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Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Bahadurgarh Patiala
Exam Date	30/05/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL 2021 Tier I

Section : **English Language**

Q.1 **Select the option that expresses the given sentence in active voice.**
The car was being washed by me.

Ans
✗ 1. I had been washing the car.
✓ 2. I was washing the car.
✗ 3. I did the washing car.
✗ 4. I washed the car.

Question ID : **26433043036**
Status : **Answered**
Chosen Option : **2**

Q.2 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
Whenever he is / on a holiday, / he travels by foot / to the temple nearby.

Ans
✗ 1. to the temple nearby
✗ 2. Whenever he is
✓ 3. he travels by foot
✗ 4. on a holiday

Question ID : **26433039689**
Status : **Answered**
Chosen Option : **3**

Q.3 **Select the most appropriate meaning of the given idiom.**

Lion's share

Ans
✓ 1. Largest share
✗ 2. Animal's share
✗ 3. Limited share
✗ 4. Forceful share

Question ID : **26433043065**
Status : **Answered**
Chosen Option : **1**

Q.4 **Select the most appropriate option to fill in the blank.**
If you had consulted me, I would have _____ you.

Ans
✗ 1. advising
✗ 2. advises
✓ 3. advised
✗ 4. advise

Question ID : **26433043119**
Status : **Answered**
Chosen Option : **3**

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Q.5 **Select the option that expresses the given sentence in active voice.**
All the electric poles in the suburbs were destroyed by the cyclone last year.

Ans
✔ 1. The cyclone destroyed all the electric poles in the suburbs last year.
✘ 2. The cyclone was being destroyed with all the electric poles in the suburbs last year.
✘ 3. The cyclone was destroyed by the all the electric poles in the suburbs last year.
✘ 4. The cyclone destroyed all the suburbs by the electric poles last year.

Question ID : **26433040064**
Status : **Answered**
Chosen Option : **1**

Q.6 **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. The deeper you immerse it, the greater will be the difference in the water level.
B. This difference in the levels in the U-tube is a measure of the pressure applied by your palm.
C. If you immerse the funnel into a bucket of water, you will again see the difference in the water level in the U-tube.
D. When you gently apply pressure on the rubber film with your palm, you will find that a difference in the water level is created in the manometer.

Ans
✘ 1. BACD
✘ 2. CBAD
✔ 3. DBCA
✘ 4. ABCD

Question ID : **26433045559**
Status : **Answered**
Chosen Option : **3**

Q.7 **Select the most appropriate spelling that can substitute the underlined word in the given sentence.**

We love to play with our <u>neighboar's</u> children

Ans
✘ 1. neighbours
✘ 2. naighbour's
✘ 3. neighboars
✔ 4. neighbour's

Question ID : **26433042784**
Status : **Answered**
Chosen Option : **4**

Q.8 **Select the most appropriate ANTONYM of the word in bold in the following sentence.**
Her candid remarks impressed the Board of members.

Ans
✘ 1. blunt
✘ 2. sincere
✔ 3. deceitful
✘ 4. unconventional

Question ID : **26433042800**
Status : **Answered**
Chosen Option : **3**

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Q.9 **Select the most appropriate synonym of the given word.**
Decipher

Ans
✔ 1. Interpret
✘ 2. Calculate
✘ 3. Create
✘ 4. Interrogate

Question ID : **26433039832**
Status : **Answered**
Chosen Option : **1**

Q.10 **Select the option that expresses the given sentence in active voice.**
The utensils have been cleaned.

Ans
✘ 1. Someone is cleaning the utensils.
✘ 2. Someone was cleaning the utensils.
✘ 3. Someone cleaned the utensils.
✔ 4. Someone has cleaned the utensils.

Question ID : **26433039760**
Status : **Answered**
Chosen Option : **4**

Q.11 **Select the most appropriate option to fill in the blank.**
A note of _____ during the leaders' meeting at the UN.

