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Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	Pawan Ganga Educational Centre 1
Exam Date	25/05/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL 2021 Tier I

Section : **English Language**

Q.1 **Select the option that can be used as a one-word substitute for the underlined group of words.**
Ravi got the job easily because he <u>speaks many languages.</u>

Ans
✔ 1. Polyglot
✘ 2. Polynomial
✘ 3. Polycentric
✘ 4. Polysyllabic

Question ID : **26433045580**
Status : **Answered**
Chosen Option : **1**

Q.2 **Select the most appropriate synonym of the given word.**
Loathe

Ans
✘ 1. Entrench
✔ 2. Abhor
✘ 3. Abjure
✘ 4. Meddle

Question ID : **26433039971**
Status : **Answered**
Chosen Option : **2**

Q.3 **From among the words given in bold, select the INCORRECTLY spelt word in the following sentence.**
The popular ridikule of Puritanism in burlesque and doggerel is best exemplified in Butler's Hudibras.

Ans
✘ 1. exemplified
✔ 2. ridikule
✘ 3. burlesque
✘ 4. doggerel

Question ID : **26433043165**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.4 **Select the most appropriate meaning of the given idiom.**
A snake in the grass

Ans
✗ 1. A timid person
✓ 2. A deceitful person
✗ 3. A wealthy person
✗ 4. A talkative person

Question ID : **26433039847**
Status : **Answered**
Chosen Option : **2**

Q.5 **Select the INCORRECTLY spelt word**

Ans
✗ 1. Guide
✓ 2. Geilty
✗ 3. Guard
✗ 4. Global

Question ID : **26433043090**
Status : **Answered**
Chosen Option : **2**

Q.6 **Select the most appropriate option to substitute the underline segment in the given sentence.**
During the war, the comedian proved to be a <u>man of music</u>.

Ans
✗ 1. man of words
✗ 2. man of Mars
✓ 3. man of straw
✗ 4. man of grass

Question ID : **26433042810**
Status : **Answered**
Chosen Option : **1**

Q.7 **Select the denotation of the highlighted word.**
The archer doesn't get perturbed easily.

Ans
✗ 1. Initiated
✓ 2. Agitated
✗ 3. Animated
✗ 4. Triumphed

Question ID : **26433045531**
Status : **Answered**
Chosen Option : **2**

Q.8 **Select the most appropriate option that can substitute the underlined words in the given sentence.**
All his bones could be counted because his body was totally <u>shrivelled and wrinkled with age.</u>

Ans
✓ 1. wizened
✗ 2. shrunken
✗ 3. dried
✗ 4. bony

Question ID : **26433045379**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.9 **Select the most appropriate option to fill in the blank.**
Asha was _____ made a fool by her friend.

Ans
✗ 1. insistently
✗ 2. unknowingly
✗ 3. innocently
✓ 4. deliberately

Question ID : **26433045414**
Status : **Answered**
Chosen Option : **4**

Q.10 **Select the option that expresses the given sentence in passive voice.**
You never hear of a happy billionaire.

Ans
✓ 1. A happy billionaire is never heard of.
✗ 2. A happy billionaire never heard of.
✗ 3. A happy billionaire is never heard by you.
✗ 4. No one hears a happy billionaire.

Question ID : **26433042987**
Status : **Answered**
Chosen Option : **3**

Q.11 **Select the option that expresses the given sentence in passive voice.**
The most recent studies on the human body are likely to alter the face of health sciences.

Ans
✗ 1. The most recent studies on the human body are likely to be altered by the face of health sciences.
✗ 2. The face of health sciences will be altering the most recent studies on the human body.
✓ 3. The face of health sciences is likely to be altered by the most recent studies on the human body.
✗ 4. The most face of health sciences is likely to alter the recent studies on the human body.

Question ID : **26433040073**
Status : **Answered**
Chosen Option : **3**

Q.12 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
The river / flowed besides / the hillock / in our village.

Ans
✗ 1. in our village
✗ 2. the hillock
✓ 3. flowed besides
✗ 4. The river

Question ID : **26433039677**
Status : **Answered**
Chosen Option : **3**

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Q.13 **Select the most appropriate meaning of the given idiom.**
Tit for tat

Ans
✗ 1. Prepare to leave
✗ 2. A wild guess
✓ 3. Counter attack
✗ 4. Go smoothly

Question ID : **26433039840**
Status : **Answered**
Chosen Option : **3**

Q.14 **Select the most appropriate ANTONYM of the underlined word in the following sentence.**
Eventually the patient <u>succumbed</u> to her illness.

Ans
✗ 1. died
✓ 2. overcame
✗ 3. surrendered
✗ 4. advanced

Question ID : **26433042840**
Status : **Answered**
Chosen Option : **2**

Q.15 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

Show me <u>the better</u> dress in the shop.

