Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ 1 Sector 62
Exam Date	01/06/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CHSL 2021 Tier I

Section : **English Language**

Q.1 Select the option that can be used as a one-word substitute for the given group of words.
Zeal; burning enthusiasm; passion

Ans ✗ 1. Arid

✓ 2. Ardour

✗ 3. Arcuate

✗ 4. Arena

Question ID : **26433040107**
Status : **Answered**
Chosen Option : **2**

Q.2 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.It is unquestionably evident that this virus brought misery and grief into the lives of the people of other professions too.
B.Covid-19 changed the form and face of every field in the world. It did not leave any field untouched.
C.One of the most affected areas is education. Millions of students all over the world could not get a proper education.
D.Millions of the teachers who are working, specifically in private educational institutes, were not paid full salary during the pandemic.

Ans ✗ 1. ACDB

✓ 2. BCDA

✗ 3. DABC

✗ 4. CBDA

Question ID : **26433043198**
Status : **Answered**
Chosen Option : **2**

Q.3 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Vishnu and family are looking around into the possibility of moving to Canada.

Ans ✗ 1. are looking upto

✗ 2. look into

✓ 3. are looking into

✗ 4. are looking around to

Question ID : **26433040119**
Status : **Answered**
Chosen Option : **1**

Q.4 **Select the most appropriate meaning of the given idiom.**
Hit the books

Ans ✗ 1. To have a very long list

✗ 2. To feel sorry about a mistake

✗ 3. Become very confused

✓ 4. To study very hard

Question ID : **26433039843**
Status : **Answered**
Chosen Option : **4**

Q.5 **Select the most appropriate synonym of the given word.**
Devastate

Ans ✓ 1. Destroy

✗ 2. Produce

✗ 3. Recite

✗ 4. Suppress

Question ID : **26433039773**
Status : **Answered**
Chosen Option : **1**

Q.6 **Select the most appropriate option to fill in the blank.**
We would have loved to stay _____ like children all our lives.

Ans ✓ 1. innocent

✗ 2. shy

✗ 3. fragile

✗ 4. cunning

Question ID : **26433045422**
Status : **Answered**
Chosen Option : **1**

Q.7 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
I remember vivid / the last road trip / we had / before the pandemic hit.

Ans ✗ 1.   the last road trip

✗ 2.   we had

✗ 3.   before the pandemic hit

✓ 4. I remember vivid

Question ID : **26433040025**
Status : **Answered**
Chosen Option : **4**

Q.8 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
The manager / did not / gone to / Bombay yesterday.

Ans ✓ 1. gone to

✗ 2. did not

✗ 3. Bombay yesterday

✗ 4. The manager

Question ID : **26433042845**
Status : **Answered**
Chosen Option : **1**

Q.9 Select the most appropriate ANTONYM of the given word.
Squalid

Ans ✗ 1. Contemporary

✗ 2. Bare

✗ 3. Advanced

✓ 4. Clean

Question ID : **26433039830**
Status : **Answered**
Chosen Option : **4**

Q.10 Select the most appropriate synonym of the given word.
Vanity

Ans ✗ 1. Beauty

✗ 2. Empty

✗ 3. Humility

✓ 4. Conceit

Question ID : **26433039768**
Status : **Answered**
Chosen Option : **4**

Q.11 Select the option that expresses the given sentence in active voice.
Diwali sweets were being prepared by our grandmother.

Ans ✗ 1. Our grandmother prepared Diwali sweets.

✓ 2. Our grandmother was preparing Diwali sweets.

✗ 3. Our grandmother is preparing Diwali sweets.

✗ 4. Our grandmother prepares Diwali sweets.

Question ID : **26433039724**
Status : **Answered**
Chosen Option : **2**

Q.12 Select the most appropriate option that can substitute the underlined segment in the given sentence.
This cat and mouse game are famous with all children in the future.

Ans ✗ 1. would have been

✗ 2. is

✓ 3. will be

✗ 4. was

Question ID : **26433039679**
Status : **Answered**
Chosen Option : **3**

Q.13 Select the most appropriate option to fill in the blank.
The Mahatma Gandhi National Rural Employment Guarantee Act 2005 (Mahatma Gandhi NREGA) aims at enhancing _____ security of households in rural areas of the country by providing at least one hundred days of guaranteed wage employment in a financial year to every household whose adult members volunteer to do unskilled manual work.

Ans ✗ 1. balanced

✗ 2. total

✗ 3. strict

✓ 4. livelihood

Question ID : 26433040132
Status : **Answered**
Chosen Option : **4**

Q.14 Select the most appropriate meaning of the given idiom.
A piece of cake

Ans ✗ 1. An ambitious person

✓ 2. An easy task

✗ 3. An obstacle

✗ 4. A punishment

Question ID : 26433039842
Status : **Answered**
Chosen Option : **2**

Q.15 Select the most appropriate synonym of the given word.
Profess

Ans ✗ 1. Convince

✗ 2. Assume

✗ 3. Predict

✓ 4. Declare

Question ID : 26433039833
Status : **Answered**
Chosen Option : **4**

Q.16 Select the INCORRECTLY spelt word.