Ans
✘ 1. friction surfaced
✔ 2. discord surfaced
✘ 3. grievance surfaced
✘ 4. strife surfaced

Question ID : **26433042826**
Status : **Answered**
Chosen Option : **3**

Q.12 **Select the most appropriate synonym of the given word.**

Startle

Ans
✘ 1. Scare
✘ 2. Humiliate
✔ 3. Surprise
✘ 4. Shame

Question ID : **26433040012**
Status : **Answered**
Chosen Option : **1**

Q.13 **Select the most appropriate meaning of the given idiom.**
Get the axe

Ans
✘ 1. Burdened job
✔ 2. Lose the job
✘ 3. Relaxed job
✘ 4. Get the job

Question ID : **26433043080**
Status : **Answered**
Chosen Option : **4**

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Q.14 **Select the most appropriate meaning of the given idiom.**
Wipe the floor with someone

Ans
✔ 1. To defeat someone
✘ 2. To criticise someone
✘ 3. To cheat someone
✘ 4. To help someone

Question ID : **26433039997**
Status : **Answered**
Chosen Option : **2**

Q.15 **Select the option that can be used as a one-word substitute for the given group of words.**
Reject as invalid, especially by legal procedure

Ans
✘ 1. Reiterate
✘ 2. Putrid
✘ 3. Putrefy
✔ 4. Quash

Question ID : **26433039089**
Status : **Answered**
Chosen Option : **1**

Q.16 **Select the most appropriate option fill in the blank.**

The death of her father had made her sullen and _____ .

Ans
✘ 1. jovial
✘ 2. smug
✘ 3. joyful
✔ 4. melancholic

Question ID : **26433039725**
Status : **Answered**
Chosen Option : **4**

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

Ans
✔ 1. Supercede
✘ 2. Indefatigable
✘ 3. Autopsy
✘ 4. Anonymous

Question ID : **26433039069**
Status : **Answered**
Chosen Option : **4**

Q.18 **Select the most appropriate ANTONYM of the given word.**
Vulgar

Ans
✘ 1. Senior
✘ 2. Decreased
✘ 3. Ignorant
✔ 4. Refined

Question ID : **26433042929**
Status : **Answered**
Chosen Option : **4**

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Q.19 **Select the option that can be used as a one-word substitute for the given group of words.**
Merry, convivial, hearty and good humoured

Ans
✗ 1. Jowl
✗ 2. Joyous
✓ 3. Jovial
✗ 4. Jubilee

Question ID : **26433040110**
Status : **Answered**
Chosen Option : **3**

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

Ans
✗ 1. Slander
✗ 2. Conclusion
✓ 3. Preamble
✗ 4. Plunk

Question ID : **26433042983**
Status : **Answered**
Chosen Option : **2**

@Qmaths

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.
Most of the valley had been (1)_____ over the ages by the river waters, (2)_____ rainfall, and fierce winds. All except for one giant monolith, a (3)_____ tower-like mountain of a single rock. It stood at a proud (4)_____ of eight hundred and fifty metres from the valley floor, towering well above the (5)_____ shoulders.

SubQuestion No : 21

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

Ans
✗ 1. dried
✗ 2. decoded
✓ 3. eroded
✗ 4. wiped

Question ID : **26433045887**
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.
Most of the valley had been (1)_____ over the ages by the river waters, (2)_____ rainfall, and fierce winds. All except for one giant monolith, a (3)_____ tower-like mountain of a single rock. It stood at a proud (4)_____ of eight hundred and fifty metres from the valley floor, towering well above the (5)_____ shoulders.

SubQuestion No : 22

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

Ans
✗ 1. empty
✓ 2. heavy
✗ 3. less
✗ 4. scanty

Question ID : **26433045888**
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.
Most of the valley had been (1)_____ over the ages by the river waters, (2)_____ rainfall, and fierce winds. All except for one giant monolith, a (3)_____ tower-like mountain of a single rock. It stood at a proud (4)_____ of eight hundred and fifty metres from the valley floor, towering well above the (5)_____ shoulders.

SubQuestion No : 23

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

Ans
✔ 1. humongous
✘ 2. small
✘ 3. neat
✘ 4. tiny

Question ID : **26433045889**
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.
Most of the valley had been (1)_____ over the ages by the river waters, (2)_____ rainfall, and fierce winds. All except for one giant monolith, a (3)_____ tower-like mountain of a single rock. It stood at a proud (4)_____ of eight hundred and fifty metres from the valley floor, towering well above the (5)_____ shoulders.

SubQuestion No : 24

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

Ans
✘ 1. weight
✔ 2. height
✘ 3. length
✘ 4. width

Question ID : **26433045890**
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.
Most of the valley had been (1)_____ over the ages by the river waters, (2)_____ rainfall, and fierce winds. All except for one giant monolith, a (3)_____ tower-like mountain of a single rock. It stood at a proud (4)_____ of eight hundred and fifty metres from the valley floor, towering well above the (5)_____ shoulders.