Ans
✗ 1. a better
✗ 2. a good
✓ 3. the best
✗ 4. the good

Question ID : **26433042781**
Status : **Answered**
Chosen Option : **3**

Q.16 **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. Their brother, John, is more blatantly hostile to Jane, reminding her that she is a poor dependent of his mother.
B. Orphaned as an infant, Jane Eyre lives at Gateshead with her aunt, Sarah Reed, as the novel opens.
C. Her female cousins, Georgiana, and Eliza, tolerate, but don't love her.
D. Jane is ten years old, an outsider in the Reed family.

Ans
✗ 1. DCAB
✗ 2. DBCA
✓ 3. BDCA
✗ 4. BACD

Question ID : **26433042877**
Status : **Answered**
Chosen Option : **2**

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Q.17 **Select the INCORRECTLY spelt word.**

Ans
- ✔ 1. Beautycian
- ✘ 2. Mathematician
- ✘ 3. Musician
- ✘ 4. Technician

Question ID : **26433039801**
Status : **Answered**
Chosen Option : **1**

Q.18 **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'.**
At the end of our first two weeks on the island, <u>we were informed</u> that our lawyers, Bram Fischer and Joel Joffe, were going to be visiting the following day.

Ans
- ✘ 1. we are informed
- ✘ 2. we get inform
- ✔ 3. No substitution required
- ✘ 4. we were inform

Question ID : **26433040116**
Status : **Answered**
Chosen Option : **3**

Q.19 **Select the most appropriate synonym of the given word.**

Perilous

Ans
- ✔ 1. Dangerous
- ✘ 2. Stimulus
- ✘ 3. Secure
- ✘ 4. Impetus

Question ID : **26433043062**
Status : **Answered**
Chosen Option : **1**

Q.20 **Select the most appropriate synonym of the given word.**
Serendipity

Ans
- ✘ 1. Sibilance
- ✔ 2. Godsend
- ✘ 3. Catastrophe
- ✘ 4. Surreptitious

Question ID : **26433043055**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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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.
Psychologists discovered that there are two routes (1) _____ achievement: conformity and originality. Conformity means following the crowd (2) _____ conventional paths and (3) _____ the status quo. Originality is taking the road (4) _____ travelled, championing a set of novel ideas that go against the grain but (5) _____ making things better.

SubQuestion No : 21

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

Ans
✗ 1. against
✗ 2. on
✗ 3. off
✓ 4. to

Question ID : **26433045659**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Psychologists discovered that there are two routes (1) _____ achievement: conformity and originality. Conformity means following the crowd (2) _____ conventional paths and (3) _____ the status quo. Originality is taking the road (4) _____ travelled, championing a set of novel ideas that go against the grain but (5) _____ making things better.

SubQuestion No : 22

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

Ans
✓ 1. down
✗ 2. beside
✗ 3. since
✗ 4. at

Question ID : **26433045660**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Psychologists discovered that there are two routes (1) _____ achievement: conformity and originality. Conformity means following the crowd (2) _____ conventional paths and (3) _____ the status quo. Originality is taking the road (4) _____ travelled, championing a set of novel ideas that go against the grain but (5) _____ making things better.

SubQuestion No : 23

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

Ans
✗ 1. building
✗ 2. supplying
✗ 3. serving
✓ 4. maintaining

Question ID : **26433045661**
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.
Psychologists discovered that there are two routes (1) _____ achievement: conformity and originality. Conformity means following the crowd (2) _____ conventional paths and (3) _____ the status quo. Originality is taking the road (4) _____ travelled, championing a set of novel ideas that go against the grain but (5) _____ making things better.

SubQuestion No : 24

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

Ans
✗ 1. quietly
✗ 2. far
✗ 3. frequently
✓ 4. less

Question ID : **26433045662**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Psychologists discovered that there are two routes (1) _____ achievement: conformity and originality. Conformity means following the crowd (2) _____ conventional paths and (3) _____ the status quo. Originality is taking the road (4) _____ travelled, championing a set of novel ideas that go against the grain but (5) _____ making things better.

SubQuestion No : 25

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

Ans
✗ 1. superficially
✗ 2. disinterestedly
✗ 3. advertently
✓ 4. ultimately

Question ID : **26433045663**
Status : **Answered**
Chosen Option : **4**

Section : **General Intelligence**

Q.1 Select the option that is related to the fifth word in the same way as the second word is related to the first word and the fourth word is related to the third 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)
Nut and Bolt : Wrenches :: Screw : Screwdriver :: Nail : ?

