Find the ratio in which a grocer should mix two varieties of pulses costing ₹75 and ₹90 per kg, respectively, so as to get a mixture costing ₹80 per kg.

Ans ✗ 1. 2 : 3

✗ 2. 3 : 2

✗ 3. 1 : 2

✓ 4. 2 : 1

Q.8 The expenses of a family on wheat, vegetables and oil are in the ratio 12 : 8 : 5. The prices of these items increased by 50%, 25% and 40%, respectively. The total expenses of the family on these items increased by:

Ans ✓ 1. 40%

✗ 2. 38%

✗ 3. 44%

✗ 4. 42%

Q.9 The table below gives the age-wise distribution of number of people who responded to a survey about their favourite style of dance. As per information given in the table, what approximate percentage of the respondents till the age of 30 years indicated that Dandiya is their favourite style of dance? (Give your answer upto two decimal places)

Age	Less than 20 years	From 21 years to 30 years	More than 30 year
Bharatanatyam	6	4	17
Dandiya	7	8	10
Kuchipudi	9	3	4
Kathakali	2	2	2
Bhangra	8	8	5
Bihu	4	9	2
Total	36	34	40

Ans ✗ 1. 23.34%

✗ 2. 29.79%

✗ 3. 11.44%

✓ 4. 21.43%

Q.10 A shopkeeper gives a 35% discount on the marked price of a bottle. If the selling price of the bottle is ₹ 1,755, then the marked price of the bottle will be:

Ans ✗ 1. ₹2800

✗ 2. ₹2500

✓ 3. ₹2700

✗ 4. ₹3500

Q.11 The average age of a group is increased by 6 years when a person whose age is 24 years was replaced by a person whose age is 66. Find the number of persons in the group.

Ans
  ✗ 1. 8

  ✗ 2. 9

  ✗ 3. 6

  ✓ 4. 7

Q.12 A sells an article to B at 10% profit. B sells it to C at 25% profit. If C pays ₹6,875 for it, then the price at which A bought it is:

Ans
  ✗ 1. ₹4,665

  ✗ 2. ₹4,850

  ✓ 3. ₹5,000

  ✗ 4. ₹5,500

Q.13 The pie chart below shows the percentage shares of the total expenditure on sports made by a country on various sports during 2019 – 2020. Study the pie chart and answer the question that follows.

If the total amount spent on sports during 2019-2020 was ₹260 crores, then how much was spent on hockey?

Ans
  ✗ 1. ₹30 crores

  ✗ 2. ₹42 crores

  ✗ 3. ₹34 crores

  ✓ 4. ₹39 crores

Q.14 What will be the present value of ₹90,774 due 2 years hence, when the interest is compounded at 23% per annum?

Ans
  ✗ 1. ₹65,000

  ✗ 2. ₹62,950

  ✗ 3. ₹60,850

  ✓ 4. ₹60,000

Q.15 Simplify:
178.01− [86.23 − {40.22 + (28 − 24)}]

Ans ❌ 1. 125

❌ 2. 120

❌ 3. 130

✅ 4. 136

Q.16 The value of a residential flat constructed at a cost of ₹10,00,000 is depreciating at a rate of 10% per annum. What will be its value 3 years after the construction

Ans ❌ 1. ₹2,78,000

✅ 2. ₹7,29,000

❌ 3. ₹7,92,000

❌ 4. ₹6,29,000

Q.17 Simplify the following expression.

$$\frac{(777 \times 777 \times 777) + (423 \times 423 \times 423)}{(777 \times 777) - (777 \times 423) + (432 \times 423)} \times \frac{1}{(77 - 47)}$$

Ans ✅ 1. 40

❌ 2. 400

❌ 3. 1200

❌ 4. 30

Q.18 Sonam is a cab driver, who plies within a city. The number of kilometres that she drives on a Tuesday was 12.5% less than the number of kilometres that she drives on the day before.On the other hand, the number of kilometres that she drives on Wednesday was 20% more than the number of kilometres that she drives on Tuesday. If Sonam drives a total of 336 km on Wednesday, how many kilometres did she drive on Monday?

Ans ❌ 1. 315 km

❌ 2. 318 km

✅ 3. 320 km

❌ 4. 324 km

Q.19 In the given figure, chords AB and CD intersect each other at point L. Find CL.
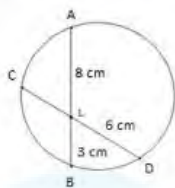
Ans ✗ 1. 6 cm

✔ 2. 4 cm

✗ 3. 7 cm

✗ 4. 5 cm

Q.20 The largest six-digit number exactly divisible by 81 is:

Ans ✗ 1. 999876

✔ 2. 999945

✗ 3. 999989

✗ 4. 999991

Q.21 A beaker is filled with a liquid, 3 parts of which are water and 7 parts some medicine. What part of the mixture should be replaced with water so that that the resultant mixture has water and medicine in a ratio1:1?

