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Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	Shiv Jyoti International School
Exam Date	10/06/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL 2021 Tier I

Section : **English Language**

Q.1 **Select the most appropriate synonym of the given word.**
Affront

Ans
✗ 1. Depress
✗ 2. Fail
✓ 3. Insult
✗ 4. Tolerate

Question ID : **26433043130**
Status : **Not Answered**
Chosen Option : **--**

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

Ans
✗ 1. Particular
✓ 2. Queu
✗ 3. Recommend
✗ 4. Opposition

Question ID : **26433039857**
Status : **Answered**
Chosen Option : **2**

Q.3 **Spot the error in the given sentence and select the correct sentence from the options given.**
As soon as we went for an afternoon siesta, my pet rabbit Tia digged a huge hole right in the middle of the lawn.

Ans
✗ 1. As soon as we were going for an afternoon siesta, my pet rabbit Tia digged a huge hole right in the middle of the lawn.
✓ 2. As soon as we went for an afternoon siesta, my pet rabbit Tia dug a huge hole right in the middle of the lawn.
✗ 3. As soon as we gone for an afternoon siesta, my pet rabbit Tia digged a huge hole right in the middle of the lawn.
✗ 4. As soon as we gone for an afternoon siesta, my pet rabbit Tia dug a huge hole right in the middle of the lawn.

Question ID : **26433040059**
Status : **Answered**
Chosen Option : **2**

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Q.4 **Select the option that expresses the given sentence in active voice.**
My pocket has been picked.

Ans
✗ 1. Someone's pocket has been picked by me.
✗ 2. Someone had my pocket picked.
✓ 3. Someone has picked my pocket.
✗ 4. I picked someone's pocket.

Question ID : **26433042900**
Status : **Answered**
Chosen Option : **3**

Q.5 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

She should run <u>the fast</u> to win the race.

Ans
✓ 1. the fastest
✗ 2. more fast
✗ 3. a fastest
✗ 4. the faster

Question ID : **26433042780**
Status : **Answered**
Chosen Option : **2**

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

Ans
✗ 1. Commodious
✗ 2. Iniquitous
✗ 3. Scrumptious
✓ 4. Esurient

Question ID : **26433043054**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **Select the most appropriate meaning of the given idiom.**
Strain every nerve

Ans
✗ 1. To have ill health
✗ 2. To feel physical pain
✓ 3. To try extremely hard to do something
✗ 4. To fight with friends

Question ID : **26433039780**
Status : **Answered**
Chosen Option : **3**

Q.8 **Select the most appropriate option to fill in the blank.**
I never could quite get the idea _____ my mind that I should do some teaching, yet I felt a great deal of satisfaction with the pastorate.

Ans
✓ 1. out of
✗ 2. out act
✗ 3. out come
✗ 4. out cast

Question ID : **26433040134**
Status : **Answered**
Chosen Option : **1**

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Q.9 **Select the most appropriate option that can substitute the underlined words in the given sentence.**
After wearing the complete sports gear, he looked lean, tough, and sinewy.

Ans
1. a toughie
2. wirey
3. wiry ✓
4. dewy

Question ID : **26433045440**
Status : **Not Answered**
Chosen Option : **--**

Q.10 **Identify the option that arranges the given parts in the correct order to form a meaningful and coherent paragraph.**
a) PB Shelly was an English poet.
b) He was expelled from Oxford for publishing a tract entitled 'The Necessity of Atheism'.
c) He detested tyranny and institutionalised servitude.
d) Born into a wealthy upper-class family.

Ans
1. d,c,a,b
2. a,d,c,b ✓
3. a,b,c,d
4. c,a,b,d

Question ID : **26433039890**
Status : **Answered**
Chosen Option : **2**

Q.11 **Select the option that will improve the underlined part of the given sentence.**
The movie I watched last Saturday was much better interesting than the one I watched today.

Ans
1. much more interesting ✓
2. much interesting
3. much lesser interesting
4. much good interesting

Question ID : **26433043003**
Status : **Answered**
Chosen Option : **1**

Q.12 **Select the INCORRECTLY spelt word.**

Ans
1. Humiliate
2. Ignorant
3. Intelligent
4. Fassinate ✓

Question ID : **26433039866**
Status : **Answered**
Chosen Option : **4**

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Q.13 **In the following questions a statement has been given with highlighted text. Select the options that can replace the text with correct idiom or phrase.**
His mentor understood the deep anguish the student was going through without him being informed about it.

Ans
✗ 1. Break a leg
✗ 2. In the fast lane
✓ 3. Read between the lines
✗ 4. Down for the count

Question ID : **26433045505**
Status : **Answered**
Chosen Option : **3**

Q.14 **Select the correctly spelt word to fill in the blank.**
I really admire his _____ to fulfil his dream to join navy.

