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Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Nayanipalli Village
Exam Date	24/05/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL 2021 Tier I

Section : **English Language**

Q.1 **Select the sentence which has no spelling error.**

Ans
✗ 1. I was licking my lips for delicoius ice cream.
✗ 2. There was deleceous aroma coming from the kitchen.
✓ 3. My mother prepares delicious chocolate cakes.
✗ 4. Granny said that red apples are very dilicious.

Question ID : **26433043118**
Status : **Answered**
Chosen Option : **3**

Q.2 **Select the INCORRECTLY spelt word.**

Ans
✗ 1. Nuptial
✓ 2. Decaffenated
✗ 3. Supplementary
✗ 4. Noticeable

Question ID : **26433039057**
Status : **Answered**
Chosen Option : **4**

Q.3 **Select the option that expresses the given sentence in active voice.**
The lock has not yet been repaired by the locksmith.

Ans
✗ 1. The locksmith does not repairs the lock.
✓ 2. The locksmith has not repaired the lock yet.
✗ 3. The locksmith is not repairing the lock yet.
✗ 4. The locksmith had not repaired the lock till then.

Question ID : **26433039750**
Status : **Answered**
Chosen Option : **2**

Q.4 **Select the most appropriate meaning of the given idiom.**
A fly on the wall

Ans
✗ 1. A vigilant security guard
✓ 2. An unperceived observer
✗ 3. Very intelligent person
✗ 4. An unwelcome guest

Question ID : **26433039990**
Status : **Answered**
Chosen Option : **4**

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Q.5 **Select the most appropriate option to substitute the underline segment in the given sentence.**
If we do nothing to curb this pollution, I guarantee we will face the wall in the future.

Ans
1. face the wind
2. face the music
3. face the dark
4. face the stick

Question ID : **26433042809**
Status : **Answered**
Chosen Option : **2**

Q.6 **Select the most appropriate synonym of the given word.**
Amble

Ans
1. Bustle
2. Stare
3. Wander
4. Trot

Question ID : **26433039837**
Status : **Not Answered**
Chosen Option : **--**

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

Ans
1. Severity
2. Malevolence
3. Compassion
4. Impassion

Question ID : **26433043070**
Status : **Answered**
Chosen Option : **1**

Q.8 **Select the most appropriate option to fill in the blank.**
Everyone knows that the future of all life on earth will be _____ if people don't control the contamination of the environment.

Ans
1. dangerous
2. endangered
3. dangered
4. danger

Question ID : **26433039934**
Status : **Answered**
Chosen Option : **2**

Q.9 **Select the option that will improve the underlined part of the given sentence.**
Do you mind me to being here while you are working?

Ans
1. you can mind me to be
2. you minds me to be
3. you mind me being
4. you will mind me to being

Question ID : **26433042858**
Status : **Answered**
Chosen Option : **3**

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Q.10 **Select the most appropriate synonym of the given word.**
Renounce

Ans
✗ 1. Condone
✗ 2. Hamper
✗ 3. Prevent
✓ 4. Forsake

Question ID : **26433039964**
Status : **Answered**
Chosen Option : **2**

Q.11 **Select the option that will improve the underlined part of the given sentence.**
Peter is studying hard to have score in the exams.

Ans
✗ 1. to scoring
✗ 2. to have scored
✓ 3. to score
✗ 4. to scores

Question ID : **26433042854**
Status : **Answered**
Chosen Option : **3**

Q.12 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
Each member / of the team / receive a memorabilia / after the match is over.

Ans
✗ 1. of the team
✗ 2. Each member
✓ 3. receive a memorabilia
✗ 4. after the match is over

Question ID : **26433040045**
Status : **Answered**
Chosen Option : **3**

Q.13 **Select the most appropriate option to fill in the blanks.**

Besides being _____ multifaceted artist, he was _____ poet, novelist, and a painter.

Ans
✗ 1. a, an
✗ 2. an, an
✓ 3. a, a
✗ 4. an, the

Question ID : **26433042911**
Status : **Answered**
Chosen Option : **4**

Q.14 **Select the INCORRECTLY spelt word.**

Ans
✗ 1. Xylophone
✗ 2. Oligopoly
✓ 3. Robbust
✗ 4. Zenith

Question ID : **26433045525**
Status : **Answered**
Chosen Option : **3**

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Q.15 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
Even though / we are quite different from each other / in our food preferences, / we both loves South Indian delicacies.

Ans
✗ 1. Even though
✗ 2. we are quite different from each other
✓ 3. we both loves South Indian delicacies
✗ 4. in our food preferences

Question ID : **26433040047**
Status : **Answered**
Chosen Option : **3**

Q.16 **Select the INCORRECTLY spelt word.**

Ans
✗ 1. Nosy
✓ 2. Vennison
✗ 3. Yearn
✗ 4. Ruminate

Question ID : **26433045514**
Status : **Answered**
Chosen Option : **3**

Q.17 **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. Because the educational institution's teaching staff is actively involved.
B. Curricular or academic activities refer to activities that cover the specified courses of study.
C. These exercises are an essential component of the overall educational curriculum.
D. In layman's terms, 'curricular activities' are activities that take place within the classroom.