Ans

✔ 1. $\dfrac{2}{7}$

✗ 2. $\dfrac{1}{7}$

✗ 3. $\dfrac{2}{5}$

✗ 4. $\dfrac{1}{5}$

Q.22 A is 3 times as fast as B and is, therefore, able to complete a work in 32 days lesser than B. A and B, working together, can complete the work in _____.

Ans ✗ 1. 10 days

✔ 2. 12 days

✗ 3. 16 days

✗ 4. 14 days

Q.23 If $1.5x = 0.04y$, then what will be the value of $\frac{y - x}{y + x}$?

Ans

✗ 1. $\dfrac{77}{73}$

✗ 2. $\dfrac{77}{72}$

✗ 3. $\dfrac{72}{77}$

✓ 4. $\dfrac{73}{77}$

Question ID : **26433044376**
Status : **Answered**
Chosen Option : **4**

Q.24 Find the volume of a cylinder whose diameter of base is 20 cm and height is two times that of the radius of its base.

Ans

✗ 1. 4000 cm^3

✓ 2. $2000\pi \text{ cm}^3$

✗ 3. $6000\pi \text{ cm}^3$

✗ 4. 3000 cm^3

Question ID : **26433042460**
Status : **Answered**
Chosen Option : **2**

Q.25 Simplify the expression $((82 \times 82) - (18 \times 18))^{0.5}$

Ans ✗ 1. 100

✗ 2. 20

✗ 3. 40

✓ 4. 80

Question ID : **26433041408**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

Q.1 Who among the following wrote two books on the history and dance structure of Mohiniyattam?

Ans ✗ 1. Kalamandalam Radhika

✓ 2. Kalamandalam Kalyanikutty Amma

✗ 3. Kalamandalam Hymavathi

✗ 4. Thankamani

Question ID : **26433041987**
Status : **Not Answered**
Chosen Option : **--**

Q.2 In which year will India host the ICC Champions Trophy?

Ans   ✖ 1. 2022

  ✖ 2. 2025

  ✖ 3. 2023

  ✔ 4. 2029

Question ID : **26433044499**
Status : **Answered**
Chosen Option : **1**

Q.3 Malka Jaan of Agra Gharana was the court musician at the durbar of which of the following Nawabs of Calcutta?

Ans   ✖ 1. Shuza-ud-Daula

  ✔ 2. Wajid Ali Shah

  ✖ 3. Asaf-ud-Daula

  ✖ 4. Mohammad Ali Shah

Question ID : **26433042332**
Status : **Not Answered**
Chosen Option : **--**

Q.4 Who among the following Indian singers has written 'Raag Sarita'?

Ans   ✖ 1. Pandit Kumar Gandharva

  ✖ 2. Balasaheb Poonchwale

  ✔ 3. Chintaman Raghunath Vyas

  ✖ 4. Vishnu Narayan Bhatkhande

Question ID : **26433042245**
Status : **Not Answered**
Chosen Option : **--**

Q.5 The first train inaugurated in 1853 was between which two stations?

Ans   ✖ 1. Delhi and Chandigarh

  ✔ 2. Mumbai and Thane

  ✖ 3. Mumbai and Surat

  ✖ 4. Bangalore and Mysore

Question ID : **26433039653**
Status : **Answered**
Chosen Option : **2**

Q.6 Ustad Bade Ghulam Ali Khan was renowned a_____.

Ans   ✖ 1. sarod player

  ✖ 2. harmonium player

  ✖ 3. tabla player

  ✔ 4. classical singer

Question ID : **26433038768**
Status : **Not Answered**
Chosen Option : **--**

Q.7 The title of the autobiography of actor Dilip Kumar is _____.

Ans ✔ 1. The Substance And The Shadow: An Autobiography

✘ 2. Romancing With Life: An Autobiography

✘ 3. Actually … I Met Them

✘ 4. An Unfinished Story

Question ID : **26433038746**
Status : **Answered**
Chosen Option : **2**

Q.8 Who won the Saraswati Samman for the year 2020?

Ans ✘ 1. Padma Sachdev

✔ 2. Sharankumar Limbale

✘ 3. Amitabha Bagchi

✘ 4. Leeladhar Jagudi

Question ID : **26433039017**
Status : **Answered**
Chosen Option : **2**

Q.9 Indian men's hockey team won its first Olympic gold medal in which year?

Ans ✔ 1. 1928

✘ 2. 1922

✘ 3. 1956

✘ 4. 1920

Question ID : **26433044451**
Status : **Answered**
Chosen Option : **3**

Q.10 What is the domestic income if national income is ₹10,000 crore and net factor income from abroad is ₹2,000 crore?