Ans
✗ 1. persistance
✗ 2. parsistance
✓ 3. persistence
✗ 4. parcistanse

Question ID : **26433042953**
Status : **Answered**
Chosen Option : **3**

Q.15 **Select the option that can be used as a one-word substitute for the given group of words.**
Looking or sounding foreign, bizarre, strange, unfamiliar

Ans
✗ 1. Outlaw
✗ 2. Outlay
✗ 3. Outlast
✓ 4. Outlandish

Question ID : **26433040104**
Status : **Answered**
Chosen Option : **4**

Q.16 **Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.**
She <u>has returned</u> from Delhi a month ago.

Ans
✗ 1. No substitution required
✗ 2. would returned
✓ 3. returned
✗ 4. was returned

Question ID : **26433039923**
Status : **Answered**
Chosen Option : **3**

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

Ans
✗ 1. Slack
✗ 2. Abstract
✗ 3. Gallant
✓ 4. Exciting

Question ID : **26433039957**
Status : **Not Answered**
Chosen Option : **--**

Q.18 **Select the most appropriate meaning of the given idiom.**
Jump the gun

Ans
✗ 1. To waste your money
✗ 2. To do something stupid
✗ 3. To defeat an opponent
✓ 4. To do something too soon

Question ID : **26433039998**
Status : **Not Answered**
Chosen Option : **--**

Q.19 **Select the most appropriate ANTONYM of the given word.**
Siege

Ans
✗ 1. Deference
✗ 2. Trance
✓ 3. Clearance
✗ 4. Inference

Question ID : **26433045482**
Status : **Answered**
Chosen Option : **3**

Q.20 **Select the most appropriate synonym of the word given in the brackets to fill in the blank.**
When the lady answered the knock at her door she found a _____ (destitute) man.

Ans
✗ 1. replete
✗ 2. polite
✓ 3. indigent
✗ 4. greedy

Question ID : **26433045438**
Status : **Answered**
Chosen Option : **2**

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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.
First of all, planting trees should be given (1) _____ attention. Above all, tree is the (2) _____ of oxygen. Unfortunately, due to (3) _____ of buildings many trees have been cut down. This (4) _____ reduces the amount of oxygen in the environment. Growing (5) _____ trees means (5) _____ oxygen. Hence, growing more trees would mean better life quality.

SubQuestion No : 21

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

Ans
✗ 1. lesser
✓ 2. massive
✗ 3. trivial
✗ 4. minor

Question ID : **26433045833**
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.
First of all, planting trees should be given (1) _____ attention. Above all, tree is the (2) _____ of oxygen. Unfortunately, due to (3) _____ of buildings many trees have been cut down. This (4) _____ reduces the amount of oxygen in the environment. Growing (5) _____ trees means (5) _____ oxygen. Hence, growing more trees would mean better life quality.

SubQuestion No : 22

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

Ans
✓ 1. source
✗ 2. base
✗ 3. foundation
✗ 4. tank

Question ID : **26433045834**
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.
First of all, planting trees should be given (1) _____ attention. Above all, tree is the (2) _____ of oxygen. Unfortunately, due to (3) _____ of buildings many trees have been cut down. This (4) _____ reduces the amount of oxygen in the environment. Growing (5) _____ trees means (5) _____ oxygen. Hence, growing more trees would mean better life quality.

SubQuestion No : 23

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

Ans
✗ 1. planning
✗ 2. destruction
✓ 3. construction
✗ 4. renovation

Question ID : **26433045835**
Status : **Answered**
Chosen Option : **3**

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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.
First of all, planting trees should be given (1) _____ attention. Above all, tree is the (2) _____ of oxygen. Unfortunately, due to (3) _____ of buildings many trees have been cut down. This (4) _____ reduces the amount of oxygen in the environment. Growing (5) _____ trees means (5) _____ oxygen. Hence, growing more trees would mean better life quality.

SubQuestion No : 24

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

Ans
✔ 1. certainly
✘ 2. doubtfully
✘ 3. rarely
✘ 4. hardly

Question ID : **26433045836**
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.
First of all, planting trees should be given (1) _____ attention. Above all, tree is the (2) _____ of oxygen. Unfortunately, due to (3) _____ of buildings many trees have been cut down. This (4) _____ reduces the amount of oxygen in the environment. Growing (5) _____ trees means (5) _____ oxygen. Hence, growing more trees would mean better life quality.

SubQuestion No : 25

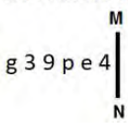
Q.25 Select the most appropriate option to fill in blank number 5.

Ans
✘ 1. no, more
✔ 2. more, more
✘ 3. less, more
✘ 4. more, less

Question ID : **26433045837**
Status : **Answered**
Chosen Option : **2**

Section : **General Intelligence**

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



Ans
✘ 1. ⅁ ɘ d 6 Ɛ ƃ
✔ 2. ⅁ ɘ q ɐ Ɛ ƃ
✘ 3. ⅁ ɘ p ɐ Ɛ ƃ
✘ 4. ⅂ ɘ q 6 Ɛ ƃ

Question ID : **26433040827**
Status : **Answered**
Chosen Option : **2**

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Q.2 **Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?**
AYC, EUG, IQK, MMO, ?