SubQuestion No : 25

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

Ans
✘ 1. shelf's
✘ 2. mountain
✘ 3. valley
✔ 4. valley's

Question ID : **26433045891**
Status : **Answered**
Chosen Option : **4**

Section : **General Intelligence**

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Q.1 **Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.**
B E _ K D F _ H K D J E H _ D _ E H K D

Ans
1. J P K B
2. H E K N ✓
3. H B P J
4. I L P K

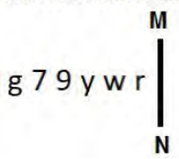
Question ID : **26433043219**
Status : **Answered**
Chosen Option : **2**

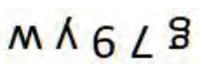
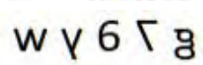
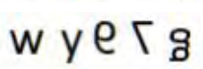
Q.2 **Which of the following numbers will replace the question mark (?) in the given series?**
3, 3,12,108,?

Ans
1. 1528
2. 1512
3. 1728 ✓
4. 1684

Question ID : **26433043277**
Status : **Answered**
Chosen Option : **3**

Q.3 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 : **26433040536**
Status : **Answered**
Chosen Option : **1**

Q.4 **Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.**
13 * 5 * 60 * 6 * 11 * 64

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

Question ID : **26433040855**
Status : **Answered**
Chosen Option : **2**

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Q.5 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.
25*5*8*4*15*20

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

Question ID : **26433040864**
Status : **Answered**
Chosen Option : **1**

Q.6 Which of the following numbers will replace the question mark (?) in the given series?
19, 114, 119, ?, 479, 958

Ans
✘ 1. 378
✘ 2. 452
✘ 3. 296
✔ 4. 476

Question ID : **26433040594**
Status : **Answered**
Chosen Option : **4**

Q.7 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 cranes are bears.
Some tigers are cranes.
All jackals are tigers.
Conclusion:
I. Some bears are tigers.
II. All jackals are bears.
III. Some jackals are bears.

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 : **26433040745**
Status : **Answered**
Chosen Option : **2**

Q.8 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.
3 : 18 :: 9 : ? :: 5 : 100

Ans
✘ 1. 500
✘ 2. 236
✔ 3. 648
✘ 4. 435

Question ID : **26433043439**
Status : **Answered**
Chosen Option : **3**

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Q.9 **In a certain code language, 'CHOICE' is written as 'OHCECI' and 'DEMAND' is written as 'MEDDNA'. How will 'EXPECT' be written in that language?**

Ans
- ✗ 1. PXEECT
- ✗ 2. TCEPXE
- ✓ 3. PXETCE
- ✗ 4. TCEEXP

Question ID : **26433040697**
Status : **Answered**
Chosen Option : **3**

Q.10 **Select the set in which the numbers are related in the same way as are the numbers of the following set.**
(90, 15, 21)
(16, 2, 10)
(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. (80, 20, 16)
- ✗ 2. (80, 6, 15)
- ✓ 3. (46, 23, 25)
- ✗ 4. (60, 10, 6)

Question ID : **26433043226**
Status : **Answered**
Chosen Option : **3**

Q.11 **Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?**
ACF, DFI, GIL, JLO, ?

Ans
- ✗ 1. NOM
- ✗ 2. MON
- ✓ 3. MOR
- ✗ 4. ROM

Question ID : **26433045153**
Status : **Answered**
Chosen Option : **3**

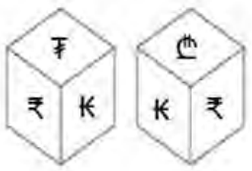
Q.12 **Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the word)**
Castle : Building :: Sedan : ?

Ans
- ✓ 1. Car
- ✗ 2. Bike
- ✗ 3. Motor
- ✗ 4. Truck

Question ID : **26433045079**
Status : **Answered**
Chosen Option : **1**

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Q.13 Two different positions of the same dice are shown, the six faces of which are marked as €, ₭, ₹, ₴, ₹, ₾. Select the symbol that will be on the face opposite to the one showing '₾'.



Ans
- ✗ 1. ₴
- ✓ 2. ₹
- ✗ 3. ₭
- ✗ 4. €

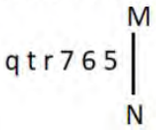
Question ID : **26433041081**
Status : **Answered**
Chosen Option : **2**

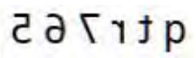
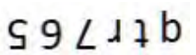
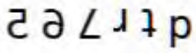
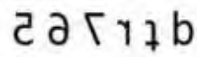
Q.14 **In a certain code language, 'SIGNAL' is coded as 'H18T13Z15', and 'TARGET' is coded as 'G26I20V7'. How will 'VOLUME' be coded in that language?**

Ans
- ✗ 1. E12P6O22
- ✓ 2. E12O6N22
- ✗ 3. F12P6P24
- ✗ 4. F12O7N23

Question ID : **26433039306**
Status : **Answered**
Chosen Option : **2**

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



Ans
- ✓ 1. 
- ✗ 2. 
- ✗ 3. 
- ✗ 4. 

