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Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Trinity 1Shri Jairam Education Society Kokta Bypass Road.
Exam Date	27/05/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL 2021 Tier I

Section : **English Language**

Q.1 **Select the most appropriate ANTONYM of the highlighted word.**
She has a penchant for art and craft.

Ans
✔ 1. hatred
✘ 2. fear
✘ 3. joy
✘ 4. anxiety

Question ID : **26433045492**
Status : **Answered**
Chosen Option : **3**

Q.2 **Select the correct homonym from the given options to fill in the blank.**
The police returned to the_____of the crime.

Ans
✔ 1. scene
✘ 2. zen
✘ 3. seen
✘ 4. cene

Question ID : **26433045543**
Status : **Answered**
Chosen Option : **1**

Q.3 **Select the most appropriate synonym of the word given in the brackets to fill in the blank.**
The western side of the country has some _____ (vacant) islands to explore.

Ans
✘ 1. unexplored
✔ 2. uninhabited
✘ 3. undesired
✘ 4. uninterested

Question ID : **26433045434**
Status : **Answered**
Chosen Option : **2**

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Q.4 **Select the INCORRECTLY spelt word.**

Ans
✔ 1. Fecilitation
✘ 2. Resplendent
✘ 3. Jingoistic
✘ 4. Segregation

Question ID : **26433040084**
Status : **Answered**
Chosen Option : **1**

Q.5 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
I goes / to the school / every day / irrespective of the weather.

Ans
✘ 1. every day
✔ 2. I goes
✘ 3. irrespective of the weather
✘ 4. to the school

Question ID : **26433040046**
Status : **Answered**
Chosen Option : **2**

Q.6 **Select the option that can be used as a one-word substitute for the underlined group of words.**
Several literary pieces of the Old English period are written by authors whose names are not known.

Ans
✘ 1. Anomalies
✔ 2. Anonymous
✘ 3. Renowned
✘ 4. Undercover

Question ID : **26433045582**
Status : **Answered**
Chosen Option : **2**

Q.7 **Select the option that will improve the underlined part of the given sentence.**
In this scene, a close-up shot was taken by the cameraman for display the emotions.

Ans
✘ 1. to show emotions
✘ 2. for show of emotions
✘ 3. in order of emotions
✔ 4. in order to display the emotions

Question ID : **26433045389**
Status : **Answered**
Chosen Option : **4**

Q.8 **Spot the error in the given sentence and select the correct sentence from the options given.**
Fatima and Sana has both taken the vaccine.

Ans
✘ 1. Fatima and Sana was both taken the vaccine.
✔ 2. Fatima and Sana have both taken the vaccine.
✘ 3. Fatima and Sana were both taken the vaccine
✘ 4. Fatima and Sana are both taken the vaccine.

Question ID : **26433040056**
Status : **Answered**
Chosen Option : **2**

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Q.9 **Select the most appropriate ANTONYM of the highlighted word.**
Hari's intimate nature has earned him many friends.

Ans
✔ 1. unfriendly
✘ 2. affectionate
✘ 3. timely
✘ 4. passionate

Question ID : **26433045480**
Status : **Answered**
Chosen Option : **1**

Q.10 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
I am not sure / if the red car / in the parking slot / is your.

Ans
✘ 1. in the parking slot
✘ 2. I am not sure
✘ 3. if the red car
✔ 4. is your

Question ID : **26433040040**
Status : **Answered**
Chosen Option : **4**

Q.11 **Select the most appropriate option to substitute the underline segment in the given sentence.**
I <u>called of</u> an explanation for his rude behaviour.

Ans
✔ 1. called out
✘ 2. called in
✘ 3. called into
✘ 4. called

Question ID : **26433042815**
Status : **Answered**
Chosen Option : **2**

Q.12 **Select the most appropriate meaning of the given idiom.**
Donkey's years

Ans
✘ 1. Leisure time
✘ 2. Bad time
✔ 3. Long time
✘ 4. Good time

Question ID : **26433043082**
Status : **Answered**
Chosen Option : **2**

Q.13 **Select the most appropriate synonym of the given word.**
Disseminate

Ans
✘ 1. Implement
✘ 2. Merge
✔ 3. Circulate
✘ 4. Facilitate

Question ID : **26433043131**
Status : **Not Answered**
Chosen Option : **--**

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Q.14 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
My boss keeps telling me / all the time / that money / doesn't grows on trees.

Ans
✗ 1. My boss keeps telling me
✗ 2. all the time
✗ 3. that money
✓ 4. doesn't grows on trees

Question ID : **26433040050**
Status : **Answered**
Chosen Option : **4**

Q.15 **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.These great leaders never escaped from their responsibilities and challenges because they knew greatness would come through great responsibilities.
B.Leadership is one of the crucial elements in the field of management because most of the time success or failure depends on the managerial skills of a leader.
C.There are not many leaders in the present world because, unlike ancient times, people are not ready to accept responsibilities.
D.Ancient India produced millions of people with leadership because it is an inner part of Indian culture to create leaders in every sphere of life. Chandragupta Mourya, Gandhi, Buddha, Bose etc. were leaders on this soil.