Ans
1. IQS
2. QIS ✓
3. SIQ
4. ISQ

Question ID : **26433045160**
Status : **Answered**
Chosen Option : **2**

Q.3 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1.Perilous
2.Pessimist
3.Pedestrian
4.Perceive
5.Perfect
6.Peasant

Ans
1. 6, 4, 3, 1, 2, 5
2. 6, 3, 4, 5, 1, 2 ✓
3. 3, 6, 5, 4, 2, 1
4. 3, 5, 4, 6, 1, 2

Question ID : **26433039291**
Status : **Answered**
Chosen Option : **2**

Q.4 **Select the option that represents the letters that, when placed from left to right in the blanks, will complete the letter series.**
M _ W Q U N S _ Q U O S W _ U P S _ Q _

Ans
1. S Q U W W
2. S Q W U W
3. S W Q W U ✓
4. S W Q U W

Question ID : **26433040425**
Status : **Answered**
Chosen Option : **3**

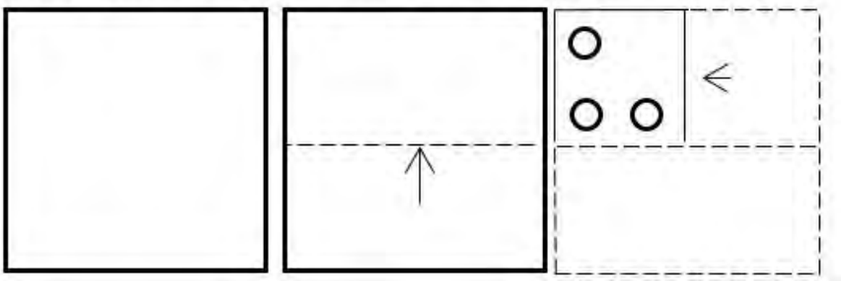
Q.5 **The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.**

Ans
1. 678:7
2. 282:6 ✓
3. 366:5
4. 546:5

Question ID : **26433043580**
Status : **Answered**
Chosen Option : **2**

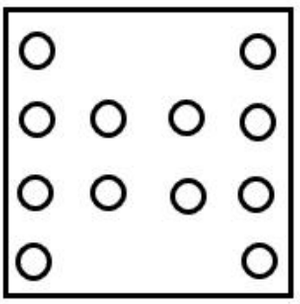
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Q.6 A paper is folded and cut as shown. How will it appear when unfolded?

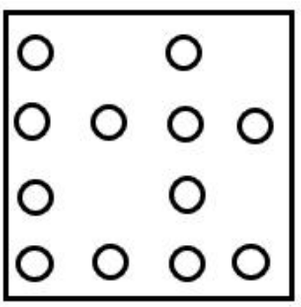


Ans

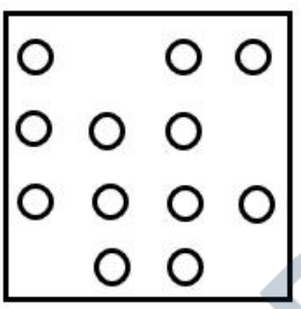
✔ 1.



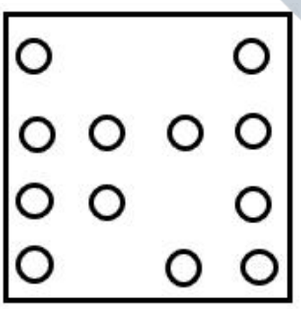
✗ 2.



✗ 3.



✗ 4.



Question ID : **26433040512**
Status : **Answered**
Chosen Option : **1**

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Q.7 **Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.**
42*19*4*69*81*9*58

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

Question ID : **26433040237**
Status : **Answered**
Chosen Option : **1**

Q.8 **Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.**
40*2*15*30*5

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

Question ID : **26433040200**
Status : **Answered**
Chosen Option : **4**

Q.9 **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. 40 : 240
✘ 2. 25 : 150
✔ 3. 35 : 280
✘ 4. 30 : 180

Question ID : **26433040651**
Status : **Answered**
Chosen Option : **3**

Q.10 **Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.**
27 : 99 :: 21 : ? :: 13 : 43

Ans
✔ 1. 75
✘ 2. 64
✘ 3. 87
✘ 4. 82

Question ID : **26433045040**
Status : **Not Answered**
Chosen Option : **--**

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Q.11 **The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) is/are followed in all the number-pairs, except one. Find that odd number-pair.**

Ans

✗ 1. 12:121

✗ 2. 6:25

✓ 3. 9:100

✗ 4. 8:49

Question ID : **26433040196**
Status : **Answered**
Chosen Option : **3**

Q.12 **Study the given pattern carefully and select the number that can replace the question mark (?) in it.**
First row:5, 9, 56
Second row: 4, 7, 33
Third row:10,11,?
(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. 30

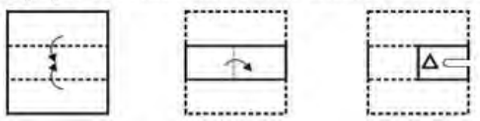
✗ 2. 26

✗ 3. 23

✓ 4. 21

Question ID : **26433043337**
Status : **Answered**
Chosen Option : **4**

Q.13 A paper is folded and cut as shown below. How will it appear when unfolded?



Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : **26433045185**
Status : **Answered**
Chosen Option : **1**

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Q.14 In a certain code language, 'MAP' is written as 'QBN' and 'LEAP' is written as 'QBFM'. How will 'CROWN' be written in that language?

Ans
- ✗ 1. OXPDS
- ✓ 2. OXPSD
- ✗ 3. OPDXS
- ✗ 4. ODXSP

Question ID : **26433040687**
Status : **Answered**
Chosen Option : **2**

Q.15 Three statements are given, followed by three conclusions numbered I, II and III. 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 boxes are houses.
Some houses are tents.
Some tents are castles.
Conclusions:
I. Some castles are houses.
II. Some tents are houses.
III. Some castles are boxes.

Ans
- ✗ 1. Only conclusions I and II follow
- ✗ 2. Only conclusion I follows
- ✓ 3. Only conclusion II follows
- ✗ 4. Only conclusions I and III follow

Question ID : **26433040738**
Status : **Answered**
Chosen Option : **3**

Q.16 Seven friends P, Q, R, S, T, U and V, each has a different height. P is taller than only U and R. R is taller than U. Q is taller than S but shorter than T. T is not the tallest among all. The height of how many people is between the heights of Q and R?

Ans
- ✗ 1. 3
- ✗ 2. 1
- ✓ 3. 2
- ✗ 4. 0

Question ID : **26433043464**
Status : **Answered**
Chosen Option : **3**

Q.17 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row- 5, 16, 77
Second row- 13, 12, ?
Third row- 8, 19, 149
(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. 157
- ✓ 2. 153
- ✗ 3. 151
- ✗ 4. 155

Question ID : **26433045246**
Status : **Answered**
Chosen Option : **2**

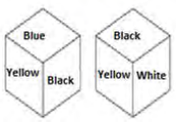
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Q.18 **Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term.**
6 : 40 :: ? : 148 :: 3 : 13.

Ans
✗ 1. 13
✓ 2. 12
✗ 3. 17
✗ 4. 14

Question ID : **26433046001**
Status : **Answered**
Chosen Option : **2**

Q.19 Two different positions of the same dice are shown, the six faces of which are coloured Red, Green, Blue, Yellow, Black, White. Select the colour that will be on the face opposite to the one coloured Blue.



Ans
✗ 1. Green
✓ 2. White
✗ 3. Black
✗ 4. Red

Question ID : **26433040188**
Status : **Answered**
Chosen Option : **2**

Q.20 **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.**
GAINS : SNIAG :: ANVIL : LIVNA :: INBOX : ?

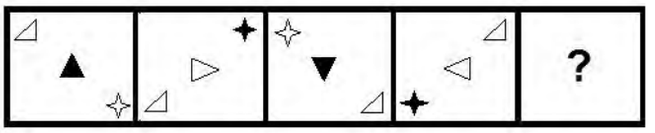
Ans
✓ 1. XOBNI
✗ 2. BINOX
✗ 3. ONBIX
✗ 4. OXBIN

Question ID : **26433040268**
Status : **Answered**
Chosen Option : **1**

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Q.21 Select the figure from among the given options that can replace the question mark (?) in the following series.

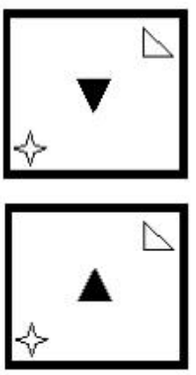


Ans

✗ 1.



✗ 2.



✗ 3.

✓ 4.



Question ID : **26433045011**
Status : **Answered**
Chosen Option : **4**

Q.22 **Which of the following numbers will replace the question mark (?) in the given series?**
283, 359, 428, 490, 545, ?

Ans

✓ 1. 593

✗ 2. 613

✗ 3. 600

✗ 4. 563

Question ID : **26433043257**
Status : **Answered**
Chosen Option : **1**

Q.23 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1.Dictation
2.Dictator
3.Distribute
4.Decadent
5.Distilled

Ans

✗ 1. 4,3,1,2,5

✗ 2. 4,2,1,3,5

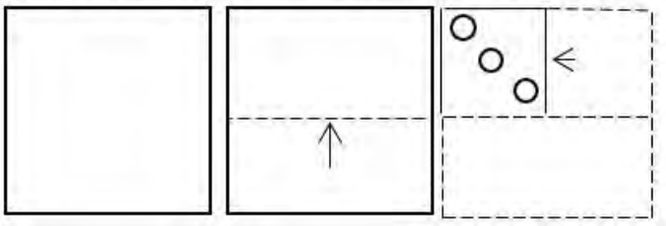
✗ 3. 4,1,2,3,5

✓ 4. 4,1,2,5,3

Question ID : **26433040363**
Status : **Answered**
Chosen Option : **4**

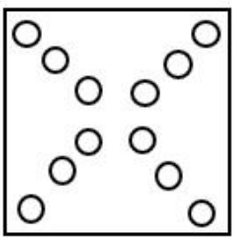
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Q.24 A paper is folded and cut as shown. How will it appear when unfolded?