Ans
✗ 1. CDBA
✓ 2. BDCA
✗ 3. DABC
✗ 4. DBCA

Question ID : **26433042889**
Status : **Answered**
Chosen Option : **4**

Q.18 **Select the most appropriated option to fill in the blank.**

The _____ crowd gave their newly elected leader a magnificent welcome.

Ans
✗ 1. noisy
✓ 2. jubilant
✗ 3. troublesome
✗ 4. melancholic

Question ID : **26433039728**
Status : **Not Answered**
Chosen Option : **--**

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Q.19 **Select the most appropriate synonym of the highlighted word.**
The equivocal nature of his comments was criticised by the officials.

Ans
✗ 1. certain
✓ 2. ambiguous
✗ 3. manageable
✗ 4. vicious

Question ID : **26433045476**
Status : **Answered**
Chosen Option : **2**

Q.20 **Select the most appropriate meaning of the given idiom.**
In the same boat

Ans
✗ 1. To go in the same direction as someone else
✓ 2. To be in the same difficult situation as someone else
✗ 3. To share profits with someone else
✗ 4. To gain undue advantage with others

Question ID : **26433039985**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the options given. Select the most appropriate option for each blank.
Human beings have three basic needs: food, shelter, and (1)_____. All of these requirements can be met satisfactorily only if an individual has money, and for earning this money, the individual must be employed, i. e., have a/an (2)_____ profession. (3)_____, there are a lot of people throughout the globe who have been unable to obtain a job. As a direct (4)_____, they have a/an (5)_____ amount of income, and unemployment is the term used to describe this condition of joblessness.

SubQuestion No : 21

Q.21 **Select the most appropriate option to fill in blank No.1.**

Ans
✗ 1. power
✗ 2. water
✓ 3. clothing
✗ 4. money

Question ID : **26433045713**
Status : **Answered**
Chosen Option : **3**

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Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the options given. Select the most appropriate option for each blank.
Human beings have three basic needs: food, shelter, and (1)_____. All of these requirements can be met satisfactorily only if an individual has money, and for earning this money, the individual must be employed, i. e., have a/an (2)_____ profession. (3)_____, there are a lot of people throughout the globe who have been unable to obtain a job. As a direct (4)_____, they have a/an (5)_____ amount of income, and unemployment is the term used to describe this condition of joblessness.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank No.2.

Ans
✔ 1. suitable
✘ 2. authoritative
✘ 3. decent
✘ 4. temporary

Question ID : **26433045714**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the options given. Select the most appropriate option for each blank.
Human beings have three basic needs: food, shelter, and (1)_____. All of these requirements can be met satisfactorily only if an individual has money, and for earning this money, the individual must be employed, i. e., have a/an (2)_____ profession. (3)_____, there are a lot of people throughout the globe who have been unable to obtain a job. As a direct (4)_____, they have a/an (5)_____ amount of income, and unemployment is the term used to describe this condition of joblessness.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank No.3.

Ans
✘ 1. Rightfully
✘ 2. Regressively
✘ 3. Repressively
✔ 4. Regrettably

Question ID : **26433045715**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the options given. Select the most appropriate option for each blank.
Human beings have three basic needs: food, shelter, and (1)_____. All of these requirements can be met satisfactorily only if an individual has money, and for earning this money, the individual must be employed, i. e., have a/an (2)_____ profession. (3)_____, there are a lot of people throughout the globe who have been unable to obtain a job. As a direct (4)_____, they have a/an (5)_____ amount of income, and unemployment is the term used to describe this condition of joblessness.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank No.4.

Ans
✘ 1. attack
✔ 2. consequence
✘ 3. sequence
✘ 4. confrontation

Question ID : **26433045716**
Status : **Answered**
Chosen Option : **2**

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Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the options given. Select the most appropriate option for each blank.
Human beings have three basic needs: food, shelter, and (1)_____. All of these requirements can be met satisfactorily only if an individual has money, and for earning this money, the individual must be employed, i. e., have a/an (2)_____ profession. (3)_____, there are a lot of people throughout the globe who have been unable to obtain a job. As a direct (4)_____, they have a/an (5)_____ amount of income, and unemployment is the term used to describe this condition of joblessness.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank No.5.

Ans

✗ 1. average

✗ 2. plentiful

✓ 3. meagre

✗ 4. minor

Question ID : **26433045717**
Status : **Answered**
Chosen Option : **3**

Section : **General Intelligence**

Q.1 In a certain code language, 'APPROACH' is written as '116161815138' and 'APPROVAL' is written as '11616181522112'. How will 'POOL' be written in that language?