Ans ✗ 1. Glamour

✗ 2. Quarantine

✗ 3. Guarantee

✓ 4. Queeuee

Question ID : 26433039800
Status : **Answered**
Chosen Option : **4**

Q.17 Select the INCORRECTLY spelt word.

Ans ✗ 1. Philosophy

✗ 2. Geography

✗ 3. Economics

✓ 4. Spychology

Question ID : 26433039792
Status : **Answered**
Chosen Option : **4**

Q.18 **Select the most appropriate ANTONYM of the word given in bold in the following sentence.**
I broke away from their solicitous grip.

Ans ✗ 1. worried

✓ 2. heedless

✗ 3. knowledgeable

✗ 4. interesting

Question ID : **26433042801**
Status : **Answered**
Chosen Option : **4**

Q.19 **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**
The coach felt extremely nervous on seeing the team performing poorly in the first quarter.

Ans ✓ 1. Heart skipped a beat

✗ 2. Like a cakewalk

✗ 3. Crying Wolf

✗ 4. Raining cats and dogs

Question ID : **26433045507**
Status : **Answered**
Chosen Option : **1**

Q.20 **Select the sentence which has no spelling error.**

Ans ✗ 1. Playing and eating are the two prime works during vecation.

✗ 2. Ooty is my dream vacashun spot.

✗ 3. Geeta is going to Pune for vakation.

✓ 4. Children welcome summer vacation with zeal.

Question ID : **26433043112**
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.
Claims have been made that vaccines are responsible for certain (1)_____ health conditions, particularly autism, speech disorders and inflammatory bowel disease. Some of those claims focused on thimerosal, a mercury-containing compound used as a preservative in vaccines. Some people believed that autism (2)_____ a form of mercury poisoning, caused specifically by thimerosal in childhood vaccines. Those claims have been discredited. Still, misinformation and fear generated by false claims about associations (3)_____ autism and vaccines had a significant impact on individuals' perceptions about vaccine safety. (4)_____, most individuals in countries where vaccination is widespread have never personally experienced vaccine-preventable disease. Thus, the focus of concern for some people shifted from the negative effects of vaccine-preventable disease to the possible negative effects of the vaccines (5)_____.

SubQuestion No : 21

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

Ans ✗ 1. contemptuous

✓ 2. adverse

✗ 3. affirm

✗ 4. disperse

Question ID : **26433043147**
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.

Claims have been made that vaccines are responsible for certain (1)_____ health conditions, particularly autism, speech disorders and inflammatory bowel disease. Some of those claims focused on thimerosal, a mercury-containing compound used as a preservative in vaccines. Some people believed that autism (2)_____ a form of mercury poisoning, caused specifically by thimerosal in childhood vaccines. Those claims have been discredited. Still, misinformation and fear generated by false claims about associations (3)_____ autism and vaccines had a significant impact on individuals' perceptions about vaccine safety. (4)_____, most individuals in countries where vaccination is widespread have never personally experienced vaccine-preventable disease. Thus, the focus of concern for some people shifted from the negative effects of vaccine-preventable disease to the possible negative effects of the vaccines (5)_____.

SubQuestion No : 22

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

Ans ✘ 1. will

✘ 2. shall

✔ 3. was

✘ 4. were

Question ID : **26433043148**
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.

Claims have been made that vaccines are responsible for certain (1)_____ health conditions, particularly autism, speech disorders and inflammatory bowel disease. Some of those claims focused on thimerosal, a mercury-containing compound used as a preservative in vaccines. Some people believed that autism (2)_____ a form of mercury poisoning, caused specifically by thimerosal in childhood vaccines. Those claims have been discredited. Still, misinformation and fear generated by false claims about associations (3)_____ autism and vaccines had a significant impact on individuals' perceptions about vaccine safety. (4)_____, most individuals in countries where vaccination is widespread have never personally experienced vaccine-preventable disease. Thus, the focus of concern for some people shifted from the negative effects of vaccine-preventable disease to the possible negative effects of the vaccines (5)_____.

SubQuestion No : 23

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

Ans ✘ 1. one another

✔ 2. between

✘ 3. each other

✘ 4. through

Question ID : **26433043149**
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.

Claims have been made that vaccines are responsible for certain (1)_____ health conditions, particularly autism, speech disorders and inflammatory bowel disease. Some of those claims focused on thimerosal, a mercury-containing compound used as a preservative in vaccines. Some people believed that autism (2)_____ a form of mercury poisoning, caused specifically by thimerosal in childhood vaccines. Those claims have been discredited. Still, misinformation and fear generated by false claims about associations (3)_____ autism and vaccines had a significant impact on individuals' perceptions about vaccine safety. (4)_____, most individuals in countries where vaccination is widespread have never personally experienced vaccine-preventable disease. Thus, the focus of concern for some people shifted from the negative effects of vaccine-preventable disease to the possible negative effects of the vaccines (5)_____.