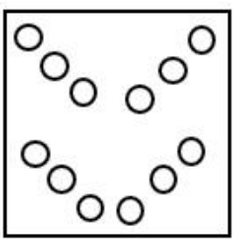


Ans

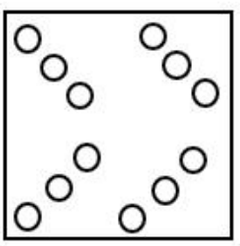
✔ 1.



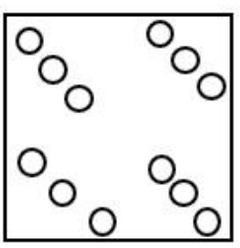
✗ 2.



✗ 3.



✗ 4.



Question ID : **26433040502**
Status : **Answered**
Chosen Option : **1**

Q.25 **In a certain code language, "EASY" is written as "YAES", and "KIND" is written as "DIKN". How will "SOME" be written in that language?**

Ans

✗ 1. ESOM

✔ 2. EOSM

✗ 3. EOMS

✗ 4. OESM

Question ID : **26433043481**
Status : **Answered**
Chosen Option : **2**

Section : **Quantitative Aptitude**

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Q.1 Based on the data given in the following table find the arithmetic mean of the marks obtained out of 10 in a class test by the students of a class.

Marks obtained out of 10 in a class test	Frequency
0	3
1	2
2	2
3	4
4	6
5	7
6	7
7	5
8	3
9	4
10	2
Total frequency	

Ans

✗ 1. 5.1

✗ 2. 5.4

✓ 3. 5.2

✗ 4. 5

Question ID : **26433044299**
Status : **Answered**
Chosen Option : **3**

Q.2 Simplify the following expression.

$$\left(\frac{1}{2}\times\frac{1}{2}\times\frac{1}{2}\right)+\left(\frac{3}{2}\times\frac{3}{2}\times\frac{3}{2}\right)+(6\times6\times6)+3\left(\frac{1}{2}+\frac{3}{2}\right)\left(\frac{1}{2}+6\right)\left(6+\frac{3}{2}\right)$$

Ans

✗ 1. 521

✗ 2. 64

✓ 3. 512

✗ 4. 256

Question ID : **26433041411**
Status : **Answered**
Chosen Option : **3**

Q.3 A vendor bought oranges at 5 for ₹15 and sold them at 3 for ₹5. Find his loss percent.

Ans

✗ 1. $41\frac{4}{9}\%$

✗ 2. $42\frac{4}{9}\%$

✗ 3. $43\frac{4}{9}\%$

✓ 4. $44\frac{4}{9}\%$

Question ID : **26433042691**
Status : **Answered**
Chosen Option : **4**

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Q.4 For the first part of her journey,Sunita travelled at a speed of 450 m/min and,for the rest of the journey, at a speed 1.4 times of her initial speed. If Sunita travelled a total distance of 33.3 km in 1hour, what was the distance that Sunita travelled at a lower speed?

Ans
- ✗ 1. 11.50 km
- ✗ 2. 11.15 km
- ✓ 3. 11.25 km
- ✗ 4. 11.20 km

Question ID : **26433043953**
Status : **Not Answered**
Chosen Option : **--**

Q.5 40 men can complete a piece of work in 18 days. 9 days after they start working together, 5 more men join them. How many days will they now take to complete the remaining work?

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

Question ID : **26433038891**
Status : **Answered**
Chosen Option : **2**

Q.6 A sum of money is invested at a rate of compounded interest that is paid out yearly. In the first two years, the interest was ₹400 and ₹420 respectively.The sum is:

Ans
- ✗ 1. ₹7,500
- ✗ 2. ₹9,530
- ✓ 3. ₹8,000
- ✗ 4. ₹8,765

Question ID : **26433044041**
Status : **Answered**
Chosen Option : **3**

Q.7 A man spends 20% of his monthly salary on food and one-fourth of the remaining salary on charity. If he saves ₹9,600 per month, which is equal to half of the balance after spending on food and charity, then his monthly salary is:

Ans
- ✗ 1. ₹28,000
- ✓ 2. ₹32,000
- ✗ 3. ₹26,000
- ✗ 4. ₹30,000

Question ID : **26433041421**
Status : **Answered**
Chosen Option : **2**

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Q.8 What is the length of the arc of a circle whose radius is 35 cm and arc subtends an angle of 36° at the centre of the circle? (Take π=22/7)

Ans

✗ 1. 44 cm

✓ 2. 22 cm

✗ 3. 10 cm

✗ 4. 220 cm

Question ID : **26433041392**
Status : **Answered**
Chosen Option : **2**

Q.9 Calculate the third proportional to 4, 15 and 24.