Ans
✗ 1. ADBC
✗ 2. BCAD
✗ 3. ADCB
✓ 4. BCDA

Question ID : **26433039811**
Status : **Answered**
Chosen Option : **4**

Q.16 **From among the words given in bold, select the INCORRECTLY spelt word in the following sentence.**
And more than the muggings, the waiting to be mugged, fearing the dark that transformed shoddy innocous side streets into giant fangs crouching, springing to demolish this one last reminder.

Ans
✗ 1. crouching
✓ 2. innocous
✗ 3. demolish
✗ 4. shoddy

Question ID : **26433043169**
Status : **Answered**
Chosen Option : **4**

Q.17 **Select the most appropriate meaning of the given idiom.**
Go to the wall

Ans
✗ 1. To become strong
✗ 2. To obtain protection
✓ 3. To fail
✗ 4. To start

Question ID : **26433039982**
Status : **Answered**
Chosen Option : **2**

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Q.18 **Select the most appropriate synonym of the given word.**
Ecstasy

Ans
✗ 1. Mourning
✓ 2. Bliss
✗ 3. Fantacy
✗ 4. Appreciation

Question ID : **26433045448**
Status : **Answered**
Chosen Option : **2**

Q.19 **Select the option that will improve the underlined part of the given sentence.**
I would like to thank you <u>for your coming out</u> tonight.

Ans
✗ 1. for comes out
✗ 2. for you came out
✓ 3. for coming out
✗ 4. for you will come out

Question ID : **26433042855**
Status : **Answered**
Chosen Option : **3**

Q.20 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
People <u>was empty out of</u> the malls and roads.

Ans
✗ 1. was emptying out of
✗ 2. were emptying of
✗ 3. was emptying of
✓ 4. were emptying out of

Question ID : **26433040127**
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.
personification gives (1) _____ qualities to non-living things or ideas. Imagery is a language used by poets, novelists and other writers to create images in the mind of the (2) _____. Rhyme scheme is the (3) _____ that is created at the end of the lines of poetry. Irony is defined as when (4) _____ meaning is completely (5) _____ from the literal meaning.

SubQuestion No : 21

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

Ans
✗ 1. supernatural
✗ 2. divine
✗ 3. animal
✓ 4. human

Question ID : **26433043179**
Status : **Answered**
Chosen Option : **4**

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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.
personification gives (1) _____ qualities to non-living things or ideas. Imagery is a language used by poets, novelists and other writers to create images in the mind of the (2) _____. Rhyme scheme is the (3) _____ that is created at the end of the lines of poetry. Irony is defined as when (4) _____ meaning is completely (5) _____ from the literal meaning.

SubQuestion No : 22

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

Ans
✗ 1. actors
✗ 2. speakers
✓ 3. readers
✗ 4. humans

Question ID : **26433043180**
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.
personification gives (1) _____ qualities to non-living things or ideas. Imagery is a language used by poets, novelists and other writers to create images in the mind of the (2) _____. Rhyme scheme is the (3) _____ that is created at the end of the lines of poetry. Irony is defined as when (4) _____ meaning is completely (5) _____ from the literal meaning.

SubQuestion No : 23

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

Ans
✓ 1. pattern
✗ 2. visual
✗ 3. word
✗ 4. idea

Question ID : **26433043181**
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.
personification gives (1) _____ qualities to non-living things or ideas. Imagery is a language used by poets, novelists and other writers to create images in the mind of the (2) _____. Rhyme scheme is the (3) _____ that is created at the end of the lines of poetry. Irony is defined as when (4) _____ meaning is completely (5) _____ from the literal meaning.

SubQuestion No : 24

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

Ans
✓ 1. actual
✗ 2. common
✗ 3. superficial
✗ 4. unintentional

Question ID : **26433043182**
Status : **Answered**
Chosen Option : **1**

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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.
personification gives (1) _____ qualities to non-living things or ideas. Imagery is a language used by poets, novelists and other writers to create images in the mind of the (2) _____. Rhyme scheme is the (3) _____ that is created at the end of the lines of poetry. Irony is defined as when (4) _____ meaning is completely (5) _____ from the literal meaning.

SubQuestion No : 25

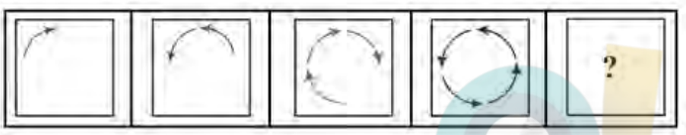
Q.25 Select the most appropriate option to fill in blank number 5.

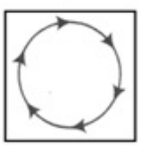
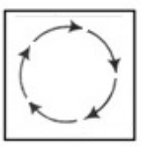
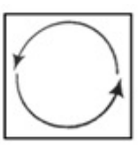
Ans
✔ 1. different
✘ 2. similar
✘ 3. parallel
✘ 4. against

Question ID : **26433043183**
Status : **Answered**
Chosen Option : **1**

Section : **General Intelligence**

Q.1 Select the figure that will replace the question mark (?) in the following figure series.