SubQuestion No : 24

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

Ans ✔️ 1. For instance

❌ 2. Therefore

❌ 3. In addition

❌ 4. Likewise

Question ID : **26433043150**
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.

Claims have been made that vaccines are responsible for certain (1)_____ health conditions, particularly autism, speech disorders and inflammatory bowel disease. Some of those claims focused on thimerosal, a mercury-containing compound used as a preservative in vaccines. Some people believed that autism (2)_____ a form of mercury poisoning, caused specifically by thimerosal in childhood vaccines. Those claims have been discredited. Still, misinformation and fear generated by false claims about associations (3)_____ autism and vaccines had a significant impact on individuals' perceptions about vaccine safety. (4)_____, most individuals in countries where vaccination is widespread have never personally experienced vaccine-preventable disease. Thus, the focus of concern for some people shifted from the negative effects of vaccine-preventable disease to the possible negative effects of the vaccines (5)_____.

SubQuestion No : 25

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

Ans ✔️ 1. themselves

❌ 2. yourself

❌ 3. ourselves

❌ 4. itself

Question ID : **26433043151**
Status : **Answered**
Chosen Option : **4**

Section : **General Intelligence**

Q.1 Select the option that is related to the fifth term in the same way as the second term is related to the first term and fourth term is related to third term.
POINT : TPKQP :: BONES : SPPHB :: SEVEN : ?

Ans ❌ 1. MEXHS

❌ 2. NEXHS

❌ 3. MFXHS

✔️ 4. NFXHS

Question ID : **26433043589**
Status : **Answered**
Chosen Option : **4**

Q.2 Which of the following numbers will replace the question mark (?) in the given series?
11,33,38,266,275,?

Ans ✗ 1. 3030

✗ 2. 3035

✓ 3. 3025

✗ 4. 3020

Question ID : **26433043541**
Status : **Answered**
Chosen Option : **3**

Q.3 In a certain code language, 'FLUTE' is written as 'VGFOU' and 'EXILE' is written as 'VORCV'. How will 'BLOOD' be written in that language?

Ans ✗ 1. WLLDB

✓ 2. WLLOY

✗ 3. WLOYD

✗ 4. WLLOB

Question ID : **26433040639**
Status : **Answered**
Chosen Option : **2**

Q.4 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
115 * 25 * 15 * 2 * 3

Ans ✗ 1. –, +, =, ×

✓ 2. –, =, ×, ×

✗ 3. =, +, +, ×

✗ 4. =, ×, ×, ×

Question ID : **26433040715**
Status : **Answered**
Chosen Option : **2**

Q.5 Each of the seven friends, Kirti, Siya, Amita, Preeti, Deepika, Jeet and Pari, has scored different marks in an exam. Pari has scored more than Kirti but less than Siya. Deepika has scored less than Preeti but more than Amita. Kirti has scored more than Preeti. Siya is not the highest scorer.
Who among the following has scored more than Pari?

Ans ✓ 1. Jeet

✗ 2. Deepika

✗ 3. Amita

✗ 4. Preeti

Question ID : **26433045148**
Status : **Answered**
Chosen Option : **1**

Q.6 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row:16, 12, 48
Second row: 9, 8, 24
Third row:4,24 ?
(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. 48

✘ 2. 46

✘ 3. 50

✘ 4. 44

Question ID : **26433043328**
Status : **Answered**
Chosen Option : **1**

Q.7 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row- 14, 4, 31
Second row- 38, 10, 79
Third row- 30, 8, ?
(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. 78

✘ 2. 73

✔ 3. 63

✘ 4. 68

Question ID : **26433045259**
Status : **Answered**
Chosen Option : **3**

Q.8 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
54*14*5*72*18*31*11

Ans ✘ 1. =,×,−,÷,×,+

✘ 2. +,−,=,×,−,×

✔ 3. =, ×,+,÷,−,+

✘ 4. −,+,=,×,÷,−

Question ID : **26433040240**
Status : **Answered**
Chosen Option : **3**

Q.9 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(15, 5, 150)
(7, 5, 14)
(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. (16, 8, 128)

✖ 2. (12, 6, 40)

✖ 3. (11, 8, 37)

✖ 4. (14, 7, 108)

Question ID : **26433043230**
Status : **Answered**
Chosen Option : **1**

Q.10 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 shoes are boots.
All boots are heels.
Some slippers are shoes.
Conclusions:
I. All shoes are heels.
II. No slipper is a boot.
III. All shoes are slippers.

