Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ 2 GT Karnal Road
Exam Date	01/06/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL 2021 Tier I

Section : **English Language**

Q.1 **Select the option that expresses the given sentence in passive voice.**
I laughed at the clown.

Ans ✔ 1. The clown was laughed at by me.

✘ 2. The clown was being laughed by me.

✘ 3. The clown is being laughed at by me.

✘ 4. The clown is laughed by me.

Question ID : **26433039744**
Status : **Answered**
Chosen Option : **1**

Q.2 **Identify the segment in the sentence which contains a grammatical error.**

There was an interesting article in the newspaper about the dangers to an environment.

Ans ✔ 1. to an environment

✘ 2. an interesting article

✘ 3. about the dangers

✘ 4. in the newspaper

Question ID : **26433045443**
Status : **Answered**
Chosen Option : **1**

Q.3 **Select the INCORRECTLY spelt word.**

Ans ✔ 1. Aquaintance

✘ 2. Treacherous

✘ 3. Serendipity

✘ 4. Malicious

Question ID : **26433040087**
Status : **Answered**
Chosen Option : **3**

Q.4 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
We will leave towards 6.00 a.m.

Ans ✔ 1. at

✘ 2. on

✘ 3. for

✘ 4. from

Question ID : **26433039694**
Status : **Answered**
Chosen Option : **1**

Q.5 **Select the most appropriate ANTONYM of the given word.**

Sacred

Ans ✔ 1. Profane

✘ 2. Maniacal

✘ 3. Inquisitive

✘ 4. Rational

Question ID : **26433043186**
Status : **Answered**
Chosen Option : **1**

Q.6 **Select the option that can be used as a one-word substitute for the underlined group of words.**
The manager behaves as if he knows everything and has unlimited knowledge.

Ans ✘ 1. Omnipotent

✔ 2. Omniscient

✘ 3. Omnipresent

✘ 4. Omnivorous

Question ID : **26433045583**
Status : **Answered**
Chosen Option : **2**

Q.7 **Select the most appropriate synonym of the given word.**
Rampart

Ans ✘ 1. Denigration

✘ 2. Fortitude

✔ 3. Bulwark

✘ 4. Portal

Question ID : **26433043053**
Status : **Answered**
Chosen Option : **1**

Q.8 **Select the option that can be used as a one-word substitute for the given group of words.**
The action of examining with care or reading carefully

Ans ✘ 1. Persuade

✘ 2. Perverse

✔ 3. Perusal

✘ 4. Persiflage

Question ID : **26433039085**
Status : **Answered**
Chosen Option : **3**

Q.9 **Select the option that expresses the given sentence in active voice.**
Our team has been defeated.

Ans ✘ 1. Our team defeated the opposition.

✘ 2. The opposition had been defeated by our team.

✘ 3. The opposition defeated our team.

✔ 4. The opposition has defeated our team.

Question ID : **26433042901**
Status : **Answered**
Chosen Option : **4**

Q.10 The following sentence contains a grammatical error. Select the option that correctly rectifies the error.
He sees us coming, and unaware that we had learned of his treachery, greeted us with a smile

Ans   ✘ 1. He saw us coming, and unaware that we learned of his treachery, greeted us with a smile.

✔ 2. He saw us coming, and unaware that we had learned of his treachery, greeted us with a smile.

✘ 3. He saw us coming, and unaware that we were learning of his treachery, greeted us with a smile

✘ 4. He saw us come, and unaware that we had learned of his treachery, greets us with a smile.

Question ID : **26433042998**
Status : **Answered**
Chosen Option : **2**

Q.11 Select the option that will improve the underlined part of the given sentence.
Nowadays, many doctors advise <u>to live in the countryside.</u>

Ans   ✘ 1. to have live in the countryside

✘ 2. lived in the countryside

✘ 3. to lived in the countryside

✔ 4. living in the countryside

Question ID : **26433042863**
Status : **Answered**
Chosen Option : **4**

Q.12 From among the words given in bold, select the INCORRECTLY spelt word in the following sentence.
Jane Austen was already writing in the early 1790s, as the debates raged on radicalism, women's rights, and premitivism.

Ans   ✘ 1. radicalism

@Qmaths

✔ 2. premitivism

✘ 3. raged

✘ 4. debates

Question ID : **26433043166**
Status : **Answered**
Chosen Option : **2**

Q.13 Select the option that can be used as a one-word substitute for the underlined group of words.
At the party, Rohan was <u>pretending to be what he is not</u> to influence the investors for his company's shares.

Ans   ✘ 1. Canter

✘ 2. Autocrat

✔ 3. Hypocrite

✘ 4. Goody

Question ID : **26433045424**
Status : **Answered**
Chosen Option : **3**

Q.14 **Select the most appropriate meaning of the given idiom.**
Pull a long face

Ans ✗ 1. To look angry

✓ 2. To look sad

✗ 3. To flatter someone

✗ 4. To chide someone

Question ID : **26433039987**
Status : **Answered**
Chosen Option : **2**

Q.15 **Select the most appropriate option to fill in the blank.**
Towards the end of February the weather turned very _____.