Ans

✓ 1. $\frac{32}{5}$

✗ 2. $\frac{29}{5}$

✗ 3. $\frac{21}{5}$

✗ 4. $\frac{26}{5}$

Question ID : **26433041529**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Using the formula $\tan\frac{x}{2}=\frac{1-\cos x}{\sin x}$, find the value of $\tan 22.5°$.

Ans

✓ 1. $\sqrt{2}-1$

✗ 2. $\sqrt{2}+1$

✗ 3. $\frac{\sqrt{3}+\sqrt{2}}{2}$

✗ 4. $\frac{\sqrt{3}-\sqrt{2}}{2}$

Question ID : **26433044328**
Status : **Answered**
Chosen Option : **1**

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Q.11 Amount invested in Raw Materials (in lakh rupees)



What is the average amount invested in raw materials from year 1997 to 1999?

Ans
- ✗ 1. ₹310 lakh
- ✗ 2. ₹330 lakh
- ✗ 3. ₹400 lakh
- ✓ 4. ₹410 lakh

Question ID : **26433041607**
Status : **Answered**
Chosen Option : **4**

Q.12 Find the value of 'a' using the concept of BODMAS.
$42 \div 2 + a \times 3 - 22 = 8$

Ans
- ✗ 1. 4
- ✗ 2. 6
- ✗ 3. 5
- ✓ 4. 3

Question ID : **26433042502**
Status : **Answered**
Chosen Option : **4**

Q.13 In an examination, the Average marks of 7 children was 20, that of 3 children was 45, that of another 4 children was 15 and that of 2 children was 0. What is the average marks of all the 16 children? (Correct to one decimal place)

Ans
- ✗ 1. 20
- ✓ 2. 20.9
- ✗ 3. 4
- ✗ 4. 4.9

Question ID : **26433043909**
Status : **Answered**
Chosen Option : **2**

Q.14 A washing machine is sold at a discount of 10% on its marked price. A further discount of 5% on the initial selling price is offered if a person makes the payment in cash. If the marked price of the machine is ₹54,000, how much will a customer paying in cash have to pay for purchasing it?

Ans
- ✗ 1. ₹46,200
- ✗ 2. ₹45,800
- ✓ 3. ₹46,170
- ✗ 4. ₹46,000

Question ID : **26433039122**
Status : **Answered**
Chosen Option : **3**

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Q.15 The length, breadth and height of a room are 7 m, 4 m and 9 m, respectively. Find the cost of whitewashing the walls of the room and the ceiling at the rate of ₹7.50 per m^2.

Ans
✗ 1. ₹1,965
✓ 2. ₹1,695
✗ 3. ₹1,968
✗ 4. ₹1,698

Question ID : **26433039545**
Status : **Answered**
Chosen Option : **2**

Q.16 Find the selling price of an article if a shopkeeper allows two successive discounts of 5% each on the marked price of ₹80.

Ans
✗ 1. ₹76.60
✗ 2. ₹72
✓ 3. ₹72.20
✗ 4. ₹74.40

Question ID : **26433044349**
Status : **Answered**
Chosen Option : **3**

Q.17 Which of the following numbers is NOT divisible by 15?

Ans
✗ 1. 2595
✗ 2. 3195
✗ 3. 3465
✓ 4. 2995

Question ID : **26433039513**
Status : **Answered**
Chosen Option : **4**

Q.18 If $\sin\theta = \frac{\sqrt{3}}{2}$, and θ is an acute angle, find the value of $\cos 3\theta$.

Ans
✗ 1. $\frac{1}{2}$
✗ 2. 1
✓ 3. -1
✗ 4. 0

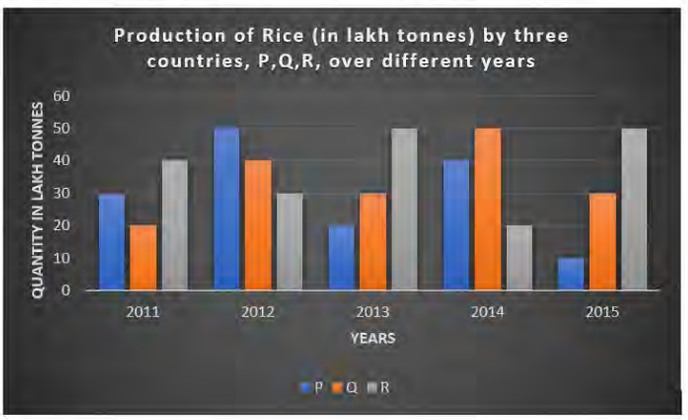
Question ID : **26433042739**
Status : **Answered**
Chosen Option : **3**

Q.19 Simplify $(5 \times 5 \times 5 \times 5 \times 5)^5 \times (5 \times 5 \times 5)^5 \div 5 = (125)^?$.

Ans
✗ 1. 15
✗ 2. 21
✓ 3. 13
✗ 4. 14

Question ID : **26433039271**
Status : **Answered**
Chosen Option : **3**

Q.20 Study the given graph and answer the question that follows.



For which of the following years was the percentage rise/fall in production from the previous year maximum for country R?