Ans

✗ 1. 16141412

✗ 2. 16171712

✓ 3. 16151512

✗ 4. 16131312

Question ID : **26433045045**
Status : **Answered**
Chosen Option : **3**

Q.2 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
14 * 5 *41 * 76 * 35

Ans

✗ 1. ×,−,=,+

✓ 2. ×,+,−,=

✗ 3. −,+,=,×

✗ 4. +,×,=,−

Question ID : **26433040217**
Status : **Answered**
Chosen Option : **2**

Q.3 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
78*3*12*5*59*17*44

Ans

✓ 1. ÷,+, ×,−,+,=

✗ 2. +,=,−,+,×,÷

✗ 3. ÷,−,=,+,×,−

✗ 4. =,−,×,+,−,×

Question ID : **26433040249**
Status : **Answered**
Chosen Option : **1**

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Q.4 **Which of the following numbers will replace the question mark (?) in the given series?**
78, 112, 64, ?, 50, 140

Ans
✗ 1. 134
✓ 2. 126
✗ 3. 108
✗ 4. 116

Question ID : **26433040843**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.5 **In a certain code language, "ARE" is coded as "87", and "NOT" is coded as "4197". How will "CAT" be coded in that language?**

Ans
✗ 1. 54
✗ 2. 60
✓ 3. 57
✗ 4. 63

Question ID : **26433043509**
Status : **Not Answered**
Chosen Option : **--**

Q.6 **Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.**
13 * 5 * 3 * 3 * 2

Ans
✗ 1. –, =, +, –
✗ 2. =, +, +, ×
✗ 3. ×, =, ×, ×
✓ 4. +, =, ×, ×

Question ID : **26433040711**
Status : **Answered**
Chosen Option : **4**

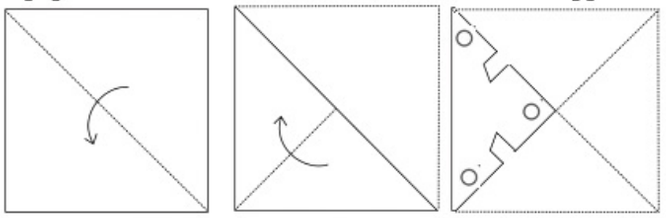
Q.7 **Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the word)**
Courage : Bravery :: Sinister : ?

Ans
✗ 1. Auspicious
✗ 2. Benevolent
✓ 3. Ominous
✗ 4. Kind

Question ID : **26433045087**
Status : **Answered**
Chosen Option : **2**

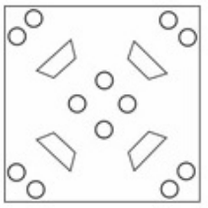
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Q.8 A paper is folded and cut as shown. How will it appear when unfolded?

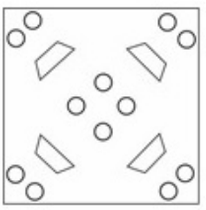


Ans

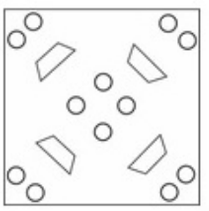
✗ 1.



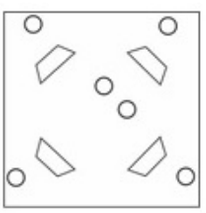
✓ 2.



✗ 3.



✗ 4.



Question ID : **26433043594**
Status : **Answered**
Chosen Option : **4**

Q.9 **Which of the following numbers will replace the question mark (?) in the given number series?**
458, 462, 446, 482, ?, 518

Ans

✗ 1. 428

✗ 2. 432

✗ 3. 546

✓ 4. 418

Question ID : **26433038604**
Status : **Not Answered**
Chosen Option : **--**

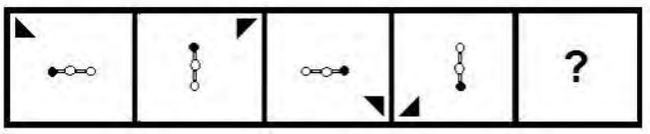
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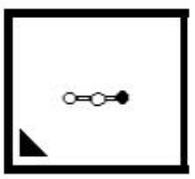
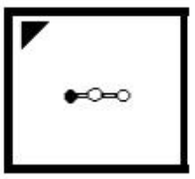
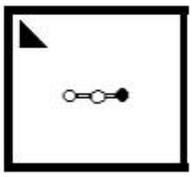
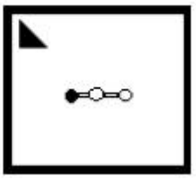
Q.10 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1.Potential
2.Posthumous
3.Postbox
4.Polymer
5.Popular

Ans
✗ 1. 5,4,3,2,1
✗ 2. 4,5,2,3,1
✓ 3. 4,5,3,2,1
✗ 4. 1,2,3,4,5

Question ID : **26433040381**
Status : **Answered**
Chosen Option : **3**

Q.11 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans
✗ 1.