Ans ✔ 1. Only conclusion I follows

✖ 2. Only conclusion II follows

✖ 3. Only conclusions I and II follow

✖ 4. Only conclusions I and III follow

Question ID : **26433040732**
Status : **Answered**
Chosen Option : **1**

Q.11 Which of the following numbers will replace the question mark (?) in the given series?
11, 22, 19, ?, 71, 426

Ans ✔ 1. 76

✖ 2. 80

✖ 3. 82

✖ 4. 77

Question ID : **26433040573**
Status : **Answered**
Chosen Option : **1**

Q.12 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. 93 - 310
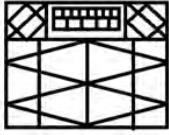
✖ 2. 54 - 180

✔ 3. 48 - 165

✖ 4. 33 - 110

Question ID : **26433045317**
Status : **Answered**
Chosen Option : **3**

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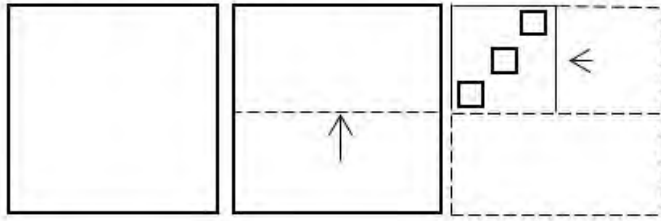

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Question ID : **26433040462**
Status : **Answered**
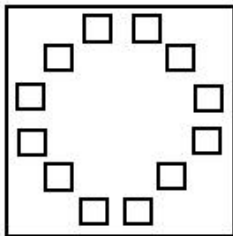Chosen Option : **3**

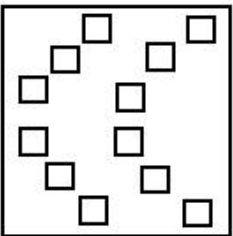**Q.14** A paper is folded and cut as shown. How will it appear when unfolded?
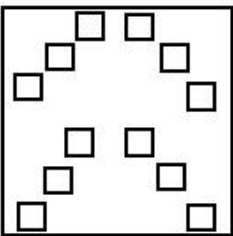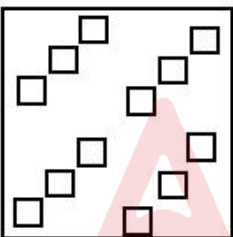

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Question ID : **26433040503**

Status : **Answered**

Chosen Option : **1**

Q.15 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?
WVU, RQP, MLK, HGF, ?

Ans ✔ 1. CBA

✘ 2. DCB

✘ 3. BAZ

✘ 4. DCA

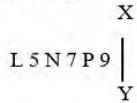Question ID : **26433045154**

Status : **Answered**

Chosen Option : **1**

Q.16 In a certain code language, 'RISE' is written as 'QSHJRTDF' and 'FALL' is written as 'EGZBKMKM'. How will 'KING' be written in that language?

Ans ✗ 1. JOHJMOFH

✗ 2. JLHJMORD

✗ 3. OLHJMOFH

✔ 4. JLHJMOFH

Question ID : **26433043417**
Status : **Answered**
Chosen Option : **4**

Q.17 Select the correct mirror image of the given combination when the mirror is placed at XY as shown.

X

L 5 N 7 P 9

Y

Ans ✗ 1. ƖSNㄥP6

✔ 2. �905N7P9 (L5N7P9)

✗ 3. 9PƖN5Ɩ

✗ 4. L5N7P9

Question ID : **26433040498**
Status : **Answered**
Chosen Option : **2**

Q.18 Which letter-cluster will replace the question mark (?) to complete the given series?
XHFM, TEDL, PBBK, ?, HVXI

Ans ✗ 1. MYYK

✔ 2. LYZJ

✗ 3. MZXK

✗ 4. NZYJ

Question ID : **26433039031**
Status : **Answered**
Chosen Option : **2**

Q.19 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one showing '4'.
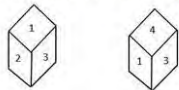
Ans ✗ 1. 6

✗ 2. 1

✗ 3. 3

✔ 4. 2

Question ID : **26433040398**
Status : **Answered**
Chosen Option : **4**

Q.20 **If 19 September 1999 was Sunday, then what was the day of the week on 19 January 2001?**

Ans ✔️ 1. Friday

❌ 2. Thursday

❌ 3. Saturday

❌ 4. Sunday

Question ID : **26433040678**
Status : **Answered**
Chosen Option : **2**

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.
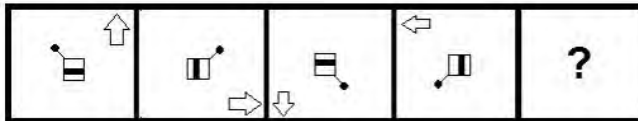
Question ID : **26433045008**
Status : **Answered**
Chosen Option : **4**

Q.22 **Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.**
16*8*10*2*4*28

Ans ❌ 1. ×, ÷,−,+, =

❌ 2. ÷,×,+,−, =

✔️ 3. −,+,÷,×,=

❌ 4. ÷,×,−,+, =

Question ID : **26433040614**
Status : **Answered**
Chosen Option : **3**

Q.23 Select the option figure which is embedded in the given figure as its part (rotation is NOT allowed).