Ans
✘ 1. 
✘ 2. 
✔ 3. 
✘ 4. 

Question ID : **26433038587**
Status : **Answered**
Chosen Option : **3**

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Q.2 **Which letter-cluster will replace the question mark (?) to complete the given series?**
CFJK, JMQR, QTXY, ?, EHLM

Ans

✗ 1. XBCG

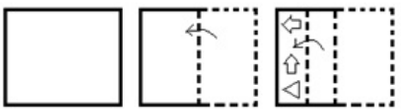
✓ 2. XAEF

✗ 3. WZDF

✗ 4. WXEF

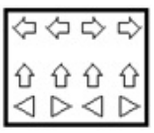
Question ID : **26433039018**
Status : **Answered**
Chosen Option : **2**

Q.3 A paper is folded and cut as shown below. How will it appear when unfolded?

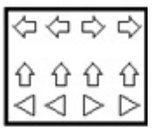


Ans

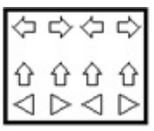
✗ 1.



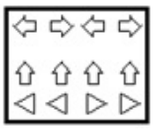
✗ 2.



✓ 3.



✗ 4.



Question ID : **26433044958**
Status : **Answered**
Chosen Option : **3**

Q.4 **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. 7 : 337

✗ 2. 5 : 120

✗ 3. 4 : 60

✗ 4. 6 : 210

Question ID : **26433039314**
Status : **Answered**
Chosen Option : **1**

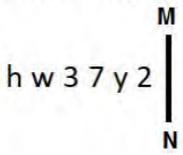
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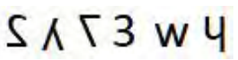
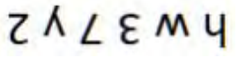
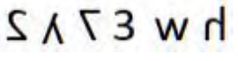
Q.5 **Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.**
ABSENT : ANESBT :: NOTIFY : NFITOY :: LAUNCH : ?

Ans
✗ 1. LCAUNH
✗ 2. LCNHAU
✗ 3. LCNUHA
✓ 4. LCNUAH

Question ID : **26433040256**
Status : **Answered**
Chosen Option : **4**

Q.6 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 : **26433040561**
Status : **Answered**
Chosen Option : **4**

Q.7 **The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.**

Ans
✓ 1. 47:2116
✗ 2. 53:2703
✗ 3. 24:528
✗ 4. 68:4488

Question ID : **26433043581**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **In a certain code language, 'BASKET' is coded as '211911520' and 'BOX' is coded as '21524'. How will 'COVER' be coded in that language?**

Ans
✗ 1. 31522519
✓ 2. 31522518
✗ 3. 21522519
✗ 4. 31822518

Question ID : **26433043410**
Status : **Answered**
Chosen Option : **2**

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Q.9 In a certain code language, 'TRAIN' is written as 'WUDLQ' and 'ROAD' is written as 'URDG'. How will 'TAXI' be written in that language?

Ans
- ✔ 1. WDAL
- ✘ 2. WEAL
- ✘ 3. WDBL
- ✘ 4. WFAL

Question ID : **26433045065**
Status : **Answered**
Chosen Option : **1**

Q.10 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs EXCEPT one. Find that odd number pair.

Ans
- ✘ 1. 48 : 168
- ✘ 2. 52 : 182
- ✘ 3. 26 : 91
- ✔ 4. 34 : 118

@Qmaths

Question ID : **26433045323**
Status : **Answered**
Chosen Option : **4**

Q.11 If 01 March 2012 was Thursday, then what was the day of the week on 01 February 2016?

Ans
- ✘ 1. Sunday
- ✔ 2. Monday
- ✘ 3. Saturday
- ✘ 4. Friday

Question ID : **26433040684**
Status : **Answered**
Chosen Option : **2**

Q.12 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.
57*35*7*14*2*43

Ans
- ✘ 1. ×, +, ÷,–, =
- ✔ 2. +,–, ×,÷, =
- ✘ 3. +, ÷,–,×, =
- ✘ 4. –,÷,+,×, =

Question ID : **26433040603**
Status : **Answered**
Chosen Option : **2**

Q.13 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.
786:7 :: 645:5 :: 282 :?

Ans
- ✘ 1. 6
- ✘ 2. 5
- ✘ 3. 8
- ✔ 4. 4

Question ID : **26433043564**
Status : **Answered**
Chosen Option : **4**

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Q.14 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 : 109 :: 7 : 71 :: 13 : ?

Ans
✗ 1. 238
✗ 2. 229
✗ 3. 218
✓ 4. 209

Question ID : **26433045228**
Status : **Answered**
Chosen Option : **4**

Q.15 In a certain code language, 'MATHS' is written as '13320819' and 'HINDI' is written as '82714427'. How will 'PHYSICS' be written in that language?

Ans
✗ 1. 168251928319
✗ 2. 168251923319
✗ 3. 168251937319
✓ 4. 168251927319

Question ID : **26433040768**
Status : **Answered**
Chosen Option : **4**

Q.16 Which of the following numbers will replace the question mark (?) in the given series?
45, 55, 72, 97, 131, ?