Ans
✗ 1. Scissors
✗ 2. Pliers
✓ 3. Hammer
✗ 4. Axe

Question ID : **26433045096**
Status : **Answered**
Chosen Option : **3**

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Q.2 **Which of the following numbers will replace the question mark (?) in the given series?**
10, 20 , 23, ?, 97, 582

Ans
✗ 1. 53
✗ 2. 78
✗ 3. 82
✓ 4. 92

Question ID : **26433040564**
Status : **Answered**
Chosen Option : **4**

Q.3 **In a certain code language, 'GREAT' is codedas '2015187', 'WORK' is codedas '11181523' and 'GOING' is codedas '7149157'. How will 'WELL' be codedin that language?**

Ans
✗ 1. 1425431
✗ 2. 3231345
✗ 3. 1454321
✓ 4. 1212523

Question ID : **26433043431**
Status : **Answered**
Chosen Option : **4**

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. 25 : 100
✓ 2. 22 : 66
✗ 3. 24: 96
✗ 4. 18 : 72

Question ID : **26433040662**
Status : **Answered**
Chosen Option : **2**

Q.5 **Which of the following numbers will replace the question mark (?) in the given series?**
11, 13, 29, 91, 369, ?

Ans
✗ 1. 1815
✓ 2. 1851
✗ 3. 1158
✗ 4. 1518

Question ID : **26433045196**
Status : **Answered**
Chosen Option : **2**

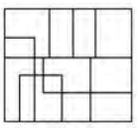
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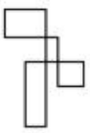
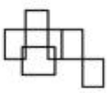
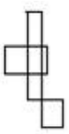
Q.6 **Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the word)**
Car : Bonnet :: Boat : ?

Ans
✗ 1. Stern
✗ 2. Mast
✓ 3. Bow
✗ 4. Port

Question ID : **26433045085**
Status : **Marked For Review**
Chosen Option : **1**

Q.7 Select the option that is embedded in the given figure as its part (rotation is NOT allowed).



Ans
✗ 1. 
✓ 2. 
✗ 3. 
✗ 4. 

Question ID : **26433040176**
Status : **Answered**
Chosen Option : **2**

Q.8 **In a certain code language, "CLIENT" is written as "LCEITN", and "CLOSED" is written as "LCSODE". How will "FAMILY" be written in that language?**

Ans
✗ 1. FAIMYL
✓ 2. AFIMYL
✗ 3. AFIMLY
✗ 4. AFMILY

Question ID : **26433043484**
Status : **Answered**
Chosen Option : **2**

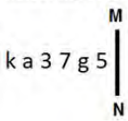
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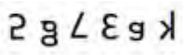
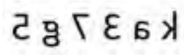
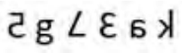
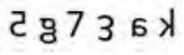
Q.9 **Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?**
WDV, TGS, QJP, NMM, ?

Ans
1. PJK
2. KPJ
3. JPK
4. JKP

Question ID : **26433045161**
Status : **Answered**
Chosen Option : **2**

Q.10 Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.



Ans
1. 
2. 
3. 
4. 

Question ID : **26433040822**
Status : **Answered**
Chosen Option : **2**

Q.11 **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.**
14 : 21 :: 34 : ? :: 47 : 87

Ans
1. 61
2. 57
3. 65
4. 53

Question ID : **26433045030**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.12 **Study the given pattern carefully and select the number that can replace the question mark (?) in it.**

First row: 86, 72, 158
Second row: 98, 111, 209
Third row: 76, 65, ?

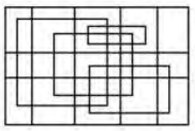
(NOTE: Operations should be performed on the whole numbers, without breaking down the number into its constituent digits. For example, 13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
1. 148
2. 131
3. 141
4. 137

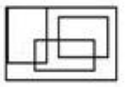
Question ID : **26433043318**
Status : **Answered**
Chosen Option : **3**

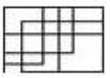
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Q.13 Select the option figure which is embedded in the given figure as its part (rotation is NOT allowed).

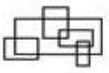


Ans

✗ 1. 

✓ 2. 

✗ 3. 

✗ 4. 

Question ID : **26433040330**
Status : **Marked For Review**
Chosen Option : **1**

Q.14 **Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.**
62*17*6*81*23*2*37

Ans

✗ 1. +,=,÷,−,+,×

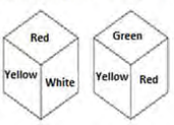
✗ 2. −,×,=,−,+,×

✗ 3. =,−,×,+,−,+

✓ 4. +, ×,−,=, ×,+

Question ID : **26433040246**
Status : **Answered**
Chosen Option : **4**

Q.15 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 White.