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.
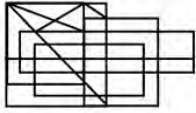
Question ID : **26433040463**
Status : **Answered**
Chosen Option : **3**

Q.24 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1.Ancestors
2.Analyze
3.Antibiotic
4.Analogies
5.Android

Ans ✔ 1. 4,2,1,5,3

✗ 2. 4,2,1,3,5

✗ 3. 4,1,2,5,3

✗ 4. 4,1,2,3,5

Question ID : **26433040369**
Status : **Answered**
Chosen Option : **1**

Q.25 Which two numbers, from amongst the given options, should be interchanged to make the given equation correct?
$(2)^3 ÷ 4 + (72 ÷6)×9 − (21×3) + (15×7) = 92$

Ans ✗ 1. 6 and 3

✗ 2. 3 and 7

✗ 3. 3 and 9

✔ 4. 6 and 9

Question ID : **26433043374**
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 A bought a toy at a discount of 35%. If he paid ₹975, then find the marked price of the toy.

Ans ✗ 1. ₹1,550

✗ 2. ₹1,650

✗ 3. ₹1,600

✓ 4. ₹1,500

Question ID : **26433042429**
Status : **Answered**
Chosen Option : **4**

Q.2 Calculate the 3rd proportional to 14 and 28.

Ans ✗ 1. 65

✗ 2. 16

✗ 3. 24

✓ 4. 56

Question ID : **26433039242**
Status : **Answered**
Chosen Option : **4**

Q.3 Expand $x^2 + 2x + 3$ about $x = -2$.

Ans ✗ 1. $(x-2)^2 - 2(x+2) + 3$

✓ 2. $(x+2)^2 - 2(x+2) + 3$

✗ 3. $(x+2)^2 + 2(x+2) + 3$

✗ 4. $(x-2)^2 - 2(x-2) - 3$

Question ID : **26433042582**
Status : **Answered**
Chosen Option : **2**

Q.4 The marked price of 42 items was equal to the cost price of 70 items. The selling price of 25 items was equal to the marked price of 21 items. Calculate the percentage profit or loss from the sale of each item.

Ans ✗ 1. 42% profit

✗ 2. 29% profit

✗ 3. 29% loss

✓ 4. 40% profit

Question ID : **26433044279**
Status : **Answered**
Chosen Option : **4**

Q.5 The following pie chart describes the number distribution of research scholars department wise in a university. The strength of scholars of which two given subjects exceeds the combined strength of the scholars from Physics and Mathematics?
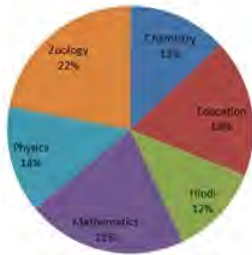
Ans ✗ 1. Zoology and Chemistry

✗ 2. Hindi and Education

✓ 3. Zoology and Education

✗ 4. Hindi and Zoology

Question ID : **26433044243**
Status : **Answered**
Chosen Option : **3**

Q.6 Priya covers a certain distance by her car at a speed of 21 km/h and returns at a speed of 17 km/h. What is her average speed during the travel?

Ans ✓ 1. $18\frac{15}{19}$ km/h

✗ 2. $19\frac{15}{18}$ km/h

✗ 3. $17\frac{15}{21}$ km/h

✗ 4. $18\frac{19}{15}$ km/h

Question ID : **26433038676**
Status : **Answered**
Chosen Option : **1**

Q.7 The average weight of 8 men is increased by 2 kg when one of them, whose weight is 90 kg, is replaced by another man. What is the weight of the new man?

Ans ✗ 1. 74 kg

✗ 2. 116 kg

✗ 3. 92 kg

✓ 4. 106 kg

Question ID : **26433042474**
Status : **Answered**
Chosen Option : **4**

Q.8 The population of a city increases by 10% annually. If its present population is 21,000, what will be the population in 3 years?

Ans ✓ 1. 27951

✗ 2. 27981

✗ 3. 27971

✗ 4. 27961

Question ID : **26433041315**
Status : **Answered**
Chosen Option : **1**

Q.9 A motorcycle covers 50 km at a speed of 25 km/h. Find the speed of the motorcycle for the next 50 km of the journey so that the average speed of the whole journey will be 30 km/h.

Ans ✗ 1. 32.5 km/h

✓ 2. 37.5 km/h

✗ 3. 40 km/h

✗ 4. 35 km/h

Question ID : **26433039518**
Status : **Answered**
Chosen Option : **2**

Q.10 Which of the following numbers is divisible by 15?

Ans ✗ 1. 1,65,485

✓ 2. 3,06,045

✗ 3. 2,12,695

✗ 4. 2,95,145

Question ID : **26433042470**
Status : **Answered**
Chosen Option : **2**

Q.11 Among the following options, which are NOT sides of a triangle?