Ans ✗ 1. slight

✗ 2. insipid

✓ 3. mild

✗ 4. thin

Question ID : **26433042827**
Status : **Answered**
Chosen Option : **3**

Q.16 **Select the correct homonym from the given options to fill in the blank.**
A diary entry is a_____account of one's day and is a very useful tool for celebrities.

Ans ✗ 1. person

✗ 2. personnel

✗ 3. persona

✓ 4. personal

Question ID : **26433045547**
Status : **Answered**
Chosen Option : **4**

Q.17 **Select the most appropriate ANTONYM of the given word.**

Treacherous

Ans ✗ 1. Fantastic

✗ 2. Flexible

✗ 3. Fluent

✓ 4. Faithful

Question ID : **26433040009**
Status : **Answered**
Chosen Option : **4**

Q.18 **Complete the sentence with an appropriate ANTONYM of the word mentioned in the bracket.**
There is _____(scarce) evidence that he is the thief.

Ans ✗ 1. strong

✗ 2. mysterious

✗ 3. scant

✓ 4. abundant

Question ID : **26433042891**
Status : **Answered**
Chosen Option : **4**

Q.19 **Select the most appropriate option to substitute the underline segment in the given sentence.**
It is a bad habit to <u>talk in</u> while someone is speaking.

Ans ✔️ 1. cut in

❌ 2. intrude over

❌ 3. burst in

❌ 4. walk over

Question ID : **26433042817**
Status : **Answered**
Chosen Option : **2**

Q.20 **Select the most appropriate meaning of the given idiom.**
Bed of roses

Ans ❌ 1. Trying condition of life

❌ 2. Lethargic condition of life

❌ 3. Testing condition of life

✔️ 4. Pleasant condition of life

Question ID : **26433043071**
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.

Although everyone wants to be successful in life, there are (1) _____ people who know the elements of success, the factors that go to build up success. Today, success is being (2) _____ with making money, with amassing millions and billions. Some people equate it with power and position. Many of us tend to equate success with visible material acquisitions. Outer things and external achievements are not a (3) _____ of success. Power, prestige, position, social influence and higher degrees awarded by universities — all these are outer things. They only touch the fringe of life; they do not enter the depths within. A man may have all these and yet maybe intellectually barren; he may be emotionally barren and spiritually sterile. Would you call such a man (4)_____? What then is success all about? What is true success? Success can be defined as the ability to be happy and make others happy; the ability to love and be loved; the ability to remain in peaceful (5)_____ with oneself; with those around you and with God's cosmic laws.

SubQuestion No : 21

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

Ans ✔️ 1. a few

❌ 2. most of

❌ 3. lot of

❌ 4. a majority

Question ID : **26433045689**
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.

Although everyone wants to be successful in life, there are (1) _____ people who know the elements of success, the factors that go to build up success. Today, success is being (2) _____ with making money, with amassing millions and billions. Some people equate it with power and position. Many of us tend to equate success with visible material acquisitions. Outer things and external achievements are not a (3) _____ of success. Power, prestige, position, social influence and higher degrees awarded by universities — all these are outer things. They only touch the fringe of life; they do not enter the depths within. A man may have all these and yet maybe intellectually barren; he may be emotionally barren and spiritually sterile. Would you call such a man (4)_____? What then is success all about? What is true success? Success can be defined as the ability to be happy and make others happy; the ability to love and be loved; the ability to remain in peaceful (5)_____ with oneself; with those around you and with God's cosmic laws.

SubQuestion No : 22

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

Ans   ✗ 1. challenged

   ✓ 2. confused

   ✗ 3. decreased

   ✗ 4. amazed

Question ID : **26433045690**
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.

Although everyone wants to be successful in life, there are (1) _____ people who know the elements of success, the factors that go to build up success. Today, success is being (2) _____ with making money, with amassing millions and billions. Some people equate it with power and position. Many of us tend to equate success with visible material acquisitions. Outer things and external achievements are not a (3) _____ of success. Power, prestige, position, social influence and higher degrees awarded by universities — all these are outer things. They only touch the fringe of life; they do not enter the depths within. A man may have all these and yet maybe intellectually barren; he may be emotionally barren and spiritually sterile. Would you call such a man (4)_____? What then is success all about? What is true success? Success can be defined as the ability to be happy and make others happy; the ability to love and be loved; the ability to remain in peaceful (5)_____ with oneself; with those around you and with God's cosmic laws.

SubQuestion No : 23

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

Ans   ✗ 1. reason

   ✓ 2. measure

   ✗ 3. thought

   ✗ 4. gift

Question ID : **26433045691**
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.

Although everyone wants to be successful in life, there are (1) _____ people who know the elements of success, the factors that go to build up success. Today, success is being (2) _____ with making money, with amassing millions and billions. Some people equate it with power and position. Many of us tend to equate success with visible material acquisitions. Outer things and external achievements are not a (3) _____ of success. Power, prestige, position, social influence and higher degrees awarded by universities — all these are outer things. They only touch the fringe of life; they do not enter the depths within. A man may have all these and yet maybe intellectually barren; he may be emotionally barren and spiritually sterile. Would you call such a man (4)_____? What then is success all about? What is true success? Success can be defined as the ability to be happy and make others happy; the ability to love and be loved; the ability to remain in peaceful (5)_____ with oneself; with those around you and with God's cosmic laws.