✗ 2.

✗ 3.

✓ 4.


Question ID : **26433038570**
Status : **Answered**
Chosen Option : **4**

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Q.12 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1.Sourced
2.Sorrow
3.Soulful
4.Soaking
5.Somewhere

Ans
✗ 1. 5,4,3,2,1
✓ 2. 4,5,2,3,1
✗ 3. 5,4,1,2,3
✗ 4. 4,5,3,2,1

Question ID : **26433040372**
Status : **Answered**
Chosen Option : **2**

Q.13 **Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.**
57*35*44*11*13*40

Ans
✗ 1. +,–, ×,÷, =
✗ 2. ×, +, –,÷, =
✗ 3. –,+,×,÷, =
✓ 4. +, –, ÷,×, =

Question ID : **26433040600**
Status : **Answered**
Chosen Option : **4**

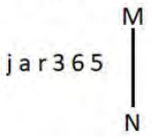
Q.14 **Two statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.**
Statements:
Some potatoes are onions.
Some onions are tomatoes.
Conclusions:
I. Some tomatoes are potatoes.
II. No tomato is a potato.

Ans
✗ 1. Only conclusion II follows
✗ 2. Only conclusion I follows
✓ 3. Either conclusion I or II follows
✗ 4. Both conclusions I and II follow

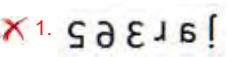
Question ID : **26433045140**
Status : **Answered**
Chosen Option : **3**

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

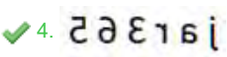


Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **26433040169**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.16 **Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?**
XUR, WTQ, VSP, URO, ?

Ans

✗ 1. TRP

✓ 2. TQN

✗ 3. SQO

✗ 4. SPM

Question ID : **26433045157**
Status : **Answered**
Chosen Option : **2**

Q.17 **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.**
10 : 0 :: 12 : ? :: 16 : 3

Ans

✗ 1. 4

✗ 2. 5

✗ 3. 3

✓ 4. 1

Question ID : **26433043441**
Status : **Answered**
Chosen Option : **4**

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Q.18 Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.



Ans

✗ 1. 

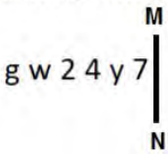
✓ 2. 

✗ 3. 

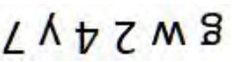
✗ 4. 

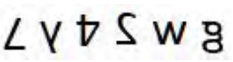
Question ID : **26433040328**
Status : **Answered**
Chosen Option : **2**

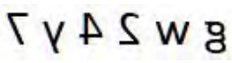
Q.19 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

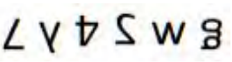


Ans

✗ 1. 

✗ 2. 

✓ 3. 

✗ 4. 

Question ID : **26433040560**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **Which of the following numbers will replace the question mark (?) in the given series?**
11, 20, 43, 94, 187, 336, 555, ?

Ans

✗ 1. 777

✗ 2. 888

✓ 3. 858

✗ 4. 758

Question ID : **26433045214**
Status : **Not Answered**
Chosen Option : **--**

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Q.21 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row: 73, 52, 75
Second row:64, 41, 63
Third row: 68, 47, ?
(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. 71
✓ 2. 69
✗ 3. 63
✗ 4. 65

Question ID : **26433043330**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Which letter cluster will replace the question mark (?) to complete the given series?
ANGE, DSBB, GXWY, ?

Ans
✗ 1. JBRV
✗ 2. JCSV
✗ 3. JBSV
✓ 4. JCRV

Question ID : **26433043518**
Status : **Answered**
Chosen Option : **4**

Q.23 In a certain code language, 'RAIN' is written as '182915' and 'SUN' is written as '192214'. How will 'MOON' be written in that language?

Ans
✗ 1. 13161415
✗ 2. 13161616
✓ 3. 13161515
✗ 4. 13161414

Question ID : **26433040756**
Status : **Answered**
Chosen Option : **3**

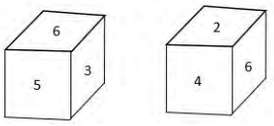
Q.24 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs, EXCEPT one. Find that odd number pair.

Ans
✓ 1. 21 : 431
✗ 2. 15 : 225
✗ 3. 13 : 169
✗ 4. 12 : 144

Question ID : **26433040654**
Status : **Answered**
Chosen Option : **1**

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Q.25 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 top if the dice is resting on '6'.



Ans
- ✗ 1. 3
- ✗ 2. 2
- ✓ 3. 1
- ✗ 4. 4

Question ID : **26433040782**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 Production of different types of cars (in thousands) in a company for years 1992 to 1996 is as follows:

Year	Type of Car				
	A	B	C	D	E
1992	160	60	84	100	76
1993	210	90	32	80	48
1994	130	30	44	95	85
1995	190	85	69	125	115
1996	260	95	120	80	120

What was the percentage of production of type-A car in 1995 to its total production over the years?