Question ID : **26433040326**
Status : **Answered**
Chosen Option : **1**

Q.16 **In a certain code language, 'COMMON' is written as 'EQOOQP' and 'PREP' is written as 'RTGR'.How will 'MAGNET' be written in that language?**

Ans
- ✗ 1. OAIVGV
- ✗ 2. OBIPGW
- ✗ 3. MCIPGU
- ✓ 4. OCIPGV

Question ID : **26433043405**
Status : **Answered**
Chosen Option : **4**

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Q.17 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
2 * 7 * 3 * 21 * 2 * 23

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

Question ID : **26433040708**
Status : **Answered**
Chosen Option : **2**

Q.18 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(56, 12, 672)

Ans
1. (17, 13, 426)
2. (15, 18, 478)
3. (14, 21, 294)
4. (16, 16, 326)

Question ID : **26433040866**
Status : **Answered**
Chosen Option : **3**

Q.19 If I denotes '÷', J denotes '×', K denotes '–' and L denotes '+', then what will come in place of '?' in the following equation?
118 L (16 I 4) K (72 J 2) L 28 L (39 J 3) = ?

Ans
1. 119
2. 125
3. 123
4. 130

Question ID : **26433043357**
Status : **Answered**
Chosen Option : **3**

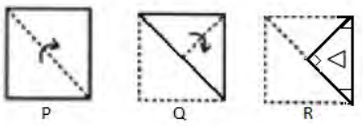
Q.20 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs, EXCEPT one. Find that odd number pair.

Ans
1. 441 : 49
2. 729 : 81
3. 369 : 41
4. 343 : 47

Question ID : **26433040658**
Status : **Answered**
Chosen Option : **4**

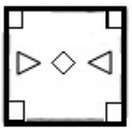
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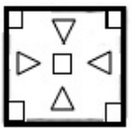
Q.21 A paper is folded (Fig. P and Q) and cut (Fig. R) as shown. How will the paper appear when unfolded?



Ans

✗ 1. 

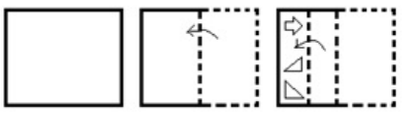
✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **26433045189**
Status : **Answered**
Chosen Option : **4**

Q.22 A paper is folded and cut as shown below. How will it appear when unfolded?

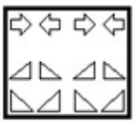


Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **26433044957**
Status : **Answered**
Chosen Option : **4**

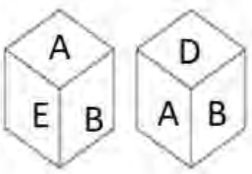
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Q.23 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1.Projectile
2.Projector
3.Prolong
4.Prolific
5.Prohibit

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

Question ID : **26433040283**
Status : **Answered**
Chosen Option : **2**

Q.24 Two different positions of the same dice are shown, the six faces of which are marked as A, B, C, D, E, F. Select the letter that will be on the face opposite to the one showing 'D'.



Ans
✓ 1. E
✗ 2. C
✗ 3. F
✗ 4. B

Question ID : **26433041074**
Status : **Answered**
Chosen Option : **1**

Q.25 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1.Campaigns
2. Catalytic
3. Candidature
4. Camphor
5. Cataracts

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

Question ID : **26433040366**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

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Q.1 **If AB = QR, BC = PR and CA = PQ, then**

Ans
- ✗ 1. ΔPQR ≅ ΔBCA
- ✗ 2. ΔABC ≅ ΔPQR
- ✓ 3. ΔCBA ≅ ΔPRQ
- ✗ 4. ΔBAC ≅ ΔRPQ

Question ID : **26433042532**
Status : **Answered**
Chosen Option : **3**

Q.2 **In a decade, a town's population grew from 1,75,000 to 2,62,500. What is the average annual percentage increase in population?**

Ans
- ✗ 1. 8%
- ✗ 2. 3%
- ✓ 3. 5%
- ✗ 4. 10%

Question ID : **26433044016**
Status : **Answered**
Chosen Option : **3**

Q.3

Find the surface area of a sphere of diameter 21 cm. (Use $\pi = \frac{22}{7}$)