Ans

✗ 1. Red

✓ 2. Green

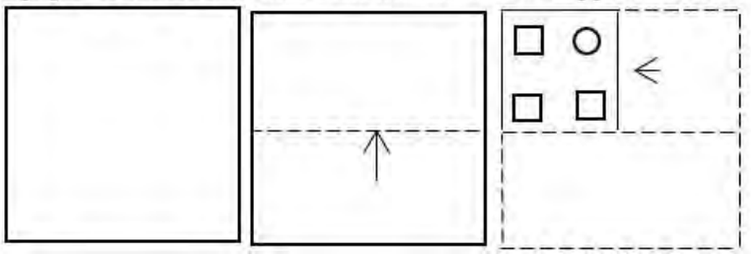
✗ 3. Black

✗ 4. Blue

Question ID : **26433040190**
Status : **Answered**
Chosen Option : **2**

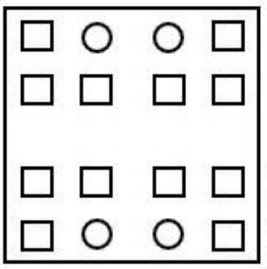
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Q.16 A paper is folded and cut as shown. How will it appear when unfolded?

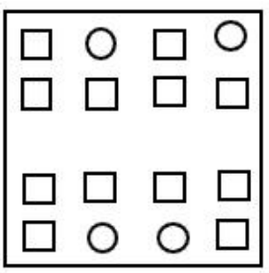


Ans

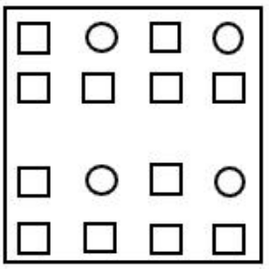
✔ 1.



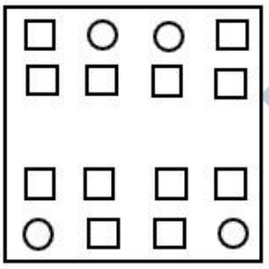
✗ 2.



✗ 3.



✗ 4.



Question ID : **26433040516**
Status : **Answered**
Chosen Option : **1**

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Q.17 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1.Sanitization
2.Sanctuary
3.Salvation
4.Salmon
5.Salesman

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

Question ID : **26433040371**
Status : **Answered**
Chosen Option : **3**

Q.18 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1.Curator
2.Culminate
3.Curriculum
4.Culinary
5.Cucumber

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

Question ID : **26433040362**
Status : **Answered**
Chosen Option : **1**

Q.19 **Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.**
25*5*10*2*4*10

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

Question ID : **26433040622**
Status : **Answered**
Chosen Option : **3**

Q.20 **Study the given pattern carefully and select the number that can replace the question mark (?) in it.**

First row- 2, 57, 7
Second row- 6, 225, 3
Third row- 5, ?, 2

(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. 192
✗ 2. 127
✗ 3. 172
✓ 4. 129

Question ID : **26433045256**
Status : **Answered**
Chosen Option : **4**

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Q.21 **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:
All pencils are erasers.
All sharpeners are erasers.
All compasses are sharpeners.

Conclusions:
I. All compasses are erasers.
II. Some compasses are pencils.
III. Some erasers are compass.

Ans
✔ 1. Only conclusions I and III follow
✘ 2. Only conclusion I follows
✘ 3. Only conclusion II follows
✘ 4. Only conclusions I and II follow

Question ID : **26433040733**
Status : **Answered**
Chosen Option : **1**

Q.22 **Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.**
A B Z _ P A B _ K P A B X K _ A B _ K P

Ans
✘ 1. A C B Z
✘ 2. A Y Z W
✔ 3. K Y P W
✘ 4. K C Z W

Question ID : **26433040157**
Status : **Answered**
Chosen Option : **3**

Q.23 **Which of the following numbers will replace the question mark (?) in the given series?**
1724, 1716,1689,1625,1500,?

Ans
✘ 1. 1296
✔ 2. 1284
✘ 3. 1254
✘ 4. 1280

Question ID : **26433043273**
Status : **Answered**
Chosen Option : **2**

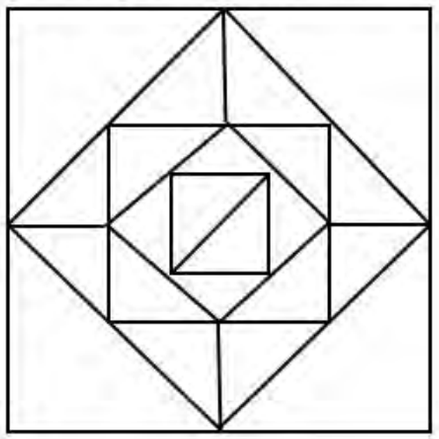
Q.24 **The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs, EXCEPT one. Find that odd number pair.**

Ans
✘ 1. 42 : 7
✘ 2. 36 : 6
✘ 3. 48 : 8
✔ 4. 24 : 8

Question ID : **26433040661**
Status : **Answered**
Chosen Option : **4**

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Q.25 How many triangles are there in the given figure?



Ans
✗ 1. 30
✗ 2. 24
✗ 3. 28
✓ 4. 26

Question ID : **26433040528**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 The table below gives the numbers of students from five different colleges who participated in Olympiads of five different subjects during a given year.