SubQuestion No : 24

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

Ans ✗ 1. sober

✔ 2. successful

✗ 3. sensible

✗ 4. thoughtful

Question ID : **26433045692**
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.

Although everyone wants to be successful in life, there are (1) _____ people who know the elements of success, the factors that go to build up success. Today, success is being (2) _____ with making money, with amassing millions and billions. Some people equate it with power and position. Many of us tend to equate success with visible material acquisitions. Outer things and external achievements are not a (3) _____ of success. Power, prestige, position, social influence and higher degrees awarded by universities — all these are outer things. They only touch the fringe of life; they do not enter the depths within. A man may have all these and yet maybe intellectually barren; he may be emotionally barren and spiritually sterile. Would you call such a man (4)_____? What then is success all about? What is true success? Success can be defined as the ability to be happy and make others happy; the ability to love and be loved; the ability to remain in peaceful (5)_____ with oneself; with those around you and with God's cosmic laws.

SubQuestion No : 25

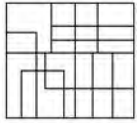**Q.25 Select the most appropriate option to fill in blank number 5.**

Ans ✔ 1. harmony

✗ 2. inner beauty

✗ 3. pride

✗ 4. praise

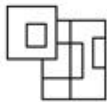Question ID : **26433045693**
Status : **Answered**
Chosen Option : **1**

Section : **General Intelligence**

Q.1 Select the option that is embedded in the given figure as its part (rotation is NOT allowed).
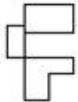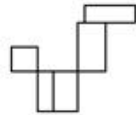

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Question ID : **26433040180**

Status : **Answered**

Chosen Option : **3**

Q.2 In a certain code language, 'STRONG' is written as 'TSORGN', and 'PASTEL' is written as 'APTSLE'. How will 'WORKER' be written in that language?

Ans   ✗ 1. OWKRER

✔ 2. OWKRRE

✗ 3. OKWRER

✗ 4. OWRKRE

Question ID : **26433045354**

Status : **Answered**

Chosen Option : **2**

Q.3 Which of the following numbers will replace the question mark (?) in the given series?
6, 16, 29, 62, 121, ?

Ans   ✗ 1. 283

✔ 2. 246

✗ 3. 238

✗ 4. 264

Question ID : **26433045199**

Status : **Answered**

Chosen Option : **2**

Q.4 Which of the following numbers will replace the question mark (?) in the given series?
15, 30, 33, ?, 137, 822

Ans   ✗ 1. 126

✔ 2. 132

✗ 3. 128

✗ 4. 130

Question ID : **26433040567**

Status : **Not Answered**

Chosen Option : **--**

Q.5 दिए गए संख्या युग्मों में दूसरी संख्या, पहली संख्या पर निश्चित गणितीय संक्रियाएँ करके प्राप्त की जाती है। एक संख्या युग्म को छोड़कर सभी संख्या युग्मों में समान संक्रियाएं की जाती हैं। वह असंगत संख्या युग्म ज्ञात कीजिए।

Ans ✔ 1. 4612 - 6412
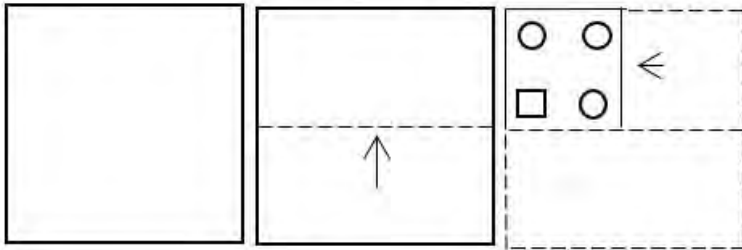
✘ 2. 7938 - 9873

✘ 3. 5286 - 8652

✘ 4. 8734 - 8743

Question ID : **26433045320**
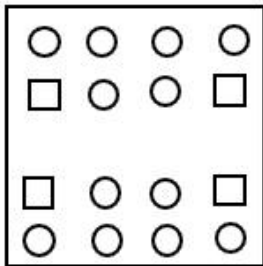Status : **Not Answered**
Chosen Option : **--**

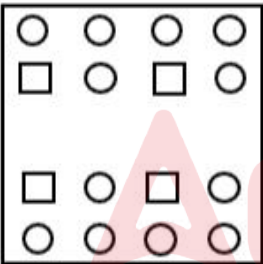**Q.6** A paper is folded and cut as shown. How will it appear when unfolded?
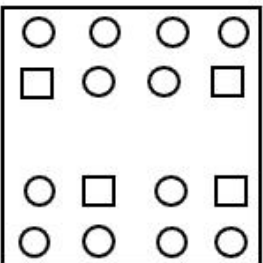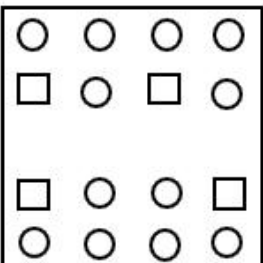
Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Question ID : **26433040519**
Status : **Answered**
Chosen Option : **1**