Ans
✗ 1. 183
✗ 2. 189
✓ 3. 175
✗ 4. 179

Question ID : **26433045226**
Status : **Answered**
Chosen Option : **3**

Q.17 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
8 : 512 :: ? : 1728 :: 18 : 5832

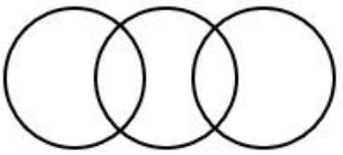
Ans
✗ 1. 8
✗ 2. 14
✓ 3. 12
✗ 4. 9

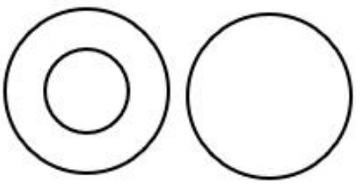
Question ID : **26433046012**
Status : **Answered**
Chosen Option : **3**

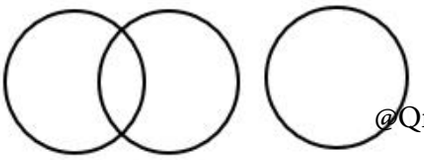
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Q.18 **Select the Venn diagram that best illustrates the relationship between the following classes.**
Hand, Feet, Chin

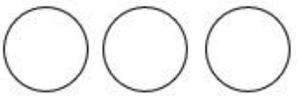
Ans

✗ 1. 

✗ 2. 

✗ 3. 

@Qmaths

✓ 4. 

Question ID : **26433040419**
Status : **Answered**
Chosen Option : **4**

Q.19 **Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.**
m n _ m n _ o m _ m_ nn o m _ m m _ n o

Ans

✓ 1. m n n m n n

✗ 2. o n n m n n

✗ 3. m n o m n n

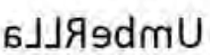
✗ 4. m n n m o o

Question ID : **26433043390**
Status : **Answered**
Chosen Option : **1**

Q.20 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

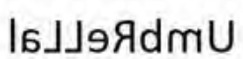


Ans

✗ 1. 

✓ 2. 

✗ 3. 

✗ 4. 

Question ID : **26433040391**
Status : **Answered**
Chosen Option : **2**

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Q.21 **Which two numbers, from amongst the given options, should be interchanged to make the given equation correct?**
15 – 4 + (8×6)÷16 + 9×3 – 7 = 31

Ans
- ✗ 1. 6 and 16
- ✓ 2. 4 and 6
- ✗ 3. 8 and 16
- ✗ 4. 4 and 3

Question ID : **26433043369**
Status : **Answered**
Chosen Option : **2**

Q.22 **If 20 February 2013 was Wednesday, then what was the day of the week on 28 February 2016?**

Ans
- ✗ 1. Wednesday
- ✓ 2. Sunday
- ✗ 3. Monday
- ✗ 4. Friday

Question ID : **26433040666**
Status : **Answered**
Chosen Option : **2**

Q.23 **Which of the following numbers will replace the question mark (?) in the given series?**
2, 22, 32, 42, 57, 87, 162, ?

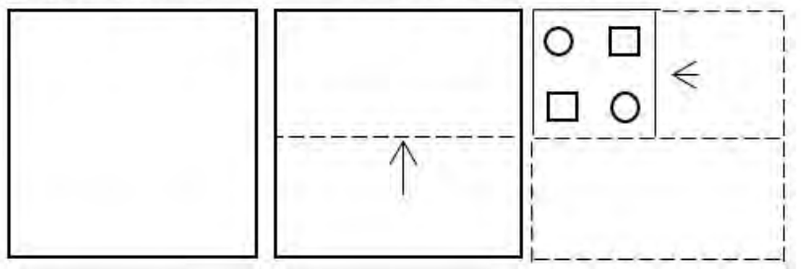
Ans
- ✓ 1. 387
- ✗ 2. 356
- ✗ 3. 365
- ✗ 4. 378

Question ID : **26433045204**
Status : **Not Answered**
Chosen Option : **--**

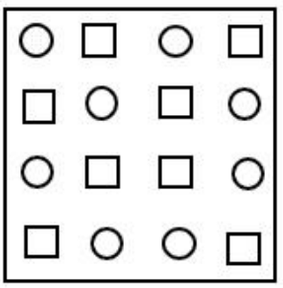
PrepXpert

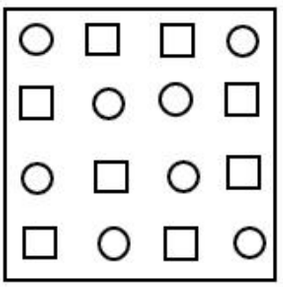
Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

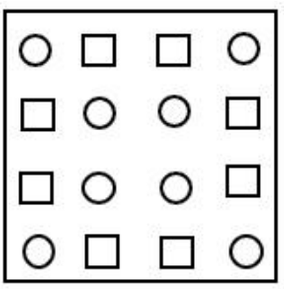
Q.24 A paper is folded and cut as shown. How will it appear when unfolded?