@Qmaths

Ans
- ✗ 1. 988 cm^2
- ✗ 2. 1234 cm^2
- ✗ 3. 1445 cm^2
- ✓ 4. 1386 cm^2

Question ID : **26433042404**
Status : **Answered**
Chosen Option : **4**

Q.4 **A train covers the distance between two stations X and Y in 6 hours. If the speed of the train is reduced by 13 km/h, then it travels the same distance in 9 hours. Find the distance between the two stations**

Ans
- ✗ 1. 220 km
- ✓ 2. 234 km
- ✗ 3. 185 km
- ✗ 4. 215 km

Question ID : **26433038707**
Status : **Answered**
Chosen Option : **2**

Q.5 **In a bag, black tablet covers and white tablet covers are in the ratio 5:9. If there are 450 white tablet covers, how many black tablet covers are there in the bag?**

Ans
- ✗ 1. 200
- ✗ 2. 275
- ✗ 3. 225
- ✓ 4. 250

Question ID : **26433041308**
Status : **Answered**
Chosen Option : **4**

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Q.6 **The average weight of A, B and C is 65 kg. If the average weight of A and B is 62 kg and that of B and C is 66 kg, then the weight (in kg) of B is:**

Ans

✗ 1. 64

✗ 2. 63

✗ 3. 62

✓ 4. 61

Question ID : **26433039338**
Status : **Answered**
Chosen Option : **4**

Q.7 Study the given table and answer the question that follows.

Items	Food	Labour	Raw material	Cloth
Yearly Expense (in thousand rupees)	10	15	16	9

The combined expenses on food and on labour is what percentage of the total expenses on all the four items taken together?

Ans

✗ 1. 40%

✗ 2. 15%

✗ 3. 25%

✓ 4. 50%

Question ID : **26433045904**
Status : **Answered**
Chosen Option : **4**

Q.8 **Anil offers his customer a discount of 15% on a T-shirt and he still makes a profit of 25%. What is the actual cost of the T-shirt marked ₹500?**

Ans

✓ 1. ₹340

✗ 2. ₹330

✗ 3. ₹350

✗ 4. ₹360

Question ID : **26433042701**
Status : **Answered**
Chosen Option : **1**

Q.9 **A family consists of two grandparents, two parents and four grandchildren. The average age of the grandparents is 67 years, that of the parents is 35 years and that of the grandchildren is 9 years. What is the average age of the family?**

Ans

✗ 1. 40 years

✓ 2. 30 years

✗ 3. 36 years

✗ 4. 45 years

Question ID : **26433041657**
Status : **Answered**
Chosen Option : **2**

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Q.10 Find the total surface area of a cuboid whose length is 20 cm, width is 15 cm, and height is 8 cm.

Ans
- ✔ 1. 1160 cm^2
- ✘ 2. 990 cm^2
- ✘ 3. 1120 cm^2
- ✘ 4. 1080 cm^2

Question ID : **26433042410**
Status : **Answered**
Chosen Option : **1**

Q.11 The diagonal of a cube is 24 cm. Find its total surface area.

Ans
- ✔ 1. 1152 cm^2
- ✘ 2. 1252 cm^2
- ✘ 3. 1100 cm^2
- ✘ 4. 1366 cm^2

Question ID : **26433042626**
Status : **Answered**
Chosen Option : **1**

Q.12 The sum of two numbers is 17 and their product is 34.Find the sum of their squares.

Ans
- ✘ 1. 224
- ✔ 2. 221
- ✘ 3. 225
- ✘ 4. 222

Question ID : **26433041351**
Status : **Answered**
Chosen Option : **2**

Q.13 A container is normally filled in 5 hours. However, it takes 6 hours when there is a leak at the bottom. If the container is full, in what time would the leak empty it, if no water is allowed into the container during that period?

Ans
- ✘ 1. 5 h
- ✘ 2. 6 h
- ✘ 3. 15 h
- ✔ 4. 30 h

Question ID : **26433042525**
Status : **Answered**
Chosen Option : **4**

Q.14 When two numbers are separately divided by 44, the remainders are 11 and 38, respectively. If the sum of the two numbers is divided by 44, then the remainder will be:

Ans
- ✘ 1. 16
- ✘ 2. 44
- ✘ 3. 33
- ✔ 4. 5

Question ID : **26433039153**
Status : **Answered**
Chosen Option : **4**

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Q.15 If $\tan\theta + \cot\theta = 4$, then find the value of $\tan^2\theta + \cot^2\theta$.