Subjects	College A	College B	College C	College D	College E
Hindi	110	100	125	103	112
English	98	120	80	122	105
Maths	130	110	250	160	180
Science	100	100	150	200	80
GK	182	200	120	130	183

Find the difference between 'the range of the numbers of participants in the different Olympiads from College C' and 'the average number of participants per Olympiad from College E' during the given year.

Ans
✓ 1. 38
✗ 2. 13
✗ 3. 37
✗ 4. 36

Question ID : **26433045975**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **The Group Leader of a group of 6 students reported that their average weight is 46 kg. When the members of the group were asked about their individual weights, 5 of them answered: 50 kg, 52 kg, 40 kg, 44 kg, 48 kg. The 6th member said, "I can't recall my weight". What is his weight?**

Ans
✗ 1. 43 kg
✗ 2. 44 kg
✗ 3. 45 kg
✓ 4. 42 kg

Question ID : **26433039101**
Status : **Answered**
Chosen Option : **4**

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Q.3 What will be the smallest natural number to be filled in the blank for the number '23_45678' to be divisible by 22?

Ans
- ✔ 1. 7
- ✘ 2. 1
- ✘ 3. 9
- ✘ 4. 3

Question ID : **26433041655**
Status : **Answered**
Chosen Option : **1**

Q.4 If the cost price of 70 articles is equal to the selling price of 40 articles, what will be the profit percentage?

Ans
- ✔ 1. 75%
- ✘ 2. 65%
- ✘ 3. 60%
- ✘ 4. 70%

Question ID : **26433041302**
Status : **Answered**
Chosen Option : **1**

Q.5 Kamal purchases 80 articles for ₹11,180 and sells them at a loss equal to the selling price of 6 articles. What will be the selling price of 1 article?

Ans
- ✔ 1. ₹130
- ✘ 2. ₹120
- ✘ 3. ₹135
- ✘ 4. ₹125

Question ID : **26433042696**
Status : **Answered**
Chosen Option : **2**

Q.6 If $a + b + c = 10$ and $ab + bc + ca = 30$, then the value of $a^2 + b^2 + c^2$ is:

Ans
- ✔ 1. 40
- ✘ 2. 38
- ✘ 3. 30
- ✘ 4. 25

Question ID : **26433041449**
Status : **Answered**
Chosen Option : **1**

Q.7 700 grams of cane sugar solution has 60% of sugar in it. How much sugar should be added to make it 75% in the solution?

Ans
- ✘ 1. 320 gm
- ✘ 2. 480 gm
- ✘ 3. 380 gm
- ✔ 4. 420 gm

Question ID : **26433042603**
Status : **Answered**
Chosen Option : **4**

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Q.8 If the sum of two numbers is 25 and their product is 144, then what is the position difference between the two numbers?

Ans
✗ 1. 8
✓ 2. 7
✗ 3. 16
✗ 4. 9

Question ID : **26433041406**
Status : **Answered**
Chosen Option : **2**

Q.9 A can do a piece of work in 24 days and B can do it in 80 days. B works alone for 2 days and A works alone on the 3rd day. This process continues till the work is completed. In how many days will the work be completed?

Ans
✗ 1. 42
✓ 2. 45
✗ 3. 48
✗ 4. 44

Question ID : **26433044297**
Status : **Answered**
Chosen Option : **2**

Q.10 The difference between the simple interest and compound interest on ₹1,000 for 1 year at 20% per annum, compounded half-yearly, is:

Ans
✗ 1. ₹ 8
✗ 2. ₹ 5
✓ 3. ₹ 10
✗ 4. ₹ 12

Question ID : **26433044110**
Status : **Answered**
Chosen Option : **3**

Q.11 Find the volume of a hemisphere of radius 21 cm. (Use π=22/7)

Ans
✗ 1. $19400\ cm^3$
✗ 2. $18440\ cm^3$
✗ 3. $17404\ cm^3$
✓ 4. $19404\ cm^3$

Question ID : **26433038719**
Status : **Answered**
Chosen Option : **4**

Q.12 Rakesh runs 4/3 times as fast as Mukesh. In a race, if Rakesh gives a lead of 60 m to Mukesh, find the distance from the starting point where both of them will meet.