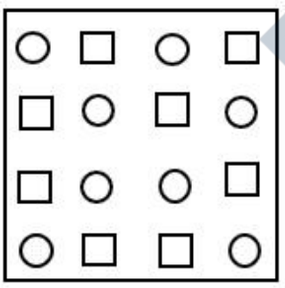


Ans

1. 

2. 

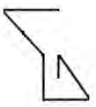
3. 

4. 

Question ID : **26433040509**
Status : **Answered**
Chosen Option : **3**

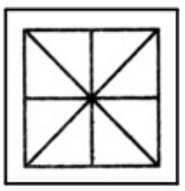
Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.25 Select the option figure which is embedded in the given figure as its part (rotation is NOT allowed).

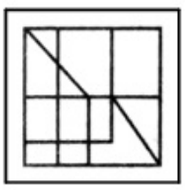


Ans

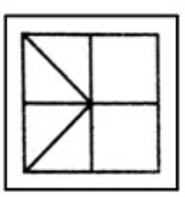
✗ 1.



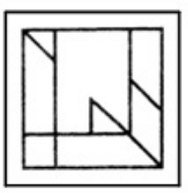
✓ 2.



✗ 3.



✗ 4.



Question ID : **26433040331**
Status : **Answered**
Chosen Option : **2**

Section : **Quantitative Aptitude**

Q.1 **The marked price of a mobile phone is ₹36,000.A shopkeeper gives a discount of 11% on the marked price. Further, if a customer purchases it through credit card the discount increases by 15%.Pooja purchases it through the credit card. How much does she pay?**

Ans

✗ 1. ₹31,000

✗ 2. ₹32,000

✗ 3. ₹30,880

✓ 4. ₹30,600

Question ID : **26433041479**
Status : **Not Answered**
Chosen Option : **--**

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Q.2 Simplify the following expression.

$$\frac{(59\times59\times59)+(54\times54\times54)+(57\times57\times57)-3(59)(54)(57)}{(59+54+57)}$$

Ans

✗ 1. 38

✗ 2. 76

✗ 3. 170

✓ 4. 19

Question ID : **26433041410**
Status : **Answered**
Chosen Option : **4**

Q.3 What is the surface area of a sphere whose diameter is 16.8 cm? [Use $\pi = \frac{22}{7}$]

Ans

✗ 1. 877.04 cm^2

✗ 2. 888.04 cm^2

✗ 3. 878.04 cm^2

✓ 4. 887.04 cm^2

@Qmaths

Question ID : **26433044304**
Status : **Answered**
Chosen Option : **4**

Q.4 **Suraj travels 124 km at a speed of 31 km/h by bus, 96 km at a speed of 16 km/h using a car, and another 105 km at 7 km/h by car. Find his average speed for the entire distance travelled.**

Ans

✓ 1. 13 km/h

✗ 2. 21 km/h

✗ 3. 15 km/h

✗ 4. 18 km/h

Question ID : **26433042441**
Status : **Answered**
Chosen Option : **1**

Q.5 **Which of the following numbers is divisible by 33?**

Ans

✗ 1. 178750

✗ 2. 164461

✓ 3. 185592

✗ 4. 171116

Question ID : **26433043922**
Status : **Answered**
Chosen Option : **3**

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Q.6 **A mobile is marked at a price 25% above its cost price. At what discount percentage should it be sold to make a 10% profit?**

Ans
- ✗ 1. 10%
- ✗ 2. 11%
- ✓ 3. 12%
- ✗ 4. 13%

Question ID : **26433042695**
Status : **Answered**
Chosen Option : **3**

Q.7 **The average weight of 52 girls is 47 kg. What will be the sum of their weights?**

Ans
- ✗ 1. 2544 kg
- ✗ 2. 2458 kg
- ✗ 3. 2454 kg
- ✓ 4. 2444 kg

Question ID : **26433038674**
Status : **Answered**
Chosen Option : **4**

Q.8 **As air is pumped into a spherical balloon, its radius increases from 7 cm to 14 cm. Find the ratio of volume of the balloon's in both circumstances.**

Ans
- ✗ 1. 2 : 5
- ✗ 2. 1 : 9
- ✓ 3. 1 : 8
- ✗ 4. 3 : 7

Question ID : **26433044058**
Status : **Answered**
Chosen Option : **3**

Q.9 **The average age of a man and his son is 56 years. The ratio of their ages is 11 : 5. What is the son's age?**

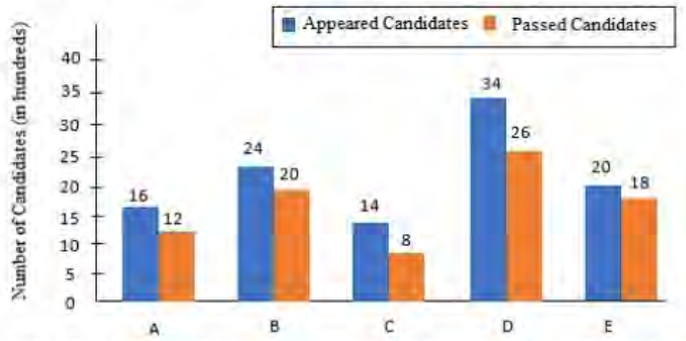
Ans
- ✗ 1. 40 years
- ✓ 2. 35 years
- ✗ 3. 30 years
- ✗ 4. 32 years

Question ID : **26433042682**
Status : **Answered**
Chosen Option : **2**

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Q.10 Study the given graph and answer the question that follows.