Q.7 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

P
m Q 7 4 z p |
Q

Ans

✗ 1. uꓯ74zd

✗ 2. qz4ꓯꓳw

✗ 3. qz74ꓳm

✓ 4. qz4ꓯꓳm

Q.8 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row- 9, 34, 72
Second row- 7, 26, 56
Third row- 23, 90, ?
(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. 184

✗ 2. 148

✗ 3. 146

✗ 4. 164

Q.9 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row: 12, 36, 60
Second row: 24, 72, 120
Third row: 33, 99, ?
(NOTE: Operations should be performed on the whole numbers, without breaking down the number into its constituent digits. For example, 13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
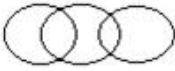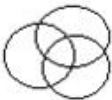
Ans

✗ 1. 160

✗ 2. 175

✗ 3. 140

✓ 4. 165

Q.10 Select the Venn diagram that best represents the relationship between the following classes.
Galaxy, Earth, Moon

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.

Question ID : **26433040143**
Status : **Answered**
Chosen Option : **4**

Q.11 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.
d _ c d _ b _ d _ c d c _ d d b c _ b d

Ans ✗ 1. b d d b b d

✗ 2. d c d d b d

✔ 3. b c d b b d

✗ 4. d c d b b d

Question ID : **26433043396**
Status : **Answered**
Chosen Option : **3**

Q.12 Which of the following numbers will replace the question mark (?) in the given series?
294, 326, 252, 273, 210, 220, 168, 167, ?

Ans ✗ 1. 115

✔ 2. 126

✗ 3. 120

✗ 4. 125

Question ID : **26433043255**
Status : **Answered**
Chosen Option : **2**

Q.13 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1.Mathematic
2.Malfunction
3.Masterpiece
4.Manipulation
5.Manageable

Ans ✗ 1. 2,5,3,4,1

✗ 2. 2,4,5,3,1

✗ 3. 5,2,4,3,1

✔ 4. 2,5,4,3,1

Question ID : **26433040375**
Status : **Answered**
Chosen Option : **4**

Q.14 Which of the following numbers will replace the question mark (?) in the given series?
74, 62, 82, 78, 109, 159, 173, ?

Ans   ✗ 1. 223

   ✗ 2. 375

   ✔ 3. 415

   ✗ 4. 295

Question ID : **26433043279**
Status : **Answered**
Chosen Option : **3**

Q.15 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(18, 5, 65)
(14, 3, 61)
(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. (22, 16, 87)

   ✗ 2. (24, 16, 90)

   ✗ 3. (23, 19, 57)

   ✔ 4. (25, 11, 4)

Question ID : **26433043223**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Which letter-cluster will replace the question mark (?) to complete the given series?
QESC, ?, QOSM, QTSR, QYSW

Ans   ✗ 1. RLSJ

   ✔ 2. QJSH

   ✗ 3. QIRG

   ✗ 4. RKSI

Question ID : **26433039026**
Status : **Answered**
Chosen Option : **2**

Q.17 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row: 9, 7, 48
Second row: 12, 5, 44
Third row: 8, 13, ?
(NOTE: Operations should be performed on the whole numbers, without breaking down the number into its constituent digits. For example, 13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans   ✗ 1. 76

   ✗ 2. 94

   ✗ 3. 96

   ✔ 4. 84

Question ID : **26433043325**
Status : **Answered**
Chosen Option : **4**

Q.18 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row: 86, 82, 56
Second row: 74, 67, 47
Third row: 54, 48, ?
(NOTE: Operations should be performed on the whole numbers, without breaking down the number into its constituent digits. For example, 13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans ✔ 1. 34

✘ 2. 38

✘ 3. 32

✘ 4. 37

Question ID : **26433043316**
Status : **Not Answered**
Chosen Option : **--**

Q.19 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.
INCLUDE : CNILEDU :: KEYNOTE : YEKNETO :: NOTABLY : ?

Ans ✘ 1. TOYANLB

✘ 2. BLYANOT

✔ 3. TONAYLB

✘ 4. TONABLY

Question ID : **26433040261**
Status : **Answered**
Chosen Option : **3**

Q.20 In a certain code language, 'HEAT' is written as 'VSGZ' and 'CLAY' is written as 'OXBZ'. How will 'BANK' be written in that language?

Ans ✘ 1. YZMP

✘ 2. YZPM

✘ 3. ZYMP

✔ 4. ZYPM

Question ID : **26433040292**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1. Immense
2. Induce
3. Implied
4. Interim
5. Invalid

Ans ✔ 1. 1,3,2,4,5

✘ 2. 1,2,4,3,5

✘ 3. 1,2,3,4,5

✘ 4. 1,3,4,2,5

Question ID : **26433040433**
Status : **Answered**
Chosen Option : **1**

Q.22 Seven friends M, N, O, P, Q, R and S, each has a different height. Only two people are taller than Q. P is taller than Q but shorter than O. M is taller than R but shorter than S. Only three people are taller than S. N is the shortest among all. The height of how many persons is between the heights of Q and R?