Ans
✗ 1. 2013
✗ 2. 2011
✗ 3. 2012
✓ 4. 2015

Question ID : **26433044123**
Status : **Answered**
Chosen Option : **4**

Q.21 **If the length, breadth and height of a cuboid are 7.5 m, 22 m and 13 m, respectively, then find the volume of the cuboid.**

Ans
✓ 1. 2145 m^3
✗ 2. 1245 m^3
✗ 3. 4215 m^3
✗ 4. 2154 m^3

Question ID : **26433041383**
Status : **Answered**
Chosen Option : **1**

Q.22 **What is the average of first 10 multiples of 6?**

Ans
✗ 1. 55
✗ 2. 66
✗ 3. 60
✓ 4. 33

Question ID : **26433042473**
Status : **Answered**
Chosen Option : **4**

Q.23 **The price of a bike is ₹75,500. What will be the price of the bike after a reduction of 17%?**

Ans
✗ 1. ₹68,650
✗ 2. ₹68,680
✓ 3. ₹62,665
✗ 4. ₹62,650

Question ID : **26433038677**
Status : **Answered**
Chosen Option : **3**

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Q.24 If the compound interest on a principal for one year is ₹350 and the compound interest for the second year is ₹420, find the rate of interest.

Ans
1. 30%
2. 20% ✓
3. 25%
4. 15%

Question ID : **26433042436**
Status : **Answered**
Chosen Option : **2**

Q.25 The area of quadrilateral is 336 m^2 and the perpendiculars drawn to one diagonal from the opposite vertices are 16 m and 12 m long. Find the length of this diagonal.

Ans
1. 28 cm
2. 26 cm
3. 21 cm
4. 24 cm ✓

Question ID : **26433042762**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

Q.1 In which of the following years was Lata Mangeshkar, a legendry playback Indian singer, awarded with the Padma Vibhushan, the second-highest Indian civilian award?

Ans
1. 1990
2. 1995
3. 1999 ✓
4. 2003

Question ID : **26433044677**
Status : **Not Answered**
Chosen Option : **--**

Q.2 In February 2021, _____ broke into the Top-100 WTA doubles rankings, becoming the second woman, after Sania Mirza, to do so.

Ans
1. Shikha Devi Uberoi
2. Ankita Raina ✓
3. Tara Iyer
4. Rushmi Chakravarthi

Question ID : **26433044431**
Status : **Answered**
Chosen Option : **2**

Q.3 Who among the following won the prestigious Abhinandan Saroja National Award 2021?

Ans
1. Saroja Vaidyanathan
2. Aparna Satheesan ✓
3. Mrinalini Sarabhai
4. Alarmel Valli

Question ID : **26433038787**
Status : **Not Answered**
Chosen Option : **--**

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Q.4 **Identify a way that does NOT prevent a non-communicable disease from occurring in someone.**

Ans
- ✔ 1. Blood transfusion
- ✘ 2. Adequate sleep
- ✘ 3. Balanced diet
- ✘ 4. Healthy diet

Question ID : **26433039434**
Status : **Answered**
Chosen Option : **1**

Q.5 **Identify the group of the periodic table to which iron belongs.**

Ans
- ✔ 1. Group 8
- ✘ 2. Group 6
- ✘ 3. Group 5
- ✘ 4. Group 7

Question ID : **26433039410**
Status : **Not Answered**
Chosen Option : **--**

Q.6 **Who among the following is the author of the book 'Five Point Someone'?**

Ans
- ✘ 1. Durjoy Dutta
- ✔ 2. Chetan Bhagat
- ✘ 3. Ravinder Singh
- ✘ 4. Amish Tripathy

Question ID : **26433044554**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **For what discovery was Jan Evangelista Purkinje known in 1839?**

Ans
- ✘ 1. Proposed a lipid bilayer membrane
- ✘ 2. Discovered plasma membrane
- ✔ 3. Coined the term protoplasm
- ✘ 4. Discovered the nucleus

Question ID : **26433044752**
Status : **Answered**
Chosen Option : **3**

Q.8 **In which year was the Indian Football Association established?**

Ans
- ✘ 1. 1853
- ✘ 2. 1873
- ✘ 3. 1883
- ✔ 4. 1893

Question ID : **26433042193**
Status : **Not Answered**
Chosen Option : **--**

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Q.9 **The Konark Dance Festival is held at an open air auditorium in the backdrop of the _____ which is also known as the Black Pagoda.**

Ans
✗ 1. Shree Somnath Temple
✓ 2. Sun Temple
✗ 3. Guruvayur Temple
✗ 4. Kamakhya Temple

Question ID : **26433044622**
Status : **Answered**
Chosen Option : **2**

Q.10 **Among the following, whose autobiography is 'My Confession'?**

Ans
✗ 1. Adolf Hitler
✓ 2. Leo Tolstoy
✗ 3. Nelson Mandela
✗ 4. Mahatma Gandhi

Question ID : **26433042211**
Status : **Answered**
Chosen Option : **2**

Q.11 **'Drawing From the City' is a visual autobiography of which of the following Indian folk artists?**