Ans
- ✗ 1. 18%
- ✓ 2. 20%
- ✗ 3. 24%
- ✗ 4. 15%

Question ID : **26433041435**
Status : **Answered**
Chosen Option : **2**

Q.2 **If the volume of a sphere is 972π cm^3, then find its radius.**

Ans
- ✗ 1. 7 cm
- ✗ 2. 6 cm
- ✓ 3. 9 cm
- ✗ 4. 8 cm

Question ID : **26433042453**
Status : **Answered**
Chosen Option : **3**

Q.3 **15 boys and a certain number of girls appeared for a test. The average score of the boys was 26; the average score of the girls was 36, while the combined average score was 30. How many girls appeared for the test?**

Ans
- ✓ 1. 10
- ✗ 2. 8
- ✗ 3. 12
- ✗ 4. 9

Question ID : **26433043924**
Status : **Answered**
Chosen Option : **1**

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Q.4 **A metallic solid cuboid of dimensions 36 cm × 18 cm × 12 cm is melted and recast in the form of cubes of side 6 cm. Find the number of cubes so formed.**

Ans
✗ 1. 38
✗ 2. 40
✗ 3. 34
✓ 4. 36

Question ID : **26433041331**
Status : **Answered**
Chosen Option : **4**

Q.5 **A pillar 11 m in radius is 21 m high. How much material was used to construct it?(Use π=22/7)**

Ans
✗ 1. 7996 m^3
✗ 2. 7886 m^3
✗ 3. 7989 m^3
✓ 4. 7986 m^3

Question ID : **26433038723**
Status : **Answered**
Chosen Option : **4**

Q.6 **From the following numbers, find the number which exactly divisible by 42.**

Ans
✗ 1. 25232
✓ 2. 25242
✗ 3. 25244
✗ 4. 25212

Question ID : **26433038672**
Status : **Answered**
Chosen Option : **2**

Q.7 Simplify $9 - [10 - \{20 - (15 - \overline{9 - 3})\}]$.

Ans
✓ 1. 10
✗ 2. 8
✗ 3. 7
✗ 4. 12

Question ID : **26433039225**
Status : **Answered**
Chosen Option : **1**

Q.8 **A man purchased a cell phone for ₹24,500 and sold it at a gain of 12.5% calculated on the selling price. The selling price of the cell phone was:**

Ans
✗ 1. ₹25,000
✓ 2. ₹28,000
✗ 3. ₹27,500
✗ 4. ₹25,500

Question ID : **26433039160**
Status : **Answered**
Chosen Option : **3**

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Q.9 **The foot of a ladder 25 m long is 7 m from the base of the building. If the top of the ladder slips by 4 m, then by how much distance will the foot of the ladder slide?**

Ans

✗ 1. 9 m

✗ 2. 7 m

✗ 3. 6 m

✓ 4. 8 m

Question ID : **26433041687**
Status : **Not Answered**
Chosen Option : **--**

Q.10 **What is the third proportion to 15 and 24?**

Ans

✗ 1. $38\frac{4}{5}$

✗ 2. $37\frac{2}{5}$

✓ 3. $38\frac{2}{5}$

✗ 4. $37\frac{4}{5}$

Question ID : **26433042434**
Status : **Answered**
Chosen Option : **3**

Q.11 Simplify the expression

$(36\,p^2 + 49\,q^2)\,(6p + 7q)\,(6p - 7q)$

Ans

✗ 1. $1296\,p^4 + 2401\,q^4$

✗ 2. $36\,p^4 - 49\,q^4$

✓ 3. $1296\,p^4 - 2401\,q^4$

✗ 4. $36\,p^4 + 49\,q^4$

Question ID : **26433041564**
Status : **Answered**
Chosen Option : **3**

Q.12 **A retailer offers a discount scheme on shirts, that is, buy 3, get 2 free. What is the discount percentage?**

Ans

✗ 1. 35%

✗ 2. 50%

✗ 3. 30%

✓ 4. 40%

Question ID : **26433042431**
Status : **Answered**
Chosen Option : **4**

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Q.13 **A can complete a piece of work in 12 days, and B can complete the same work in 36 days. In how many days will both, together, complete the work?**

Ans

✗ 1. 7

✗ 2. 8

✗ 3. 6

✓ 4. 9

Question ID : **26433044119**
Status : **Answered**
Chosen Option : **4**

Q.14 A pupil multiplied a figure by $\frac{3}{5}$ rather than $\frac{5}{3}$. What is the percentage error in the calculation?

Ans

✓ 1. 64

✗ 2. 47

✗ 3. 58

✗ 4. 52

Question ID : **26433044070**
Status : **Answered**
Chosen Option : **1**

Q.15 If $x + y + z = 0$, then what will be the value of $\left(\frac{x^2}{yz}\right) + \left(\frac{y^2}{zx}\right) + \left(\frac{z^2}{xy}\right)$?