Ans ✓ 1. 2

✗ 2. 4

✗ 3. 1

✗ 4. 3

Question ID : **26433043474**
Status : **Answered**
Chosen Option : **1**

Q.23 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

M
rif486 |
N

Ans ✗ 1. ∂84ᒐ!ꟼ

✗ 2. ∂84ᒐiꓶ

✗ 3. 984ᒐiꓶ

✓ 4. ∂84ᒐiꟼ

Question ID : **26433040166**
Status : **Answered**
Chosen Option : **4**

Q.24 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

P
JL4t7s |
Q

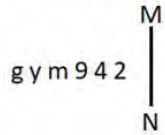Ans ✗ 1. ƨᒐꚍ4ꓶꓘ

✗ 2. ƨᒐꚍ4ꓶꓘ

✓ 3. ƨᒐꚍ4ꓶꓘ

✗ 4. ƨᒐꚍ4ꓶꓘ

Question ID : **26433045015**
Status : **Answered**
Chosen Option : **3**

Q.25 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

M

gym942 |

N

Ans

✗ 1. ᴢA6mʏꙅ

✔ 2. ᴢA9wꙅ

✗ 3. ᴢ4ǝwʏꙅ

✗ 4. ᴢ4ǝmʏꙅ

Question ID : **26433040161**
Status : **Answered**
Chosen Option : **2**

Section : **Quantitative Aptitude**

Q.1 For what angle D is △ ABC congruent to △ DEF, given AC = 2.5 cm, BC = 5 cm, ∠C = 75°, DE = 2.5 cm and DF = 5 cm?

Ans

✔ 1. 75°

✗ 2. 25°

✗ 3. 35°

✗ 4. 90°

Question ID : **26433041612**
Status : **Answered**
Chosen Option : **1**

Q.2

If $8x^2 + 9x + 8 = 0$, then the value of $x^3 + \dfrac{1}{x^3}$ is:

Ans

✗ 1. $\dfrac{999}{212}$

✗ 2. $\dfrac{199}{212}$

✔ 3. $\dfrac{999}{512}$

✗ 4. $\dfrac{199}{512}$

Question ID : **26433039212**
Status : **Answered**
Chosen Option : **3**

Q.3 The profit triples if the selling price is doubled. The profit percentage is:

Ans ✗ 1. 110

✗ 2. 50

✔ 3. 100

✗ 4. 28

Question ID : **26433044023**
Status : **Answered**
Chosen Option : **3**

Q.4 A man can complete a work in 20 days, and a woman can complete the same work in 10 days. If they work on it together for 5 days, then how many days will the woman take to complete the rest of the work?

Ans

✔ 1. $2\frac{1}{2}$

✘ 2. $1\frac{1}{4}$

✘ 3. $3\frac{1}{2}$

✘ 4. $1\frac{1}{2}$

Question ID : **26433044120**
Status : **Answered**
Chosen Option : **1**

Q.5 A family spends 8% of its monthly income on charity. In a particular month, the family spent ₹1,200 on charity. What is the income in that month?

Ans

✔ 1. ₹15,000

✘ 2. ₹16,000

✘ 3. ₹12,000

✘ 4. ₹18,000

Question ID : **26433041520**
Status : **Answered**
Chosen Option : **1**

Q.6 How many numbers between 100 and 1000 are divisible by 17?

Ans

✘ 1. 51

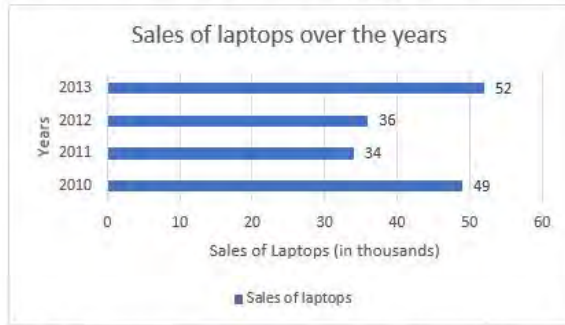✔ 2. 53

✘ 3. 52

✘ 4. 54

Question ID : **26433041362**
Status : **Answered**
Chosen Option : **2**

Q.7 Study the following bar-chart and answer the question that follows.

The bar-chart shows the sales of laptops (in thousands) over a period of four years.

Sales of laptops over the years

Year	Sales of Laptops (in thousands)
2013	52
2012	36
2011	34
2010	49

■ Sales of laptops

Find the percentage increase in sales from 2012 to 2013, giving your answer correct to two places of decimal.

Ans
✗ 1. 42.98%

✗ 2. 48.54%

✗ 3. 45.64%

✔ 4. 44.44%

Question ID : **26433045910**
Status : **Answered**
Chosen Option : **4**

Q.8 The area of a triangle is 96 cm^2 and the length of one of its sides is 24 cm. What is the length of the perpendicular drawn to this side of the triangle from the opposite vertex?

Ans
✗ 1. 16 cm

✔ 2. 8 cm

✗ 3. 4 cm

✗ 4. 12 cm

Question ID : **26433044300**
Status : **Answered**
Chosen Option : **2**

Q.9

Find the value of $\left(\dfrac{9^3+9^4+9^5+9^6+9^7}{9^1+9^2+9^3+9^4+9^5}\right)^{\frac{1}{2}}$.