Ans ✘ 1. ₹5,000 crore

✘ 2. ₹12,000 crore

✘ 3. ₹10,000 crore

✔ 4. ₹8,000 crore

Question ID : **26433042147**
Status : **Answered**
Chosen Option : **4**

Q.11 The bodies of the animals of phylum Platyhelminthes show _____ grade organisation.

Ans ✔ 1. tissue-organ

✘ 2. protoplasmic

✘ 3. cellular

✘ 4. cell-tissue

Question ID : **26433044733**
Status : **Answered**
Chosen Option : **2**

Q.12 Who was famous for inventing the power battery, one of the first devices to provide a reliable source of electricity, in 1800?

Ans ✔ 1. Alessandro Volta

✘ 2. Michael Faraday

✘ 3. Luigi Galvani

✘ 4. Henri Becquerel

Question ID : **26433044693**
Status : **Answered**
Chosen Option : **1**

Q.13 Whose autobiography is titled 'Ace against Odds'?

Ans ✔ 1. Sania Mirza

✘ 2. Mary Kom

✘ 3. Karnam Malleswari

✘ 4. PT Usha

Question ID : **26433044538**
Status : **Answered**
Chosen Option : **1**

Q.14 Which group was given the name 'paraffin' earlier?

Ans ✘ 1. Aldehydes

✔ 2. Alkanes

✘ 3. Alcohols

✘ 4. Acids

Question ID : **26433039400**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Who among the following was the third Vice-President of India?

Ans ✘ 1. BD Jatti

✘ 2. Zakir Hussain

✘ 3. Gopal Swarup Pathak

✔ 4. V VGiri

Question ID : **26433042113**
Status : **Answered**
Chosen Option : **2**

Q.16 Uma Sharma was conferred the Padma Bhushan award for enriching which of the following forms of Classical Dances in India?

Ans ✔ 1. Kathak

✘ 2. Bharatanatyam

✘ 3. Manipuri

✘ 4. Odissi

Question ID : **26433041778**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Mrinalini Sarabhai was awarded the _____ in 1992.

Ans ✗ 1. Padma Vibhushan

✗ 2. Padma Shri

✓ 3. Padma Bhushan

✗ 4. Bharat Ratna

Question ID : **26433038807**
Status : **Answered**
Chosen Option : **2**

Q.18 Vilayat Khan is associated with which musical instrument?

Ans ✗ 1. Tabla

✗ 2. Bansuri

✓ 3. Sitar

✗ 4. Santoor

Question ID : **26433038830**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Who among the following invented and perfected India's classical dance form Sattras?

Ans ✓ 1. Srimanta Sankardev

✗ 2. K Uma Rama Rao

✗ 3. Uday Shankar

✗ 4. Guru Gopinath

Question ID : **26433041975**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Which sea is the north-western part of the Indian Ocean that covers a total area of approximately 14,91,000 square miles and forms a part of the major sea route between Europe and India?

Ans ✓ 1. Arabian Sea

✗ 2. Caspian Sea

✗ 3. Caribbean Sea

✗ 4. Mediterranean Sea

Question ID : **26433044887**
Status : **Answered**
Chosen Option : **4**

Q.21 Who among the following Indians was selected as a member of International Law Commission for a 5 year term starting January 1, 2023 in the month of November 2021?

Ans ✗ 1. Vinod Rai

✗ 2. Bimal Jalan

✗ 3. Suresh Prabhu

✓ 4. Bimal Patel

Question ID : **26433038917**
Status : **Answered**
Chosen Option : **4**

Q.22 Find the odd one out with respect to animals' response to abiotic factors.

Ans ✗ 1. Suspend

✗ 2. Migrate

✗ 3. Conform

✓ 4. Reproduce

Question ID : **26433039444**
Status : **Answered**
Chosen Option : **1**

Q.23 Which is the major microtubule-organising centre (MTOC) in eukaryotic cells involved in various cellular processes, including sensory reception, locomotion, and embryogenesis?

Ans ✗ 1. Lysosomes

✓ 2. Centrosome

✗ 3. Plastids

✗ 4. Vacuoles

Question ID : **26433044759**
Status : **Not Answered**
Chosen Option : **--**

Q.24 The 'Nijaat' (riddance) anti-drug campaign launched by a district police of which state has been acknowledged and appreciated by many Bollywood actors in 2021?

Ans ✗ 1. West Bengal

✓ 2. Chhattisgarh

✗ 3. Punjab

✗ 4. Maharashtra

Question ID : **26433041842**
Status : **Answered**
Chosen Option : **2**

Q.25 Who is the only Indian female sportsperson to win two consecutive Olympic medals?

Ans ✗ 1. Dutee Chand

✓ 2. PV Sindhu

✗ 3. Mary Kom

✗ 4. Mirabai Chanu

Question ID : **26433042027**
Status : **Answered**
Chosen Option : **2**