Ans

✗ 1. $\frac{3(x^2 + y^2 + z^2)}{xyz}$

✗ 2. $x^2 + y^2 + z^2$

✗ 3. $\frac{x^2y^2z^2}{x}$

✓ 4. 3

Question ID : **26433044377**
Status : **Answered**
Chosen Option : **4**

Q.16 **The marked price of every item being sold by a wholesaler was ₹300. The wholesaler was offering a stock-clearance sale under which, for every three items paid for, one item was being given free. In addition to this, a further 10% discount on the amount payable on the 'Buy 3, Get 1 free' scheme price was being offered to anyone making purchases worth more than ₹10,000. Ramesh made purchases for which this amount payable was ₹18,000. What was the effective percentage discount that was offered to Ramesh during this transaction?**

Ans

✗ 1. 32%

✗ 2. 31.5%

✓ 3. 32.5%

✗ 4. 32.75%

Question ID : **26433043940**
Status : **Not Answered**
Chosen Option : **--**

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.17 **The average age of a group is increased by 4 years when a person of whose age is 32 years was replaced by a person whose age is 56. Find the number of people in the group**

Ans

✔ 1. 6

✗ 2. 7

✗ 3. 8

✗ 4. 9

Question ID : **26433038847**
Status : **Not Answered**
Chosen Option : **--**

Q.18 If $mx^m - nx^n = 0$ then what is the value of $\frac{1}{x^m + x^n} + \frac{1}{x^m - x^n}$ in terms of x^n?

Ans

✗ 1. $\frac{2mn}{x^n(n^2 + m^2)}$

✗ 2. $\frac{2m}{x^n(m^2 - n^2)}$

✔ 3. $\frac{2mn}{x^n(n^2 - m^2)}$

✗ 4. $\frac{2mn}{x^n(m^2 - n^2)}$

Question ID : **26433044383**
Status : **Not Answered**
Chosen Option : **--**

Q.19 **70% of students in a class are girls and 70% of the girls have chosen soccer as their favourite sport. If 98 girls have chosen soccer as their favourite sport, what is the total number of students in the class?**

Ans

✗ 1. 180

✗ 2. 225

✗ 3. 175

✔ 4. 200

Question ID : **26433043929**
Status : **Answered**
Chosen Option : **4**

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Q.20 Study the given table carefully to answer the question that follows.

The following table gives the information about the populations of five different cities in the year 2020.

City	Total Population	% of Men	% of Women	% of children
P	46800	45%	35%	20%
Q	45400	35%	50%	15%
R	42000	48%	42%	10%
S	39250	42%	42%	16%
T	46200	40%	45%	15%

In city R, among the children, the ratio of boys to girls was 2 : 3 and in city P, among the children, the ratio of boys to girls was 5 : 4. What was the total number of girls (among the children) in city P and city R together?

Ans
✔ 1. 6680
✘ 2. 4160
✘ 3. 6860
✘ 4. 4610

Question ID : **26433039541**
Status : **Answered**
Chosen Option : **1**

Q.21 **A loan of ₹8,925 is to be paid back in two equal half-yearly instalments. How much is each instalment if the interest is compounded half-yearly at 8% per annum?**

Ans
✘ 1. ₹4,372
✔ 2. ₹4,732
✘ 3. ₹4,654
✘ 4. ₹4,564

Question ID : **26433039532**
Status : **Not Answered**
Chosen Option : **--**

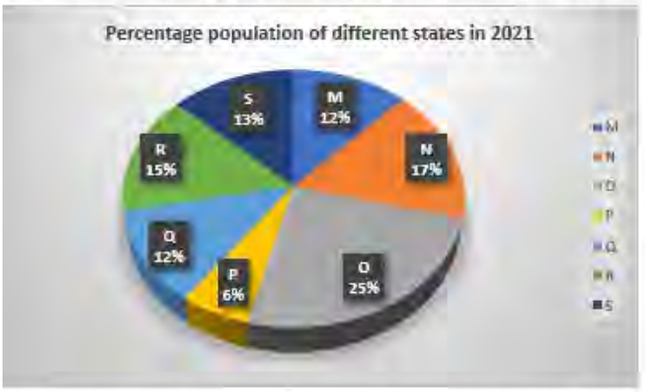
Q.22 **Ramesh drives from his home at a speed of 40 km/h and reaches his college 25 minutes late. The next day he increases his speed by 10 km/h, yet he is late by 10 minutes. How far is his college from his home?**

Ans
✔ 1. 50 km
✘ 2. 55 km
✘ 3. 45 km
✘ 4. 60 km

Question ID : **26433042447**
Status : **Not Answered**
Chosen Option : **--**

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Q.23 The following pie chart shows the percentage population of different states in the year 2021. The total population of the given states is 4879000.