The graph shows the number of appeared candidates and passed candidates (in hundreds) in a test from six different institutions.



From which institution is the difference between the appeared candidates and passed candidates the maximum?

Ans
✗ 1. A
✓ 2. D
✗ 3. C
✗ 4. B

Question ID : **26433039222**
Status : **Answered**
Chosen Option : **2**

Q.11 **A loan is to be repaid in two equal yearly instalments. If the rate of interest is 10% per annum, compounded annually, and each instalment is ₹6,897, then find the total interest charged.**

Ans
✗ 1. ₹1,644
✓ 2. ₹1,824
✗ 3. ₹1,914
✗ 4. ₹1,734

Question ID : **26433042437**
Status : **Not Answered**
Chosen Option : **--**

Q.12 The value of $\frac{\sin 4\theta + \sin 2\theta}{\cos 4\theta + \cos 2\theta}$ is:

Ans
✓ 1. $\tan 3\theta$
✗ 2. $\cot 3\theta$
✗ 3. $\tan \theta$
✗ 4. $\cot \theta$

Question ID : **26433041446**
Status : **Answered**
Chosen Option : **1**

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Q.13 **Calculate the area of the quadrilateral formed with the vertices (-3,2),(5,4),(7,-6) and (-5,-4).**

Ans
- ✔ 1. 80 square units
- ✘ 2. 160 square units
- ✘ 3. 0 square units
- ✘ 4. 150 square units

Question ID : **26433041609**
Status : **Not Answered**
Chosen Option : **--**

Q.14 **A shopkeeper normally makes a profit of 20% in a certain transaction; he weighs 900 g instead of 1 kg, due to an issue with the weighing machine. If he charges 10% less than what he normally charges, what is his actual profit or loss percentage?**

Ans
- ✔ 1. 20%
- ✘ 2. 28%
- ✘ 3. 25%
- ✘ 4. 30%

Question ID : **26433041661**
Status : **Answered**
Chosen Option : **1**

Q.15 **Admissions into a commerce course of a university increase by 5% every year. If the number of admissions presently is 2400 into that course, after three years, the number of admissions is Nearest to an integer :**

Ans
- ✔ 1. 2778
- ✘ 2. 2770
- ✘ 3. 2775
- ✘ 4. 2780

Question ID : **26433044203**
Status : **Answered**
Chosen Option : **1**

Q.16 **The fourth proportional to 5, 8 and 30 is:**

Ans
- ✘ 1. 50
- ✘ 2. 60
- ✔ 3. 48
- ✘ 4. 90

Question ID : **26433039239**
Status : **Answered**
Chosen Option : **3**

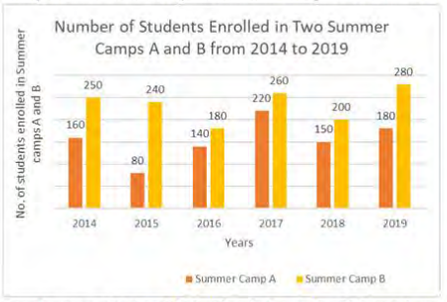
Q.17 If $x^2 + 4y^2 = 40$, $xy = 6$, and $x > 2y$, then the value of $x - 2y$ is:

Ans
- ✘ 1. 1
- ✘ 2. 3
- ✘ 3. 2
- ✔ 4. 4

Question ID : **26433042747**
Status : **Answered**
Chosen Option : **4**

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Q.18 The following Bar Chart shows the number of students enrolled in two Summer Camps A and B from 2014 to 2019.
Study the charts carefully and answer the question that follows:



For the years 2014 to 2019, what is the ratio of the total number of students enrolled for Summer Camp A to that for Summer Camp B?

Ans
✗ 1. 47 : 31
✓ 2. 31 : 47
✗ 3. 41 : 37
✗ 4. 37 : 41

@Qmaths

Question ID : **26433038634**
Status : **Answered**
Chosen Option : **2**

Q.19 Study the given table and answer the question that follows.
The table shows the number of students doing various courses in various cities.

City	MBA	MCA	M.Sc.	M.Com.	M.A.	Total
Ahmedabad	1234	1384	1440	1289	1332	6679
Bengaluru	1156	1783	1874	1003	1340	7156
Bhopal	1187	1347	1532	1321	1486	6873
Chennai	1342	1473	1129	1765	1666	7375
New Delhi	1230	1098	1128	1865	1777	7098
Hyderabad	1456	1234	1556	1653	1789	7688
Kolkata	1239	1785	1865	1504	1762	8155

Which city has maximum number of students?