Ans ✗ 1. 12 cm, 9 cm and 15 cm

✗ 2. 20 cm, 20 cm and 20 cm

✗ 3. 3 cm, 5 cm and 4 cm

✓ 4. 3 cm, 5 cm and 1 cm

Question ID : **26433041385**
Status : **Answered**
Chosen Option : **4**

Q.12 Arun alone can finish a work in 12 days and Shama alone can do it in 15 days. How much time will be taken to finish the work, if Arun and Shama work together?

Ans ✗ 1. $5\frac{2}{3}$ days

✗ 2. $7\frac{1}{3}$ days

✗ 3. $5\frac{1}{3}$ days

✓ 4. $6\frac{2}{3}$ days

Question ID : **26433039138**
Status : **Answered**
Chosen Option : **4**

Q.13 Using 2cosA cosB = cos(A + B) + cos(A – B), find the value of cos75°cos15°.

Ans

✗ 1. $\dfrac{1}{2}$

✔ 2. $\dfrac{1}{4}$

✗ 3. $\dfrac{\sqrt{3}}{2}$

✗ 4. $\dfrac{\sqrt{3}}{4}$

Question ID : **26433043985**
Status : **Answered**
Chosen Option : **2**

Q.14 If $x^4 + \left(\dfrac{1}{x^4}\right) = 322$, then what is the value of $x^3 - \left(\dfrac{1}{x^3}\right)$?

Ans

✗ 1. 16

✔ 2. 76

✗ 3. 96

✗ 4. 46

Question ID : **26433039214**
Status : **Answered**
Chosen Option : **2**

Q.15 Simplify the following expression.

$3\frac{6}{7} - \left\{5\frac{1}{7} - \left(2\frac{3}{7} - 3\overline{\frac{5}{7} - 4}\right)\right\}$

Ans

✗ 1. $\dfrac{34}{7}$

✔ 2. $\dfrac{10}{7}$

✗ 3. $\dfrac{20}{7}$

✗ 4. $\dfrac{44}{7}$

Question ID : **26433041357**
Status : **Answered**
Chosen Option : **2**

Q.16 If $a + b = 2c$, then the value of $\dfrac{a}{a-c} + \dfrac{c}{b-c}$ is:

Ans

  ✗ 1. $\dfrac{1}{2}$

  ✓ 2. 1

  ✗ 3. 0

  ✗ 4. -1

Question ID : **26433041452**
Status : **Answered**
Chosen Option : **2**

Q.17 Find the volume of the cuboid, if its length is twice more than its breadth and its breadth is 8 cm, which is twice its height.
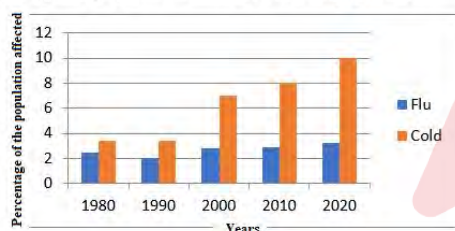
Ans

  ✓ 1. 768 cm^3

  ✗ 2. 769 cm^3

  ✗ 3. 767 cm^3

  ✗ 4. 766 cm^3

Question ID : **26433042727**
Status : **Answered**
Chosen Option : **1**

Q.18 Study the given graph and answer the following question.

As per data available above in which of the given years was the percentage of the population affected by flue the minimum?

Ans

  ✗ 1. 1980

  ✓ 2. 1990

  ✗ 3. 2000

  ✗ 4. 2010

Question ID : **26433045940**
Status : **Answered**
Chosen Option : **2**

Q.19 Under a sale offer for an item, Mahesh was offered 24% discount on the part of the marked price that was paid in cash, but was charged 1.5% on the part of the marked price paid through a credit card. If Mahesh paid 40% of the marked price in cash and the rest through a credit card and his total final payment was ₹6,391, what was the marked price of the item?

Ans

  ✗ 1. ₹7,200

  ✗ 2. ₹6,900

  ✗ 3. ₹7,050

  ✓ 4. ₹7,000

Question ID : **26433043939**
Status : **Answered**
Chosen Option : **4**

Q.20 Ali and Badal start from the same position and at the same time in a 1200 m circular race, with speeds of 27 km/h and 45 km/h, respectively. Find after how much time they will meet again on the track for the first time when they are both running in the same direction.

Ans ✗ 1. 280 seconds

✓ 2. 240 seconds

✗ 3. 250 seconds

✗ 4. 220 seconds

Question ID : **26433044047**
Status : **Answered**
Chosen Option : **2**

Q.21 A man spends 15% of his income on house rent, 60% of the rest on household expenses and saves the rest. If he saves ₹52,500, what is his total income (in ₹, rounded off to the nearest tens)?