Ans
✔ 1. 9

✗ 2. 3

✗ 3. 729

✗ 4. 81

Question ID : **26433039265**
Status : **Answered**
Chosen Option : **1**

Q.10 The value of $\sin 2\theta (\tan \theta + \cot \theta)$ is:

Ans

✗ 1. $\dfrac{2}{3}$

✗ 2. 1

✗ 3. $\dfrac{1}{2}$

✔ 4. 2

Question ID : **26433041445**
Status : **Answered**
Chosen Option : **4**

Q.11 Study the given table and answer the question that follow.

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

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

In which two of the six given months was the total number of scooters produced by the company, of all types taken together, equal?

Ans
✗ 1. January and May

✔ 2. April and May

✗ 3. January and February

✗ 4. January and March

Question ID : **26433045922**
Status : **Answered**
Chosen Option : **2**

Q.12 Find the value of the given expression:
42 ÷ 7 × (5 + 7) ÷ 3

Ans
✗ 1. 1.5

✗ 2. 3

✔ 3. 24

✗ 4. 32

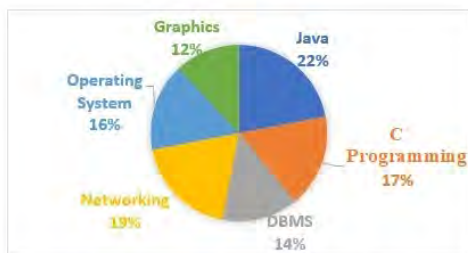Question ID : **26433039509**
Status : **Answered**
Chosen Option : **3**

Q.13 Bhanu spends 20% of his monthly salary on rent, 10% on stationery, 14% on transport, 18% on electricity, and the balance of ₹1,520 on remaining items. What is the monthly salary of Bhanu?

Ans
✗ 1. ₹10,000

✗ 2. ₹6,000

✔ 3. ₹4,000

✗ 4. ₹2,000

Question ID : **26433039233**
Status : **Answered**
Chosen Option : **3**

Q.14 The pie chart shows the percentage-wise break up of students in terms of specialisation in Engineering.
Total number of students = 8000

What is the ratio of the total number of students having either Networking or Graphics as their specialisations to the number of students having C programming as their specialisation?

Ans   ✗ 1. 18 : 13

   ✗ 2. 29 : 11

   ✗ 3. 11 : 19

   ✓ 4. 31 : 17

Question ID : **26433045967**
Status : **Answered**
Chosen Option : **4**

Q.15 A certain sum is invested at 26% p.a, interest compounded annually. In how many years (approx) will it double?

Ans   ✗ 1. 4

   ✓ 2. 3

   ✗ 3. 2

   ✗ 4. 5

Question ID : **26433041490**
Status : **Answered**
Chosen Option : **1**

Q.16 A watercraft is rowed down 32 km along a river in 4 hours and 10 km against the river in 5 hours. Find the speed of the watercraft and that of the river.

Ans   ✗ 1. 4.5 km/h and 2.5 km/h

   ✗ 2. 4 km/h and 3 km/h

   ✓ 3. 5 km/h and 3 km/h

   ✗ 4. 3.5 km/h and 1.5 km/h

Question ID : **26433041374**
Status : **Answered**
Chosen Option : **3**

Q.17 Roshni travelled at the speed of 66 km/h while going from point A to point B and returned via the same route at the speed of 92.4 km/h. What was Roshni's overall average speed during the two-way journey?

Ans ✔ 1. 77 km/h

✘ 2. 79.2 km/h

✘ 3. 79 km/h

✘ 4. 78 km/h

Question ID : **26433043927**
Status : **Answered**
Chosen Option : **2**

Q.18 दो मित्रों की आयु का अनुपात 7 : 9 है, जबकि 10 वर्ष बाद यह 19 : 23 हो जाएगा। अब से 7 वर्ष बाद उनकी औसत आयु कितनी होगी?

Ans ✘ 1. 33 वर्ष

✘ 2. 35 वर्ष

✘ 3. 36 वर्ष

✔ 4. 39 वर्ष

Question ID : **26433042372**
Status : **Answered**
Chosen Option : **4**

Q.19 If $x - \frac{1}{x} = 11$, what is the value of $(x^4 + \frac{1}{x^4})$?

Ans ✘ 1. 14159

✘ 2. 14163

✔ 3. 15127

✘ 4. 15131

Question ID : **26433043995**
Status : **Answered**
Chosen Option : **3**

Q.20 A 37% discount was offered on an item with a marked price of ₹2,900. What was the selling price of the item?

Ans ✔ 1. ₹1,827

✘ 2. ₹1,073

✘ 3. ₹ 1,823

✘ 4. ₹1,829

Question ID : **26433044282**
Status : **Answered**
Chosen Option : **1**

Q.21 What is the volume of a sphere whose diameter is 16.8 cm? [Use $\pi = \frac{22}{7}$]

Ans ✘ 1. 2487.312 cm^3

✘ 2. 2473.812 cm^3

✔ 3. 2483.712 cm^3

✘ 4. 2483.172 cm^3

Question ID : **26433044303**
Status : **Answered**
Chosen Option : **3**

Q.22 If the radii of two cylinders are in the ratio of 2 : 3 and their heights are in the ratio of 5 : 3, then the ratio of their volumes is:

Ans ✗ 1. 22: 15

✓ 2. 20 : 27

✗ 3. 3 : 4

✗ 4. 16: 23

Question ID : **26433042407**

Status : **Answered**

Chosen Option : **2**

Q.23 A man rides his bicycle for 10 kilometres at a speed of 12 kilometres per hour, then for another 12 kilometres at a speed of 10 kilometres per hour. What is his average speed for the entire trip approximately?