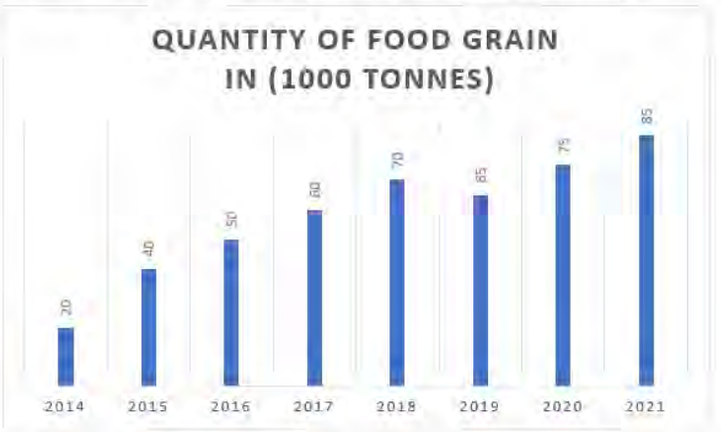
Ans
✗ 1. 232 m
✓ 2. 240 m
✗ 3. 264 m
✗ 4. 255 m

Question ID : **26433044046**
Status : **Answered**
Chosen Option : **2**

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Q.13 Study the given graph carefully and answer the question that follows.

Production of food grains by a state over the years (1000 tonnes)



What was the percentage drop in the production of food grains from 2018 to 2019 (consider up to two decimals)?

Ans
✔ 1. 7.14%
✘ 2. 5.14%
✘ 3. 7.02%
✘ 4. 6.14%

Question ID : **26433039181**
Status : **Answered**
Chosen Option : **1**

Q.14 If $x^2 = b - ax$ and $x^3(x^3 + c) = d$, then which of the following can be the values of c and d?

Ans
✘ 1. $c = a^3 - 3ab$ and $d = b^3$

✘ 2. $c = -a^3 - 3ab$ and $d = b^3$

✔ 3. $c = a^3 + 3ab$ and $d = b^3$

✘ 4. $c = a^3 + 3ab$ and $d = -b^3$

Question ID : **26433042588**
Status : **Not Answered**
Chosen Option : **--**

Q.15 A bike is purchased for ₹50,000. Its rate depreciates at 10% annually. In how many years will its value be ₹36,450?

Ans
✔ 1. 3
✘ 2. 2
✘ 3. 5
✘ 4. 4

Question ID : **26433041492**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.16 If 2945 ÷ 19 – 11 × 5 = 29 + a, find the value of a.

Ans
✗ 1. 90
✗ 2. 100
✗ 3. 69
✓ 4. 71

Question ID : **26433039510**
Status : **Answered**
Chosen Option : **4**

Q.17 If 15 kg of sugar cost ₹600, what is the cost of 25 kg of sugar?

Ans
✗ 1. ₹1,100
✗ 2. ₹900
✓ 3. ₹1,000
✗ 4. ₹800

Question ID : **26433041531**
Status : **Answered**
Chosen Option : **3**

Q.18 Nikhil suffers a loss of ₹140 when he sells a perfume at 20% discount. Find the marked price of the perfume if the cost price is ₹380.

Ans
✗ 1. ₹280
✓ 2. ₹300
✗ 3. ₹310
✗ 4. ₹290

Question ID : **26433042694**
Status : **Answered**
Chosen Option : **2**

Q.19 A sphere passes through the eight corners of a cube of side 14 cm. Find the volume (in cm^3) of the sphere.
Take π = 22/7

Ans
✓ 1. $4312\sqrt{3}$
✗ 2. $4012\sqrt{3}$
✗ 3. $4312\sqrt{2}$
✗ 4. $4012\sqrt{2}$

Question ID : **26433038638**
Status : **Answered**
Chosen Option : **1**

Q.20 If the height and slant height of a right circular cone are 8 cm and 10 cm, respectively, then the volume of the cone is (use $\pi = \frac{22}{7}$): (correct the two decimal places)

Ans
✗ 1. 200 cm^3
✓ 2. 301.71 cm^3
✗ 3. 258 cm^3
✗ 4. 299.45 cm^3

Question ID : **26433044061**
Status : **Marked For Review**
Chosen Option : **2**

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Q.21 **A family spends ₹240 per month to buy sugar. A rise of 25% in the price of sugar compels the family to reduce the monthly consumption of sugar by 1.5 kg as it decides to spend the same amount of money on purchase of the commodity. What is the increased price per kg of sugar?**

Ans

✗ 1. ₹32

✗ 2. ₹35

✓ 3. ₹40

✗ 4. ₹38

Question ID : **26433039108**
Status : **Answered**
Chosen Option : **3**

Q.22 The table below gives the numbers of laptops of three different brands sold from four different multi-brands store in the city during a certain month.

Stores \ Laptop Brands	Dell	HP	Lenovo
A	30	45	50
B	25	32	40
C	25	35	38
D	45	29	45

The number of Lenovo Laptop sold by stores A during the given month is approximately what percentage more than the number of Dell laptops sold by Store D during the same month?

Ans

✗ 1. 12.4

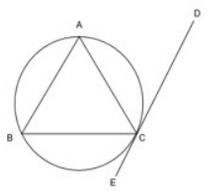
✗ 2. 13.8

✓ 3. 11.1

✗ 4. 10.3

Question ID : **26433045939**
Status : **Not Answered**
Chosen Option : **--**

Q.23 In the following figure, ΔABC is an inscribed triangle as shown and DE is a tangent to the circle at C. Which of the angles from the given options is necessarily equal to ∠ACD?