Ans
✗ 1. 10
✗ 2. 12
✗ 3. 16
✓ 4. 14

Question ID : **26433042738**
Status : **Answered**
Chosen Option : **4**

Q.16 **Find the compound interest on ₹40,000 after 2 years 6 months at 20% per annum, if the interest is compounded half-yearly.**

Ans
✗ 1. ₹24,820.40
✗ 2. ₹25,520
✓ 3. ₹24,420.40
✗ 4. ₹24,920.40

Question ID : **26433042482**
Status : **Answered**
Chosen Option : **3**

Q.17 If $8x^3 + 27y^3 + 64z^3 = 72xyz$, then the relation between x, y and z can be:

Ans
✓ 1. $2x + 3y = -4z$
✗ 2. $2x + y + z = 0$
✗ 3. $2x - 3y + 4z = 0$
✗ 4. $2x + 3y = 4z$

Question ID : **26433042755**
Status : **Answered**
Chosen Option : **1**

Q.18 Study the given table and answer the question that follows.

The table shows the number of different drinks purchased by customers in three different seasons.

Drink / Season	A	B	C	D
Summer	30	45	50	38
Winter	25	32	40	50
Rainy	25	35	38	50

Which of the following is the most favourite drink of the people in winter?

Ans
✗ 1. B
✗ 2. A
✓ 3. D
✗ 4. C

Question ID : **26433045912**
Status : **Answered**
Chosen Option : **3**

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Q.19 If the formula for converting degrees Fahrenheit to degrees Celsius is $C = \frac{5}{9}(F - 32)$, what is the value of F when C is 30?

Ans

✔ 1. 86

✗ 2. $-\frac{10}{9}$

✗ 3. $-\frac{9}{10}$

✗ 4. 54

Question ID : **26433044340**
Status : **Answered**
Chosen Option : **1**

Q.20 **A shoe manufacturing company offers 3 types of discount schemes to its customers: (i) 20% and 12% (ii) 25% and 5% (iii) 30% and 3% at different stages of sales. Find the best scheme for the customer.**

Ans

✔ 1. Only Scheme (iii)

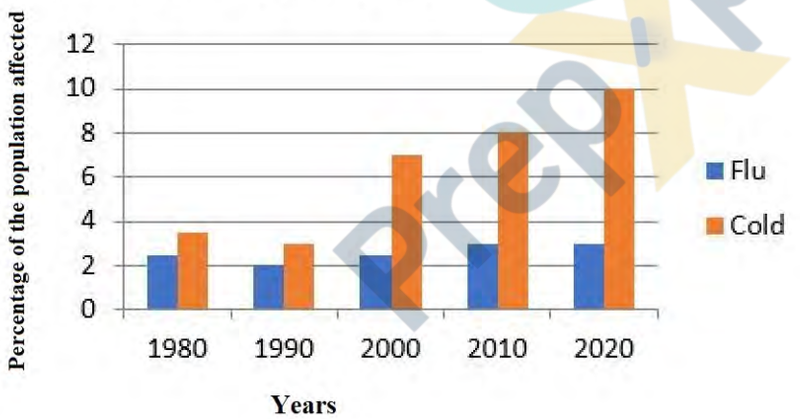
✗ 2. Only Scheme (i)

✗ 3. Only Scheme (ii)

✗ 4. Both Schemes (i) and (ii)

Question ID : **26433044216**
Status : **Answered**
Chosen Option : **1**

Q.21 Study the given graph and answer the following question.



As per data available in the table above, what was the aproximate percentage increase the percentage of the population affected by cold in 2020 when compared to the percentage of the population affected by cold in 1990?

Ans

✗ 1. 43%

✗ 2. 70%

✔ 3. 233%

✗ 4. 333%

Question ID : **26433045942**
Status : **Answered**
Chosen Option : **3**

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Q.22 **Rahul bought 20 dozen toys at a cost of ₹375 each dozen. He sold each of them for ₹33. The profit percentage is:**

Ans
✔ 1. 5.6
✘ 2. 6
✘ 3. 4.7
✘ 4. 5

Question ID : **26433044025**
Status : **Answered**
Chosen Option : **1**

Q.23 **The value of a machine depreciates every year by 10%. If its present value is ₹35,000, then the value of the machine after 2 years will be:**

Ans
✔ 1. ₹28,350
✘ 2. ₹27,225
✘ 3. ₹28,000
✘ 4. ₹27,750

Question ID : **26433039342**
Status : **Answered**
Chosen Option : **1**

Q.24 The value of $\frac{[(5.4)^3 - 0.064]}{[(5.4)^2 + 2.16 + 0.16]}$ is _____.