Ans ✓ 1. 154410

✗ 2. 145400

✗ 3. 154540

✗ 4. 154420

Question ID : **26433038618**
Status : **Answered**
Chosen Option : **1**

Q.22 Find the volume of a cuboid 16 m long, 12 m broad and 6 m high.

Ans ✗ 1. 1172 m^3

✗ 2. 1572 m^3

✗ 3. 1100 m^3

✓ 4. 1152 m^3

Question ID : **26433039252**
Status : **Answered**
Chosen Option : **4**

Q.23 The area of a triangle whose perimeter is 36 cm and length of two sides is 17 cm and 9 cm will be:

Ans ✗ 1. 32 cm^2

✗ 2. 33 cm^2

✓ 3. 36 cm^2

✗ 4. 35 cm^2

Question ID : **26433039380**
Status : **Answered**
Chosen Option : **3**

Q.24 The given table shows the production (in tonnes) of 4 minerals (Aluminium, Copper, Lead, Nickle) during 1990 to 1994. Study the table and answer the question:

Year	Aluminium	Copper	Lead	Nickel
1990	262	209	235	226
1991	294	212	238	232
1992	298	215	242	238
1993	296	226	266	244
1994	312	228	265	242

In the production of which of the following minerals was there a successive increase over the given years?

Ans

✗ 1. Nickel

✗ 2. Lead

✓ 3. Copper

✗ 4. Aluminium

Question ID : **26433041376**
Status : **Answered**
Chosen Option : **3**

Q.25 Madhuri spends 80% of her salary and Sushma spends 95% of her salary. But the savings of both are equal. Find the income of Sushma, if the sum of their incomes is ₹10,000.

Ans

✗ 1. ₹9,000

✓ 2. ₹8,000

✗ 3. ₹4,000

✗ 4. ₹5,000

Question ID : **26433039234**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 Thetakudi Harihara Vinayakram, an Indian percussionist, is known for popularising which of the following musical instruments?

Ans

✗ 1. Tabla

✗ 2. Sarangi

✓ 3. Ghatam

✗ 4. Sitar

Question ID : **26433042320**
Status : **Not Answered**
Chosen Option : **--**

Q.2 What is the name of Pt. Ravi Shankar's autobiography?

Ans

✗ 1. Music is Life

✓ 2. My Life, My Music

✗ 3. Music is My Life

✗ 4. Musical Journey

Question ID : **26433041905**
Status : **Answered**
Chosen Option : **1**

Q.3 What does 'p' in pH stand for?

Ans ✔ 1. Potenz

✗ 2. Potential

✗ 3. Pleural

✗ 4. Potencial

Question ID : **26433039460**
Status : **Answered**
Chosen Option : **1**

Q.4 The Chairman of the Legislative Council is:

Ans ✗ 1. elected by the Chief Minister and their Cabinet

✗ 2. appointed by the Chief Minister of that state

✔ 3. elected by the members of the Legislative Council

✗ 4. appointed by the Governor of that state

Question ID : **26433039649**
Status : **Answered**
Chosen Option : **3**

Q.5 Sheik Chinna Moulana used to play which of the following instruments?

Ans ✗ 1. Mridangam

✗ 2. Ghatam

✗ 3. Tabla

✔ 4. Nadhaswaram

Question ID : **26433042233**
Status : **Not Answered**
Chosen Option : **--**

Q.6 'Ustad Bismillah Khan Yuva Puraskar' is given by which of the following bodies?

Ans ✗ 1. National School of Drama

✗ 2. Bhartiya Vidya Bhavan

✗ 3. Gandharva Mahavidyalaya

✔ 4. Sangeet Natak Akademi

Question ID : **26433042268**
Status : **Answered**
Chosen Option : **4**

Q.7 What is a way in which adaptation does NOT take place?

Ans ✗ 1. Physiological

✔ 2. Emotional

✗ 3. Behavioural

✗ 4. Morphological

Question ID : **26433039448**
Status : **Answered**
Chosen Option : **2**

Q.8 Ricky Kej a globally acclaimed musician from India won the 57th Grammy Award for which of the following contributions?

Ans ✗ 1. Divine Tides

✓ 2. Winds of Samsara

✗ 3. Mountain Dreams

✗ 4. Mystic Mountains

Question ID : **26433041726**
Status : **Not Answered**
Chosen Option : **--**

Q.9 In 1817, which law of periodicity showed that the atomic weight of phosphorus is the mean of those of nitrogen and arsenic?

Ans ✗ 1. Moseley's Periodic Law

✗ 2. Mendeleev's Periodic Law

✓ 3. Dobereiner's Law of Triads

✗ 4. Newlands' Octaves Law

Question ID : **26433044722**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Which of the following countries won the highest gold medals in Tokyo Olympics 2020?

Ans ✗ 1. Japan

✗ 2. Australia

✗ 3. China

✓ 4. United States of America

Question ID : **26433044471**
Status : **Answered**
Chosen Option : **4**

Q.11 In 1820, who found that electric current causes a nearby magnetic needle to move and thus discovered electromagnetism?