Ans

✗ 1. ∠BAC

✗ 2. ∠BCE

✓ 3. ∠ABC

✗ 4. ∠BCA

Question ID : **26433041631**
Status : **Answered**
Chosen Option : **3**

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Q.24 If $\frac{x - x\text{cosec}^2 30°}{1 + \text{cosec}^2 30°} = \cos^2 60° + 4\cot^2 45° - \sec^2 60°$, then the value of x is _____.

Ans

1. $\frac{5}{12}$ ✗
2. $-\frac{5}{12}$ ✓
3. $\frac{1}{5}$ ✗
4. $-\frac{1}{12}$ ✗

Question ID : **26433042644**
Status : **Answered**
Chosen Option : **4**

Q.25 **By what percent the new price of the article must be increased to restore its former value, if the cost of the article is cut by 25% in the past?**

Ans

1. $34\frac{1}{4}\%$ ✗
2. $33\frac{1}{3}\%$ ✓
3. 33% ✗
4. 34% ✗

Question ID : **26433044345**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 **Who wrote the autobiography entitled 'I am No Messiah'?**

Ans

1. Sachin Tendulkar ✗
2. Sonu Sood ✓
3. Paramahansa Yogananda ✗
4. APJ Abdul Kalam ✗

Question ID : **26433041907**
Status : **Answered**
Chosen Option : **2**

Q.2 **Who wrote the famous novel 'The Inheritance of Loss'?**

Ans

1. Arundhati Roy ✗
2. Kiran Desai ✓
3. RK Narayan ✗
4. Vikram Seth ✗

Question ID : **26433038751**
Status : **Answered**
Chosen Option : **4**

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Q.3 India's men's hockey team beat Pakistan to win a bronze medal in December 2021 at the:

Ans
- ✔ 1. Asian Champions Trophy
- ✘ 2. Moinuddowla Gold Cup
- ✘ 3. ICC Champions Trophy
- ✘ 4. Ghulam Ahmed Trophy

Question ID : **26433042034**
Status : **Not Answered**
Chosen Option : **--**

Q.4 _____is the money which is accepted as a medium of exchange because of the trust between the payer and the payee.

Ans
- ✘ 1. Credit money
- ✔ 2. Fiduciary money
- ✘ 3. Fiat money
- ✘ 4. Full bodied money

Question ID : **26433042139**
Status : **Answered**
Chosen Option : **4**

Q.5 In which sport are arrows used?

Ans
- ✘ 1. Fencing
- ✘ 2. Shooting
- ✘ 3. Boxing
- ✔ 4. Archery

Question ID : **26433042195**
Status : **Answered**
Chosen Option : **4**

Q.6 Rajeev Janardan is an Indian classical _____ player of the Imdadkhani gharana.

Ans
- ✘ 1. tabla
- ✘ 2. flute
- ✘ 3. harmonium
- ✔ 4. sitar

Question ID : **26433042251**
Status : **Not Answered**
Chosen Option : **--**

Q.7 Tulsidas Borkar, who was awarded with the Padma Shri in 2016, was a _____ player.

Ans
- ✘ 1. nadhaswaram
- ✘ 2. shehnai
- ✘ 3. bansuri
- ✔ 4. Harmonium

Question ID : **26433042238**
Status : **Answered**
Chosen Option : **2**

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Q.8 **Dr. Tamilisai Soundararajan was given the additional charge of _____ and was sworn in as the Lt. Governor of this Union Territory in February 2021, apart from being the Governor of Telangana.**

Ans
- ✗ 1. Delhi
- ✓ 2. Puducherry
- ✗ 3. Lakshadweep
- ✗ 4. Chandigarh

Question ID : **26433044408**
Status : **Answered**
Chosen Option : **2**

Q.9 **Aqua regia is an acidic, corrosive and oxidative mixture consisting of _____ volume/volumes of concentrated hydrochloric acid and one volume of concentrated nitric acid, often used to dissolve gold and platinum.**

Ans
- ✗ 1. Two
- ✓ 2. Three
- ✗ 3. one
- ✗ 4. Four

Question ID : **26433044815**
Status : **Not Answered**
Chosen Option : **--**

Q.10 **Maithili Thakur and Lydian Nadhaswaram were bestowed with Sur Jyotsna National Music Awards _____.**

Ans
- ✓ 1. 2021
- ✗ 2. 2020
- ✗ 3. 2019
- ✗ 4. 2018

Question ID : **26433044589**
Status : **Answered**
Chosen Option : **1**

Q.11 **Which compound has the chemical formula $CHCl_3$ whose melting point is 209 K?**

Ans
- ✗ 1. Carbon tetrachloride
- ✗ 2. Chlorophenol
- ✓ 3. Chloroform
- ✗ 4. Chloroethanol

Question ID : **26433044817**
Status : **Not Answered**
Chosen Option : **--**

Q.12 **Who was the runner-up of Yonex Swiss open 2021 women single badminton tournament?**

Ans
- ✗ 1. Jwala Gutta
- ✓ 2. PV Sindhu
- ✗ 3. Saina Nehwal
- ✗ 4. Malvika Bansode

Question ID : **26433044464**
Status : **Not Answered**
Chosen Option : **--**

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Q.13 Who among the following Sadir dancer received the Padma Shri 2022?