Ans
✔ 1. 5
✘ 2. 7
✘ 3. 3
✘ 4. 1

Question ID : **26433044378**
Status : **Answered**
Chosen Option : **1**

Q.25 **A beaker contains a mixture of two liquids X and Y in the ratio 5 : 3. When 6 litres of the mixture is drawn off and then replaced with Y, the ratio of X and Y becomes 5 : 7. How many litres of liquid X was contained in the beaker initially?**

Ans
✘ 1. 18.25
✘ 2. 22.5
✔ 3. 11.25
✘ 4. 15.5

Question ID : **26433044188**
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

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Q.1 पद्म विभूषण से सम्मानित उमयालपुरम के. शिवरामन एक _____ वादक हैं।

Ans
- ✔ 1. मृदंगम
- ✘ 2. वायलिन
- ✘ 3. तबला
- ✘ 4. वीणा

Question ID : **26433042234**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **Which of the following is NOT a Fundamental Duty?**

Ans
- ✘ 1. To protect the natural environment
- ✘ 2. To abide by the Constitution
- ✔ 3. To cast vote during elections
- ✘ 4. To uphold and protect the unity and integrity of India

Question ID : **26433038730**
Status : **Answered**
Chosen Option : **3**

Q.3 **Which of the following statements is correct about mitochondria?**

Ans
- ✘ 1. Mitochondria is present only in bacteria.
- ✘ 2. Mitochondria is present in all living cells.
- ✘ 3. Mitochondria is not bound by any membrane.
- ✔ 4. Mitochondria without outer membrane is called mitoplast.

Question ID : **26433041804**
Status : **Answered**
Chosen Option : **3**

Q.4 **Who among the following Indian Playback Singers holds the Guinness world record for singing the highest number of songs in one day?**

Ans
- ✘ 1. Alka Yagnik
- ✔ 2. Kumar Sanu
- ✘ 3. Kavita Krishnamurthy
- ✘ 4. Udit Narayan

Question ID : **26433041742**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **Who recognised the elements carbon, hydrogen and oxygen and opposed the phlogiston theory by discovering the role of oxygen in combustion and respiration?**

Ans
- ✔ 1. Antoine Lavoisier
- ✘ 2. John Dalton
- ✘ 3. Niels Bohr
- ✘ 4. Joseph Louis Proust

Question ID : **26433044712**
Status : **Answered**
Chosen Option : **1**

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Q.6 **Which type of radiation designates a part of the electromagnetic spectrum with frequencies approximately from 300 GHz to 3 kHz, or equivalent, wavelengths approximately from 1 mm to 100km?**

Ans
✗ 1. Microwaves
✗ 2. Infrared waves
✓ 3. Radio waves
✗ 4. Ultraviolet rays

Question ID : **26433044696**
Status : **Answered**
Chosen Option : **3**

Q.7 **निम्नलिखित व्यक्तियों में से किसने भारत के राष्ट्रगान की रचना की है?**

Ans
✗ 1. काजी नजरूल इस्लाम
✗ 2. बंकिम चंद्र चट्टोपाध्याय
✗ 3. सत्यजीत रे
✓ 4. रविंद्रनाथ टैगोर

Question ID : **26433041731**
Status : **Answered**
Chosen Option : **4**

Q.8 **The current in the bulb will stop flowing:**

Ans
✗ 1. when the conductor is on
✓ 2. if the circuit is broken
✗ 3. when the switch is turned on
✗ 4. if there is magnetic field

Question ID : **26433039383**
Status : **Answered**
Chosen Option : **2**

Q.9 **NDP at FC = GDP at FC minus _____**

Ans
✓ 1. depreciation
✗ 2. indirect taxes
✗ 3. net factor income from abroad
✗ 4. subsidies

Question ID : **26433042150**
Status : **Answered**
Chosen Option : **3**

Q.10 **Which of the following brought out the publication 'Elderly in India 2021'?**

Ans
✗ 1. Ministry of Tribal Affairs
✗ 2. Ministry of Health and Family Welfare
✓ 3. Ministry of Statistics and Programme Implementation
✗ 4. Ministry of Planning

Question ID : **26433038919**
Status : **Not Answered**
Chosen Option : **--**

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Q.11 Who among the following is the author of the book 'Boys Don't Cry'?

Ans
- ✗ 1. Zuni Chopra
- ✓ 2. Meghna Pant
- ✗ 3. Melita Tessy
- ✗ 4. Insiya Patanwala.