Ans
✓ 1. Kolkata
✗ 2. Bhopal
✗ 3. Hyderabad
✗ 4. Chennai

Question ID : **26433038892**
Status : **Answered**
Chosen Option : **1**

Q.20 **A man and a boy together can do a certain amount of digging in 24 days. Their speeds in digging are in the ratio of 4 :3. How many days will the boy take to complete the work if engaged alone?**

Ans
✗ 1. 52 days
✗ 2. 26 days
✗ 3. 60 days
✓ 4. 56 days

Question ID : **26433039179**
Status : **Answered**
Chosen Option : **4**

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Q.21 The value of $x^2 + y^2$, when $x = 1, y = 2$ is _____.

Ans

✗ 1. 4

✓ 2. 5

✗ 3. 2

✗ 4. 1

Question ID : **26433042547**
Status : **Answered**
Chosen Option : **2**

Q.22 $9 \div [5 + 7 \div \{9 + 9 \div (9 + 9 \div 4)\}] = ?$

Ans

✗ 1. $\frac{48}{40}$

✓ 2. $\frac{63}{40}$

✗ 3. $\frac{59}{40}$

✗ 4. $\frac{37}{40}$

Question ID : **26433041511**
Status : **Answered**
Chosen Option : **2**

Q.23 **If the circumradius of an equilateral triangle is 18 cm, then the measure of its in-radius is:**

Ans

✓ 1. 9 cm

✗ 2. 3 cm

✗ 3. 10 cm

✗ 4. 12 cm

Question ID : **26433039186**
Status : **Answered**
Chosen Option : **1**

Q.24 **In a class of 45 students, there are 20 girls who scored an average of 42 marks in a test of 50 marks. If the class average is 36, what are the average marks of the boys?**

Ans

✗ 1. 32.50

✗ 2. 32.10

✗ 3. 30.80

✓ 4. 31.20

Question ID : **26433039337**
Status : **Answered**
Chosen Option : **4**

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Q.25 **A number is increased by 10% and then the increased number is decreased by 20%. The net increase or decrease is:**

Ans
1. 18% decrease
2. 2% decrease
3. 12% decrease
4. 12% increase

Question ID : **26433041659**
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

Q.1 **Who among the following cricketers won the orange cap in IPL 2021?**

Ans
1. KL Rahul
2. Venkatesh Iyer
3. Harshal Patel
4. Ruturaj Gaikwad

Question ID : **26433038926**
Status : **Answered**
Chosen Option : **1**

Q.2 **Which type of carbohydrate CANNOT be broken down by the GI tract, does not provide energy, but helps the body get rid of wastes and keeps the intestinal tract healthy?**

Ans
1. Fibre
2. Starch
3. Sugar
4. Glycogen

Question ID : **26433044837**
Status : **Answered**
Chosen Option : **1**

Q.3 **Who among the following players wrote his autobiography entitled 'The Race of My Life'?**

Ans
1. Milkha Singh
2. Mary Kom
3. Yuvraj Singh
4. Kapil Dev

Question ID : **26433041906**
Status : **Answered**
Chosen Option : **1**

Q.4 **Who among the following came up with his own style of dance called 'Hi-dance', which he later rechristened it and called it 'Creative dance'?**

Ans
1. Uday Shankar
2. Rajendra Shankar
3. Debendra Shankar
4. Ravi Shankar

Question ID : **26433044606**
Status : **Not Answered**
Chosen Option : **--**

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Q.5 Who among the following Bharatanatyam exponents received the 'Chevalier of Arts and Letters award' from the Government of France in 2004?

Ans
- ✗ 1. Mallika Sarabhai
- ✗ 2. Sonal Mansingh
- ✗ 3. Mrinalini Sarabhai
- ✓ 4. Alarmel Valli

Question ID : **26433041762**
Status : **Answered**
Chosen Option : **3**

Q.6 'An Autobiography' is the name of the autobiography of _____.

Ans
- ✓ 1. Jawaharlal Nehru
- ✗ 2. Mahatma Gandhi
- ✗ 3. Sardar Vallabhbhai Patel
- ✗ 4. Subhash Chandra Bose

Question ID : **26433041901**
Status : **Not Answered**
Chosen Option : **--**

Q.7 Who was the recipient of Nobel prize for literature in 2021?

Ans
- ✗ 1. Bob Dylan
- ✓ 2. Abdulrazak Gurnah
- ✗ 3. Peter Handke
- ✗ 4. Louise Gluck

Question ID : **26433039605**
Status : **Answered**
Chosen Option : **2**

Q.8 S Balachander a famous musician from India is known for playing which of the following instruments?

Ans
- ✗ 1. Sitar
- ✓ 2. Veena
- ✗ 3. Tabla
- ✗ 4. Ghatam

Question ID : **26433041716**
Status : **Answered**
Chosen Option : **2**

Q.9 The Kalaimamani awards are given in which of the following states of India?