Ans ✗ 1. Benjamin Franklin

✗ 2. James Clerk Maxwell

✓ 3. Hans Christian Oersted

✗ 4. Andre-Marie Ampere

Question ID : **26433044699**
Status : **Answered**
Chosen Option : **3**

Q.12 Which of the following instruments is played by Anokhelal Mishra?

Ans ✗ 1. Surbahar

✗ 2. Sarod

✗ 3. Shehnai

✓ 4. Tabla

Question ID : **26433041931**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Which of the following is a tributary of Damodar river?

Ans ✗ 1. Kangsabati

✗ 2. Shilabati

✗ 3. Rupnarayan

✓ 4. Barakar

Question ID : **26433039662**
Status : **Answered**
Chosen Option : **3**

Q.14 Which 19-year-old wrestler became the first Indian wrestler to win a silver medal at World Wrestling Championship in October 2021 in the 57 kg weight category?

Ans ✗ 1. Bhateri

✓ 2. Anshu Malik

✗ 3. Bipasha

✗ 4. Sanju Devi

Question ID : **26433044427**
Status : **Answered**
Chosen Option : **2**

Q.15 Shanta and VP Dhananjayan were awarded the Rashtriya Kalidas Samman for 2020-21 for significant contribution to which of the following dance forms?

Ans ✓ 1. Bharatanatyam

✗ 2. Odissi

✗ 3. Kathakali

✗ 4. Kuchipudi

Question ID : **26433041779**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Which of the following has been designated as the self-regulatory origination for Micro finance institutions in India?

Ans ✗ 1. Jan-Dhan

✗ 2. Sab-Dhan

✗ 3. Dhan

✓ 4. Sa-Dhan

Question ID : **26433042052**
Status : **Answered**
Chosen Option : **1**

Q.17 Manjamma Jogati became India's first transgender folk dancer to receive a Padma Shri honour for her contribution to art in the year _____.

Ans ✗ 1. 2012

✓ 2. 2021

✗ 3. 2009

✗ 4. 2018

Question ID : **26433044678**
Status : **Not Answered**
Chosen Option : **--**

Q.18 Who gives the Bharat Muni Samman?

Ans ✔ 1. Nalanda Dance Research Centre

✘ 2. Government of India

✘ 3. Sangeet Natak Akademi

✘ 4. State Government

Question ID : **26433041983**
Status : **Answered**
Chosen Option : **1**

Q.19 In which sport is free throw used?

Ans ✘ 1. Volleyball

✘ 2. Softball

✔ 3. Basketball

✘ 4. Throw ball

Question ID : **26433042178**
Status : **Answered**
Chosen Option : **1**

Q.20 The lifting of an object up and down, the parade of an army and the free fall of a heavy object are all examples of which motion?

Ans ✔ 1. Rectilinear motion

✘ 2. Periodic motion

✘ 3. Rotational motion

✘ 4. Oscillatory motion

Question ID : **26433044802**
Status : **Answered**
Chosen Option : **2**

Q.21 Who is the author of the book 'All From Memory: An Autobiography'?

Ans ✘ 1. Leila Seth

✔ 2. BV Acharya

✘ 3. Margaret Alva

✘ 4. Sita Ram Goel

Question ID : **26433038995**
Status : **Not Answered**
Chosen Option : **--**

Q.22 In February 2022, which state launched the 'Paray Shikshalaya' scheme under which elementary education and mid-day meals for students from class 1 to 7 will be provided in open air classrooms?

Ans ✘ 1. Tripura

✘ 2. Assam

✔ 3. West Bengal

✘ 4. Odisha

Question ID : **26433041820**
Status : **Answered**
Chosen Option : **3**

Q.23 Who among the following is the author of the book 'The Coward And The Sword'?

Ans ✗ 1. Rushad Rana

✗ 2. Jimmy Shergill

✗ 3. Uday Chopra

✓ 4. Jugal Hansraj

Question ID : **26433044556**

Status : **Not Answered**

Chosen Option : **--**

Q.24 According to the Henry Cavendish experiment conducted in 1797-1798, what was the value of the universal constant of gravity?

Ans ✗ 1. 7.75×10^{-13} N m^2 /kg^2

✗ 2. 5.75×10^{-10} N m^2/kg^2

✓ 3. 6.75×10^{-11} N m^2/kg^2

✗ 4. 3.75×10^{-9} N m^2 /kg^2

Question ID : **26433044807**

Status : **Answered**

Chosen Option : **3**

Q.25 As per the Essential Defence Services Act, 2021 new plan, how many ordnance factories that make ammunition and other equipment for the armed forces will become part of the seven government-owned corporate entities?

Ans ✓ 1. 41

✗ 2. 27

✗ 3. 46

✗ 4. 39

Question ID : **26433044403**

Status : **Not Answered**

Chosen Option : **--**