Ans ✓ 1. 10.8 km/h

✗ 2. 11.8 km/h

✗ 3. 11.4 km/h

✗ 4. 10 km/h

Question ID : **26433044014**

Status : **Answered**

Chosen Option : **1**

Q.24 The marked price of a mobile phone was ₹35,600. The shop owner offered a 10% trade discount on the marked price but on further request by the customer, he sold the phone for ₹30,000 after giving a cash discount. How much is this cash discount as a percentage of the price after the trade discount? (Give your answer correct to 2 decimal places.)

Ans ✓ 1. 6.37%

✗ 2. 5.75%

✗ 3. 4.95%

✗ 4. 5.25%

Question ID : **26433038865**

Status : **Answered**

Chosen Option : **1**

Q.25 A and B share a few marbles in the ratio 4 : 5. If B gets 10 marbles more than A, then what is A's share?

Ans ✗ 1. 8 marbles

✗ 2. 42 marbles

✗ 3. 12 marbles

✓ 4. 40 marbles

Question ID : **26433041585**

Status : **Answered**

Chosen Option : **4**

Section : **General Awareness**

Q.1 Which river basin covers an area of 8,60,000 km^2 and is spread across 11 Indian states?

Ans ✗ 1. Mahanadi basin

✓ 2. Ganga basin

✗ 3. Indus basin

✗ 4. Brahmaputra basin

Question ID : **26433044892**
Status : **Answered**
Chosen Option : **2**

Q.2 In August 2021, the Supreme Court in the Pichra Warg Kalyan Mahasabha vs. _____case reaffirmed that 'creamy layer' is based on social forwardness and not economic criteria alone.

Ans ✗ 1. State of Rajasthan

✗ 2. State of Gujarat

✗ 3. State of Madhya Pradesh

✓ 4. State of Haryana

Question ID : **26433044419**
Status : **Not Answered**
Chosen Option : **--**

Q.3 किसकी आत्मकथा को "अर्धकथानक" कहा जाता है?

Ans ✗ 1. दयानंद सरस्वती

✓ 2. बनारसी दास जैन

✗ 3. भाई परमानंद

✗ 4. सत्यानंद अग्निहोत्री

Question ID : **26433038817**
Status : **Answered**
Chosen Option : **2**

Q.4 निम्नलिखित में से कौन-सा नृत्य मैतई लोगों के वैष्णव मत से जुड़ा हुआ है?

Ans ✗ 1. छऊ

✗ 2. सत्रिया

✗ 3. कुचिपुड़ी

✓ 4. मणिपुरी

Question ID : **26433041968**
Status : **Answered**
Chosen Option : **2**

Q.5 फरवरी 2022 तक, संगीत नाटक अकादमी रत्नसदस्य (फेलो) के लिए पुरस्कार राशि (पर्स मनी) _____ है।

Ans ✓ 1. ₹3 लाख

✗ 2. ₹2 लाख

✗ 3. ₹1 लाख

✗ 4. ₹4 लाख

Question ID : **26433042273**
Status : **Answered**
Chosen Option : **4**

Q.6 As per statistics published by National total number of crime incidences Records Bureau for 2020, which metropolitan city tops in crime against Scheduled Caste(s)?

Ans ✔ 1. Lucknow

✘ 2. Kanpur

✘ 3. Patna

✘ 4. Jaipur

Question ID : **26433041837**
Status : **Answered**
Chosen Option : **3**

Q.7 To whom can the Judge of the Supreme Court address his/her resignation letter?

Ans ✘ 1. The Prime Minister of India

✔ 2. The President of India

✘ 3. The Chief Justice of India

✘ 4. The Law Minister of India

Question ID : **26433039639**
Status : **Answered**
Chosen Option : **2**

Q.8 'What I Talk About When I Talk About Running' is a book written by _____.

Ans ✘ 1. Suematsu Kenchō

✘ 2. Yukio Mishima

✘ 3. Hiroaki Sato

✔ 4. Haruki Murakami

Question ID : **26433044666**
Status : **Answered**
Chosen Option : **2**

Q.9 सूखी बर्फ, मोथबॉल, आयोडीन क्रिस्टल और जिंक युक्त यौगिक निम्नलिखित में से किस विधि से बिना द्रव अवस्था में जाए सीधे ठोस से गैसीय अवस्था में बदल जाते हैं?

Ans ✘ 1. वाष्पीकरण

✘ 2. संघनन

✘ 3. गलन

✔ 4. उर्ध्वपातन

Question ID : **26433044821**
Status : **Answered**
Chosen Option : **4**

Q.10 निम्नलिखित में से कौन-सी तकनीक हमारे शरीर के अंदर के अंगों और संरचनाओं को देखने के लिए एक बड़े चुंबक और रेडियो तरंगों के संयोजन का उपयोग करती है?