Ans
- ✗ 1. Tsering Namgyal
- ✗ 2. Sulochna Chavan
- ✓ 3. R Muthukannammal
- ✗ 4. Thavil KongampattuavMurugaiyan

Question ID : **26433044689**
Status : **Not Answered**
Chosen Option : **--**

Q.14 The famous Jhaveri sisters are associated with the _____classical dance form.

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

Question ID : **26433038796**
Status : **Not Answered**
Chosen Option : **--**

Q.15 The Northern Plains of India are made of alluvial soil. They are formed by the interplay of which three rivers?

Ans
- ✗ 1. Ganga, Mahanadi, Indus
- ✓ 2. Indus, Ganga, Brahmaputra
- ✗ 3. Indus, Mahanadi, Brahmaputra
- ✗ 4. Brahmaputra, Mahanadi, Ganga

Question ID : **26433041898**
Status : **Answered**
Chosen Option : **2**

Q.16 Which inorganic compound is used to manufacture soap, rayon, paper, explosives, dyes, and petroleum products?

Ans
- ✗ 1. NaOCl
- ✓ 2. NaOH
- ✗ 3. $CaOCl_2$
- ✗ 4. $NaHCO_3$

Question ID : **26433044709**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Pandit Bhimsen Guracharya Joshi was an Indian classical vocalist born in _____.

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

Question ID : **26433044560**
Status : **Not Answered**
Chosen Option : **--**

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Q.18 **Which State Government will provide financial support to Indian wrestling till 2032 Olympics?**

Ans
- ✔ 1. Uttar Pradesh
- ✘ 2. Bihar
- ✘ 3. Jharkhand
- ✘ 4. Karnataka

Question ID : **26433041860**
Status : **Not Answered**
Chosen Option : **--**

Q.19 **Which red-orange pigment found in plants and fruits, especially carrots and colourful vegetables, acts as a powerful antioxidant that can benefit our brain, skin, lungs, and eye health?**

Ans
- ✘ 1. Beta-cryptoxanthin
- ✔ 2. Beta-carotene
- ✘ 3. Zeaxanthin
- ✘ 4. Lutein

Question ID : **26433044744**
Status : **Answered**
Chosen Option : **2**

Q.20 **'Waiting for a Visa' is an autobiographical work of which of the following leaders of India?**

Ans
- ✘ 1. Bhagat Singh
- ✘ 2. Bipin Chandra Pal
- ✔ 3. Bhimrao Ramji Ambedkar
- ✘ 4. Lala Lajpat Rai

Question ID : **26433042215**
Status : **Answered**
Chosen Option : **2**

Q.21 **Haleem Khan is associated with which of the following classical dances?**

Ans
- ✘ 1. Mohiniyattam
- ✘ 2. Kathak
- ✔ 3. Kuchipudi
- ✘ 4. Bharatanatyam

Question ID : **26433038803**
Status : **Not Answered**
Chosen Option : **--**

Q.22 **What test is used where the elements present in the compound are converted from covalent form into the ionic form by fusing the compound with sodium metal?**

Ans
- ✘ 1. Flame test
- ✘ 2. D-dimer test
- ✘ 3. Blood test
- ✔ 4. Lassaigne's test

Question ID : **26433039408**
Status : **Not Answered**
Chosen Option : **--**

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Q.23 **Members of Public Accounts Committee are elected for a period of:**

Ans
- ✔ 1. one year
- ✘ 2. two years
- ✘ 3. five years
- ✘ 4. three years

Question ID : **26433042115**
Status : **Not Answered**
Chosen Option : **--**

Q.24 **Guru Makar Dhwaja Darogha, was conferred the Padma Shri award for his contribution to which form of dance in India?**

Ans
- ✘ 1. Panthi
- ✘ 2. Saila
- ✔ 3. Chhau
- ✘ 4. Raut Nacha

Question ID : **26433041786**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **Which English ecologist was the first to describe the distinctive shape of the food web, which he called the pyramid of numbers?**

Ans
- ✘ 1. Arthur Tansley
- ✘ 2. Eugene Odum
- ✔ 3. Charles Elton
- ✘ 4. Ernst Haeckel

Question ID : **26433044768**
Status : **Not Answered**
Chosen Option : **--**

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