The following table shows the sex wise population ratio of different states:

State	Male	Female
M	5	3
N	2	4
O	3	2
P	4	5
Q	2	3
R	4	5
S	4	5

Study the above data and answer the following question:

What is the ratio of number of females in state P to the number of females in state S?

Ans
✗ 1. 2 : 7
✗ 2. 3 : 5
✗ 3. 6 : 11
✓ 4. 6 : 13

Question ID : **26433045932**
Status : **Answered**
Chosen Option : **4**

Q.24 **In a triangle ABC, if the three sides are a=5, b=7 and c=3, what is angle B?**

Ans
✓ 1. 1200
✗ 2. 600
✗ 3. 900
✗ 4. 1500

Question ID : **26433044154**
Status : **Answered**
Chosen Option : **1**

Q.25 **In a class, there are 29 boys and 21 girls. The average score of boys in Maths is 89, whereas the average score of girls in maths is 91. What is the average of the whole class in maths?**

Ans
✗ 1. 91
✗ 2. 89
✗ 3. 91.84
✓ 4. 89.84

Question ID : **26433041517**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

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Q.1 Which of the following dances is dedicated to temples and was earlier known as Sadir?

Ans
- ✔ 1. Bharatanatyam
- ✘ 2. Kathakali
- ✘ 3. Kathak
- ✘ 4. Manipuri

Question ID : **26433041967**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Which level of the food chain includes millipede, springtails, woodlice, dung flies and slugs that feed on the dead or decaying plants or animals?

Ans
- ✘ 1. Carnivores
- ✔ 2. Detritivores
- ✘ 3. Omnivores
- ✘ 4. Herbivores

Question ID : **26433044763**
Status : **Answered**
Chosen Option : **1**

Q.3 Which of the following metals having atomic number 3 is a soft, silvery metal with very low density that reacts vigorously with water and corrodes quickly in air?

Ans
- ✘ 1. Potassium
- ✘ 2. Sodium
- ✔ 3. Lithium
- ✘ 4. Rubidium

Question ID : **26433044820**
Status : **Answered**
Chosen Option : **3**

Q.4 The Article of the Indian Constitution that deals with all the executive powers of the Governor is _____.

Ans
- ✘ 1. Article 150
- ✘ 2. Article 157
- ✔ 3. Article 154
- ✘ 4. Article 156

Question ID : **26433039645**
Status : **Answered**
Chosen Option : **3**

Q.5 Which water body covers an area of 1,55,58,000 km^2 and makes up only 4.3% of the global ocean?

Ans
- ✘ 1. Atlantic Ocean
- ✔ 2. Arctic Ocean
- ✘ 3. Southern Ocean
- ✘ 4. Indian Ocean

Question ID : **26433044886**
Status : **Not Answered**
Chosen Option : **--**

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Q.6 **In May 2021, in the MR Vijayabhaskar vs _____ case the Supreme Court observed that freedom of speech and expression also extends to reporting the proceedings that happen in courts, including oral observations made by judges.**

Ans
- ✗ 1. Comptroller and Auditor General
- ✗ 2. Chairperson of the Union Public Service Commission
- ✓ 3. Chief Election Commissioner
- ✗ 4. Speaker of the Lok Sabha

Question ID : **26433044387**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **In February 2022, who was appointed as director of National Council of Educational Research and Training (NCERT)?**

Ans
- ✗ 1. Professor Hrushikesh Senapaty
- ✓ 2. Professor Dinesh Prasad Saklani
- ✗ 3. Professor MC Sharma
- ✗ 4. Professor J S Rajput

Question ID : **26433041828**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **The Nooran Sisters are renowned for which of the following genres of Indian Music?**

Ans
- ✗ 1. Qawwali
- ✓ 2. Sufi
- ✗ 3. Ghazals
- ✗ 4. Hindustani Classical

Question ID : **26433042168**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **Muriatic acid is another name of which compound used in the production of chlorides, fertilisers, and dyes, in electroplating, and in the photographic, textile and rubber industries?**

Ans
- ✗ 1. Perchloric Acid
- ✗ 2. Sulfuric acid
- ✓ 3. Hydrochloric acid
- ✗ 4. Nitric acid

Question ID : **26433044814**
Status : **Not Answered**
Chosen Option : **--**

Q.10 **Who among the following Indian Players wrote the Autobiography named 'Playing to Win'?**

Ans
- ✗ 1. Sania Mirza
- ✗ 2. P V Sindhu
- ✓ 3. Saina Nehwal
- ✗ 4. Karnam Malleshwari

Question ID : **26433041700**
Status : **Answered**
Chosen Option : **3**

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Q.11 Yog Sunder Desai, a pioneer who ventured into the world of Indian Dance in the pre-independence era, was born on July 16, 1921 in _____.

Ans
1. Maharashtra ✗
2. Rajasthan ✗
3. Madhya Pradesh ✗
4. Gujarat ✓

Question ID : **26433044638**
Status : **Not Answered**
Chosen Option : **--**

Q.12 _____ along with his wife, herself a dancer, and their son built Srjan in 1993.