Ans
- ✓ 1. Tamil Nadu
- ✗ 2. Telangana
- ✗ 3. Kerala
- ✗ 4. Odisha

Question ID : **26433042267**
Status : **Answered**
Chosen Option : **3**

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Q.10 **Which Indian sportsperson has been nominated for the prestigious Laureus World Breakthrough of the Year Award 2022?**

Ans
- ✗ 1. Mithali Raj
- ✓ 2. Neeraj Chopra
- ✗ 3. Virat Kohli
- ✗ 4. PV Sindhu

Question ID : **26433042038**
Status : **Answered**
Chosen Option : **2**

Q.11 **What is the mode of adaptation done by aquatic plants and animals where the osmotic concentration of the body fluids changes with that of the ambient air and water osmotic concentration?**

Ans
- ✗ 1. Regulate
- ✓ 2. Conform
- ✗ 3. Migrate
- ✗ 4. Suspend

Question ID : **26433039445**
Status : **Not Answered**
Chosen Option : **--**

Q.12 **Who among the following is an Indian Singer of Hindustani Classical Music?**

Ans
- ✗ 1. L Subramaniam
- ✓ 2. Shubha Mudgal
- ✗ 3. Kishan Maharaj
- ✗ 4. Dwaram Venkataswamy Naidu

Question ID : **26433041934**
Status : **Answered**
Chosen Option : **1**

Q.13 **Which river basin covers an area of 65,145 km^2, of which about 80% lies in Maharashtra?**

Ans
- ✗ 1. Krishna
- ✗ 2. Narmada
- ✗ 3. Godavari
- ✓ 4. Tapi

Question ID : **26433044797**
Status : **Answered**
Chosen Option : **3**

Q.14 **The first regional rural bank set up in India was _____.**

Ans
- ✗ 1. Grameen Bank
- ✗ 2. Aarohan Bank
- ✓ 3. Prathama Grameen Bank
- ✗ 4. Vikas Bank

Question ID : **26433042131**
Status : **Answered**
Chosen Option : **3**

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Q.15 What is the maximum number of players that can be on the field during a football match in a team?

Ans
- ✗ 1. 12
- ✗ 2. 9
- ✗ 3. 10
- ✓ 4. 11

Question ID : **26433044507**
Status : **Answered**
Chosen Option : **4**

Q.16 Which violinist was conferred Pt. Bhimsen Joshi Lifetime Achievement Award for 2021?

Ans
- ✗ 1. Lalgudi Vijaylakshmi
- ✗ 2. Nandini Muthuswamy
- ✓ 3. N Rajam
- ✗ 4. Jyotsna Srikanth

Question ID : **26433044588**
Status : **Not Answered**
Chosen Option : **--**

Q.17 The first playback song in Hindi Movies was recorded by music directors RC Boral and Pankaj Mullick in which year?

Ans
- ✗ 1. 1939
- ✗ 2. 1941
- ✗ 3. 1943
- ✓ 4. 1935

Question ID : **26433041737**
Status : **Not Answered**
Chosen Option : **--**

Q.18 _____ government launched Dayanand Social Security Scheme 2022 for senior citizens, single women, disabled persons and HIV/AIDS patients.

Ans
- ✓ 1. Goa
- ✗ 2. Kerala
- ✗ 3. Karnataka
- ✗ 4. Maharashtra

Question ID : **26433044421**
Status : **Answered**
Chosen Option : **2**

Q.19 Which of the following is NOT a federal feature of the Indian Constitution?

Ans
- ✗ 1. Dual Government
- ✗ 2. Division of Powers
- ✓ 3. All India Services
- ✗ 4. Written Constitution

Question ID : **26433038729**
Status : **Answered**
Chosen Option : **1**

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Q.20 **In 1869, who named a new term 'Oecologie'that defined the study of the relationship of organisms with their environment?**

Ans
- ✗ 1. Charles Elton
- ✓ 2. Ernst Haeckel
- ✗ 3. Eugene Odum
- ✗ 4. Arthur Tansley

Question ID : **26433044761**
Status : **Answered**
Chosen Option : **2**

Q.21 **In which year was the Board of Control for Cricket in India established**

Ans
- ✗ 1. 1958
- ✗ 2. 1938
- ✓ 3. 1928
- ✗ 4. 1948

Question ID : **26433042194**
Status : **Answered**
Chosen Option : **3**

Q.22 **Shobana Chandrakumar, a recipient of Padma Shri, is a dancer of which of the following Indian classical dance forms?**

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

Question ID : **26433042270**
Status : **Answered**
Chosen Option : **3**

Q.23 **One of the important minerals for the generation of nuclear energy is:**

Ans
- ✓ 1. uranium
- ✗ 2. mica
- ✗ 3. manganese
- ✗ 4. coal

Question ID : **26433039657**
Status : **Answered**
Chosen Option : **1**

Q.24 **What type of trees are found in the northern central Himalayan range (1801 to 3001 m) and the southern Nilgiri high mountain ranges?**

Ans
- ✓ 1. Oak, Junipers, Maple
- ✗ 2. Kusum, Arjun, Mulberry
- ✗ 3. Rosewood, Mahogany, Bamboo
- ✗ 4. Teak, Sal, Peepal

Question ID : **26433044855**
Status : **Answered**
Chosen Option : **4**

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Q.25 **Which group of animals has a body wall composed of both circular and longitudinal muscle fibres surrounded by a moist, cellular cuticle that is secreted by an epidermal epithelium?**

Ans

1. Arthropoda
2. Annelida
3. Platyhelminthes
4. Coelenterata

Question ID : **26433044739**
Status : **Not Answered**
Chosen Option : **--**

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