Question ID : **26433044555**
Status : **Not Answered**
Chosen Option : **--**

Q.12 The Mines and Minerals (Development and Regulation) Amendment Bill, 2021 was introduced in Lok Sabha on 15 March 2021, which amended the Mines and Minerals (Development and Regulation) Act, _____.

Ans
- ✓ 1. 1957
- ✗ 2. 1949
- ✗ 3. 1952
- ✗ 4. 1959

Question ID : **26433044400**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Padma Shri Guru Mayadhar Raut's pioneering spirit revived which of the following dances in 1950s and redefined the grammar and Abhinaya vocabulary of the dance form?

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

Question ID : **26433041774**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Why do people living in the Konkan coast NOT encounter extremes of temperature and seasonal rhythm?

Ans
- ✗ 1. Undulating landform
- ✗ 2. Location on leeward side of Sahyadri
- ✓ 3. Coastal location
- ✗ 4. Monsoon climate

Question ID : **26433039654**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Which place in the southern slopes of the Khasi Hills receives an average of 12,000 mm of rainfall per year?

Ans
- ✗ 1. Mylliem
- ✗ 2. Mairang
- ✓ 3. Mawsynram
- ✗ 4. Nongstoin

Question ID : **26433044783**
Status : **Not Answered**
Chosen Option : **--**

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

Q.16 Where is Indian Institute of Skiing and Mountaineering situated?

Ans
1. Dalhousie
2. Gulmarg
3. Manali
4. Uttarkashi

Question ID : **26433042191**
Status : **Answered**
Chosen Option : **1**

Q.17 In Budget 2022, the Khelo India Scheme, a flagship Central Sector Scheme of the Ministry of Youth Affairs and Sports has been included in which of the following?

Ans
1. President's Awards Scheme
2. PM's Awards Scheme
3. National Awards Scheme
4. Sports Minister's Awards Scheme

Question ID : **26433041857**
Status : **Not Answered**
Chosen Option : **--**

Q.18 Name the classical dancer who was awarded the 'Sangeet Natak Akademi Award' in 1966 for his contribution to Odissi.

Ans
1. Nileshwar Mukherjee
2. Haricharan Singh
3. Kelucharan Mohapatra
4. Bipin Singh

Question ID : **26433038797**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Which of the following is the Sahitya Akademi Award winning novel of the Indian writer Amitav Ghosh?

Ans
1. Flood of Fire
2. The Hungry Tide
3. The Shadow Lines
4. Gun Island

Question ID : **26433042307**
Status : **Not Answered**
Chosen Option : **--**

Q.20 In 2019, which disease,according to WHO,was ranked as the seventh leading cause of death globally?

Ans
1. Alzheimer's disease
2. Stroke
3. Lung cancer
4. Diabetes

Question ID : **26433044747**
Status : **Answered**
Chosen Option : **1**

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Q.21 **Who among the following Hindustani classical vocalists was awarded the Padma Bhushan by the Government of India and the title of 'Rajya Gayika' by the Government of Maharashtra in 1969?**

Ans
- ✗ 1. Gangubai Hangel
- ✗ 2. Sundari Dasi
- ✓ 3. Kesarbai Kerkar
- ✗ 4. Nagrathnamma

Question ID : **26433042331**
Status : **Not Answered**
Chosen Option : **--**

Q.22 **Who among the following internationally acclaimed Kuchipudi dancers has been honoured with the prestigious Bharata Shastra Nritya Praveena National Award 2021?**

Ans
- ✗ 1. Bhavna Reddy
- ✗ 2. V Satyanarayana Sarma
- ✗ 3. Deepa Shashindran
- ✓ 4. Aparna Satheesan

Question ID : **26433041979**
Status : **Not Answered**
Chosen Option : **--**

Q.23 **The central theme of Tokyo Paralympic 2020 was _____.**

Ans
- ✗ 1. Inspire a Generation
- ✓ 2. United by Emotion
- ✗ 3. Faster, Higher, Stronger - Together
- ✗ 4. One World, One Dream

Question ID : **26433044460**
Status : **Answered**
Chosen Option : **2**

Q.24 **Which of the following books is an autobiography of the professional boxer Mike Tyson?**

Ans
- ✗ 1. Game Changer
- ✓ 2. Undisputed Truth: My Autobiography
- ✗ 3. Wide Angle
- ✗ 4. Straight From the Heart: An Autobiography

Question ID : **26433038996**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **The Sangeet Natak Akademi was set up in the year _____.**

Ans
- ✗ 1. 1952
- ✗ 2. 1950
- ✓ 3. 1953
- ✗ 4. 1951

Question ID : **26433042266**
Status : **Not Answered**
Chosen Option : **--**