Ans
1. Pankaj Charan Das ✗
2. Kelucharan Mohapatra ✓
3. Raghunath Dutta ✗
4. Deba Prasad Das ✗

Question ID : **26433044613**
Status : **Not Answered**
Chosen Option : **--**

Q.13 What happens when an acid or a base is mixed with water?

Ans
1. Decrease in the concentration of ions (H_2O+/OH–) per unit volume ✗
2. Decrease in the concentration of ions (H_3O+/OH–) per litre volume ✗
3. increase in the concentration of ions (H_3O+/OH–) per unit volume ✗
4. Decrease in the concentration of ions (H_3O+/OH–) per unit volume ✓

Question ID : **26433039459**
Status : **Not Answered**
Chosen Option : **--**

Q.14 As per CBI submission in Supreme Court in November 2021, eight Indian states have withdrawn their 'general consent' to the CBI for conducting investigations in their territory. Which of the following states is NOT one of them?

Ans
1. Kerala ✗
2. Mizoram ✗
3. Jharkhand ✗
4. Karnataka ✓

Question ID : **26433041817**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Narthaki Nataraj, _____, becomes the first trans person to receive Padma Shri.

Ans
1. Kathak dancer ✗
2. Odissi dancer ✗
3. Manipuri dancer ✗
4. Bharatanatyam dancer ✓

Question ID : **26433044640**
Status : **Not Answered**
Chosen Option : **--**

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Q.16 Which of the following may be called as fiscal deficit?

Ans
- ✗ 1. Revenue expenditure − Revenue receipts
- ✗ 2. Capital expenditure – Capital receipts
- ✓ 3. Total expenditure – Total receipts other than borrowings
- ✗ 4. Revenue expenditure + Capital expenditure − Revenue receipts

Question ID : **26433042048**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Who is the author of the controversial novel 'Lajja'?

Ans
- ✗ 1. Arundhati Roy
- ✓ 2. Taslima Nasrin
- ✗ 3. Shobhaa De
- ✗ 4. Kiran Bedi

Question ID : **26433041917**
Status : **Not Answered**
Chosen Option : **--**

Q.18 A card of which colour is used to warn a player in Football?

Ans
- ✗ 1. Red
- ✗ 2. Blue
- ✗ 3. Green
- ✓ 4. Yellow

Question ID : **26433042200**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Who among the following is the recipient of top four civilian awards namely, Padma Shri, Padma Bhushan, Padma Vibhushan and Bharat Ratna?

Ans
- ✗ 1. Ustad Bade Ghulam Ali Khan
- ✓ 2. Ustad Bismillah Khan
- ✗ 3. Pandit Ravi Shankar
- ✗ 4. Pandit Bhimsen Joshi

Question ID : **26433041926**
Status : **Not Answered**
Chosen Option : **--**

Q.20 'Train to Pakistan' was written by _____, who also served as member of Rajya Sabha.

Ans
- ✗ 1. Mulk Raj Anand
- ✗ 2. Anita Desai
- ✓ 3. Khushwant Singh
- ✗ 4. Vikram Seth

Question ID : **26433038750**
Status : **Not Answered**
Chosen Option : **--**

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Q.21 What is the dimension of the Hockey field?

Ans
- ✔ 1. 91.4 × 55 m
- ✘ 2. 100 × 55 m
- ✘ 3. 90 × 50 m
- ✘ 4. 100.3 × 50 m

Question ID : **26433044528**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Which vegetable contains a chemical called anthocyanin that turns pink/reddish in the presence of acid, turns purple when neutral and turns blue or green when mixed with alkaline substances?

Ans
- ✘ 1. Pomegranate
- ✘ 2. Red leaf lettuce
- ✘ 3. Radish
- ✔ 4. Red cabbage

Question ID : **26433044865**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Which of the following Hindustani vocalists from Allahabad, along with her famed contemporary Gauhar Jaan, had the privilege of performing for Emperor George V at the Delhi Darbar in 1911?

Ans
- ✘ 1. Shobha Abhyankar
- ✘ 2. Annupamaa
- ✘ 3. Allah Jilai Bai
- ✔ 4. Janki Bai

Question ID : **26433042333**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Mame Khan is an Indian playback and folk singer from _____.

Ans
- ✔ 1. Rajasthan
- ✘ 2. Uttar Pradesh
- ✘ 3. Kerala
- ✘ 4. Andhra Pradesh

Question ID : **26433042260**
Status : **Not Answered**
Chosen Option : **--**

Q.25 In which state of India is the Seshachalam biosphere reserve located?

Ans
- ✘ 1. Tamil Nadu
- ✘ 2. Karnataka
- ✘ 3. Kerala
- ✔ 4. Andhra Pradesh

Question ID : **26433039668**
Status : **Not Answered**
Chosen Option : **--**