Ans
✓ 1. Teju Behun
✗ 2. Jamini Roy
✗ 3. Bhajju Shyam
✗ 4. Baua Devi

Question ID : **26433042294**
Status : **Not Answered**
Chosen Option : **--**

Q.12 **'All minorities, whether based on religion or language, shall have the right to establish and administer educational institutions of their choice'. Which article of the Constitution of India guarantees this right?**

Ans
✗ 1. Article 25
✗ 2. Article 28
✗ 3. Article 36
✓ 4. Article 30

Question ID : **26433042102**
Status : **Answered**
Chosen Option : **1**

Q.13 **What is the common name of C_6H_6?**

Ans
✗ 1. Methanol
✗ 2. Acetic acid
✗ 3. Acetone
✓ 4. Benzene

Question ID : **26433039401**
Status : **Answered**
Chosen Option : **4**

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Q.14 **Phytoplankton, small sea-dwelling organisms, belong to which trophic level of the food web?**

Ans
- ✗ 1. Primary consumers
- ✗ 2. Secondary consumers
- ✓ 3. Primary producers
- ✗ 4. Decomposers

Question ID : **26433044853**
Status : **Not Answered**
Chosen Option : **--**

Q.15 **Which of the following serves as the cell's digestive system, serving both to degrade material taken from outside the cell and to digest the undigested components of the cell?**

Ans
- ✗ 1. Ribosomes
- ✓ 2. Lysosomes
- ✗ 3. Smooth endoplasmic reticulum
- ✗ 4. Cytosol

Question ID : **26433044851**
Status : **Answered**
Chosen Option : **2**

Q.16 **What is India’s rank in the 2021 Global Hunger Index?**

Ans
- ✗ 1. 95
- ✗ 2. 90
- ✓ 3. 101
- ✗ 4. 99

Question ID : **26433042032**
Status : **Answered**
Chosen Option : **3**

Q.17 **Pandit Swapan Chaudhuri is associated with _____ instrument.**

Ans
- ✗ 1. veena
- ✗ 2. harmonium
- ✓ 3. tabla
- ✗ 4. bansuri

Question ID : **26433038771**
Status : **Not Answered**
Chosen Option : **--**

Q.18 **Who among the following became the first Indian male shuttler to win silver in the men's singles event at the BWF World Championships on December 19, 2021?**

Ans
- ✗ 1. HS Prannoy
- ✗ 2. B Sai Praneeth
- ✗ 3. Lakshya Sen
- ✓ 4. Kidambi Srikanth

Question ID : **26433038930**
Status : **Not Answered**
Chosen Option : **--**

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Q.19 Who among the following founded the 'Kalakshetra' in 1936, an Indian arts academy that was especially dedicated to the cultivation of the Bharatanatyam tradition?

Ans
- ✔ 1. Rukmini Devi Arundale
- ✘ 2. Vidyagauri Adkar
- ✘ 3. Kumari kamala
- ✘ 4. Damayanti Joshi

Question ID : **26433044610**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Pankaj Advani is related to which of the following sports?

Ans
- ✘ 1. Squash
- ✔ 2. Billiards
- ✘ 3. Tennis
- ✘ 4. Chess

Question ID : **26433044455**
Status : **Answered**
Chosen Option : **2**

Q.21 Which of the following is true?

Ans
- ✘ 1. Gross Domestic Product + Depreciation = Gross National Product
- ✘ 2. Gross Domestic Product + Depreciation = Net Domestic Product
- ✘ 3. Gross Domestic Product – Depreciation = Gross National Product
- ✔ 4. Gross Domestic Product – Depreciation = Net Domestic Product

Question ID : **26433042145**
Status : **Answered**
Chosen Option : **3**

Q.22 Who among the following is the founder of the Indore Gharana of music?

Ans
- ✔ 1. Ustad Amir Khan
- ✘ 2. MS Subbulakshmi
- ✘ 3. Vilayat Khan
- ✘ 4. Bhimsen Joshi

Question ID : **26433042241**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Anup Jalota is famous for which of the following categories of Indian music?

Ans
- ✔ 1. Bhajan
- ✘ 2. Carnatic Music
- ✘ 3. Hindustani Music
- ✘ 4. Instrumental

Question ID : **26433041736**
Status : **Answered**
Chosen Option : **1**

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Q.24 **Mallika Sarabhai is the most famous Indian dancer renowned for ____.**

Ans

✔ 1. kuchipudi and bharatanatyam

✘ 2. bharatanatyam and kathak

✘ 3. bharatanatyam and odissi

✘ 4. kuchipudi and kathak

Question ID : **26433041974**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **As per Census of India 2011, which state has the highest percentage of Scheduled Tribe population to total Scheduled Tribe population in India?**

Ans

✘ 1. Gujarat

✘ 2. Jharkhand

✔ 3. Madhya Pradesh

✘ 4. Chhattisgarh

Question ID : **26433042016**
Status : **Not Answered**
Chosen Option : **--**

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