Ans ✘ 1. कम्प्यूटेड टोमोग्राफी

✘ 2. फ्लोरोस्कोपी

✘ 3. पॉजिट्रॉन एमिशन टोमोग्राफी

✔ 4. मैग्नेटिक रेजोनेंस इमेजिंग

Question ID : **26433044694**
Status : **Answered**
Chosen Option : **4**

Q.11 In running events who counts the laps?

Ans ✗ 1. Lap counter

✓ 2. Lap scorer

✗ 3. Time keeper

✗ 4. Lap recorder

Question ID : **26433042197**
Status : **Answered**
Chosen Option : **1**

Q.12 In which year did Sonu Sood release his autobiography 'I Am No Messiah'?

Ans ✗ 1. 2014

✓ 2. 2020

✗ 3. 2018

✗ 4. 2007

Question ID : **26433038946**
Status : **Answered**
Chosen Option : **2**

Q.13 Why are the outermost electrons lost easily down the group?

Ans ✗ 1. The elements are inert

✗ 2. The innermost electrons are farther away from the nucleus

✗ 3. The outermost electrons are closest to the nucleus

✓ 4. The outermost electrons are farther away from the nucleus

Question ID : **26433039416**
Status : **Answered**
Chosen Option : **4**

Q.14 The NBFID bill was passed in Rajya Sabha on 25 March 2021, by which NBFID will be set up as a corporate body with an authorised share capital of _____ lakh crore rupees.

Ans ✗ 1. 2

✗ 2. 4

✗ 3. 3

✓ 4. 1

Question ID : **26433044399**
Status : **Not Answered**
Chosen Option : **--**

Q.15 A R Rahman received the Academy Award in 2009 for which of the following movies?

Ans ✗ 1. Lagaan

✓ 2. Slumdog Millionaire

✗ 3. Roja

✗ 4. Bombay Dreams

Question ID : **26433041725**
Status : **Answered**
Chosen Option : **2**

Q.16 What is the other name of trap shooting?

Ans ✔ 1. Clay-pigeon shooting

✘ 2. Crawl shooting

✘ 3. Wood-pigeon shooting

✘ 4. Pigeon shooting

Question ID : **26433042209**
Status : **Not Answered**
Chosen Option : **--**

Q.17 When did Ernest Rutherford publish the results of the gold-foil experiment, which showed that scattering is caused by a rigid, dense core at the centre of the atom - the nucleus?

Ans ✘ 1. 1905

✔ 2. 1911

✘ 3. 1921

✘ 4. 1925

Question ID : **26433041890**
Status : **Answered**
Chosen Option : **2**

Q.18 Who among the following personalities has been conferred with the Padma Shri in 2022 for his contribution to Baiga dance and Music?

Ans ✘ 1. Girdhari Ram

✘ 2. Savaji Bhai Dholakia

✔ 3. Arjun Singh Dhurve

✘ 4. Chandra Prakash

Question ID : **26433041782**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Who among the following is known as a vocalist in Carnatic Music?

Ans ✘ 1. Gangubai Hangal

✔ 2. GN Balasubramaniam

✘ 3. Kaushiki Chakraborty

✘ 4. Girija Devi

Question ID : **26433041935**
Status : **Not Answered**
Chosen Option : **--**

Q.20 In India, the tradition of singing ghazal was established by _____.

Ans ✘ 1. Hazrat Ali

✔ 2. Hazrat Amir Khusrau

✘ 3. Hazrat Nizamuddin

✘ 4. Hazrat Shahenshahwali

Question ID : **26433044561**
Status : **Answered**
Chosen Option : **3**

Q.21 Pandit Bhimsen Joshi received the National Film Award for best male playback singer for his rendition in which of the following Hindi movies of 1985?

Ans ✓ 1. Ankahee

✗ 2. Tansen

✗ 3. Sandhya Raga

✗ 4. Basant Bahar

Question ID : **26433042312**
Status : **Not Answered**
Chosen Option : **--**

Q.22 What is the common name of Parthenium hysterophorus?

Ans ✗ 1. Lemon grass

✗ 2. Lawn grass

✗ 3. Horse grass

✓ 4. Carrot grass

Question ID : **26433039452**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Identify the FALSE statement in the context of money supply.

Ans ✓ 1. Total stock of money alone in an economy determines the overall liquidity in the economy.

✗ 2. Commercial banks use primary deposits to create credit.

✗ 3. The money held by the government is not included in the measure of money supply.

✗ 4. Credit money refers to money whose money value is more than commodity value.

Question ID : **26433042060**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Which river rises near Mhow in the Malwa plateau of Madhya Pradesh?

Ans ✓ 1. Chambal

✗ 2. Mahi

✗ 3. Varuna

✗ 4. Betwa

Question ID : **26433039661**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Who among the following is the author of the famous novel 'The adventures of Huckleberry Finn'?

Ans ✗ 1. Emily Bronte

✗ 2. Ernest Hemingway

✓ 3. Mark Twain

✗ 4. Herman Melville

Question ID : **26433041706**
Status : **Not Answered**
Chosen Option : **--**