

Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ 2 Sector 62
Exam Date	10/06/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL 2021 Tier I

Section : English Language

Q.1 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Interpretation
☒ 2. Tremendous
☒ 3. Persistent
☒ 4. Pronunciation

Question ID : 26433039868

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. To think that a computer would one day replace a book is indeed unthinkable and far fetched.

B. The thoughts and ideas contained in a book are immortal like Tulsidas's Ram Charitra Manas, Ved Vyas' Mahabharata, The Bible and many other religious and literary works like Shakespeare's plays etc.

C. On the other hand a computer is but a machine, that at best can visually display the contents of a specific book.

D. A good book in the words of John Milton "is the precious lifeblood of a master spirit, embalmed and treasured up to a purpose to a life beyond life."

- Ans ☒ 1. BDAC
☒ 2. DBCA
☒ 3. ABDC
☒ 4. DCBA

Question ID : 26433039072

Status : Answered

Chosen Option : 2

Q.3 The following sentence has been split into four segments. Identify the segment that contains an INCORRECTLY spelt word.

Shanu's inquisitive mind could not / accept the seemingly ingenious reply / of the man and he resolved to solve the mystery / to mitigate the pain of the old couple.

- Ans ☒ 1. of the man and he resolved to solve the mystery
☒ 2. accept the seemingly ingenious reply
☒ 3. Shanu's inquisitive mind could not
☒ 4. to mitigate the pain of the old couple

Question ID : 26433045552

Status : Answered

Chosen Option : 2

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Q.4 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Committee
☒ 2. Develop
☒ 3. Referance
☒ 4. Beginning

Question ID : 26433039856
Status : Answered
Chosen Option : 3

Q.5 Select the option that can be used as a one-word substitute for the underlined group of words.
The newspaper dedicated a report giving the news of the death and details about the life of the deceased.

- Ans ☒ 1. Editorial
☒ 2. Illustration
☒ 3. Obituary
☒ 4. Forecast

Question ID : 26433045578
Status : Answered
Chosen Option : 3

Q.6 Select the option that can be used as a one-word substitute for the given group of words.
A pause between the acts of a play

- Ans ☒ 1. Interlude
☒ 2. Interline
☒ 3. Interlace
☒ 4. Interlink

Question ID : 26433040109
Status : Answered
Chosen Option : 1

Q.7 Select the most appropriate meaning of the given idiom.
Face up to

- Ans ☒ 1. Look into face
☒ 2. Personally
☒ 3. Alter the face of
☒ 4. To accept a difficult situation

Question ID : 26433039047
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 perception / of success / vary / from person to person.

- Ans ☒ 1. The perception
☒ 2. vary
☒ 3. of success
☒ 4. from person to person

Question ID : 26433040049
Status : Answered
Chosen Option : 2

Q.9 Select the most appropriate synonym of the given word.
Eccentric

- Ans ☒ 1. Queer
☐ 2. Excellent
☐ 3. Common
☐ 4. Charming

Question ID : 26433039771
Status : Answered
Chosen Option : 1

Q.10 Select the INCORRECTLY spelt word.

- Ans ☐ 1. Accessories
☐ 2. Dominant
☒ 3. Pamplet
☐ 4. Politician

Question ID : 26433039867
Status : Answered
Chosen Option : 2

Q.11 Select the most appropriate meaning of the highlighted idiom.
The team members seem to be running around in circles.

- Ans ☒ 1. To be very active but with few results
☐ 2. To be extremely successful
☐ 3. Hardly any time to breathe
☐ 4. Very dynamic and hardworking

Question ID : 26433045498
Status : Answered
Chosen Option : 1

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

An instrument for detecting an earthquake

- Ans ☐ 1. Electrograph
☒ 2. Seismograph
☐ 3. Spectrograph
☐ 4. Magnetograph

Question ID : 26433039903
Status : Answered
Chosen Option : 2

Q.13 Select the most appropriate meaning of the given idiom.
Hale and hearty

- Ans ☐ 1. Clumsy and calm
☐ 2. Angry but happy
☐ 3. Weak and ill
☒ 4. Strong and healthy

Question ID : 26433043072
Status : Answered
Chosen Option : 2

Q.14 Select the option that can be used as a one-word substitute for the given group of words.

Fall back or sink again (into a worse state after an improvement)

- Ans ☒ 1. Rekindle
☒ 2. Reiterate
☒ 3. Relayed
☒ 4. Relapse

Question ID : 26433045452

Status : Answered

Chosen Option : 4

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

- Ans ☒ 1. Intuitive
☒ 2. Crazy
☒ 3. Astute
☒ 4. Intrinsic

Question ID : 26433039975

Status : Answered

Chosen Option : 2

Q.16 Select the option that expresses the given sentence in direct speech.
Fiona enquired whether I had gone to school on Tuesday.

- Ans ☒ 1. "Had you been going to school on Tuesday?" Fiona asked me.
☒ 2. "Where are you going on Tuesday?" Fiona asked me.
☒ 3. "Did you go to school on Tuesday?" Fiona asked me.
☒ 4. "Are you gone to school on Tuesday? Fiona enquired.

Question ID : 26433043021

Status : Answered

Chosen Option : 3

Q.17 Which word in the given sentence is the ANTONYM of – jeopardy?
We were reluctant to leave the relative safety of our hotel.

- Ans ☒ 1. leave
☒ 2. relative
☒ 3. safety
☒ 4. reluctant

Question ID : 26433045383

Status : Answered

Chosen Option : 3

Q.18 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
He didn't / called me / in the / last week.

- Ans ☒ 1. in the
☒ 2. He didn't
☒ 3. called me
☒ 4. last week

Question ID : 26433045361

Status : Answered

Chosen Option : 1

Q.19 Select the option that expresses the given sentence in passive voice.
He invited me to his place yesterday.

- Ans ☒ 1. I invited to his place yesterday.
☒ 2. I was invited.
☒ 3. I was invited by him to his place yesterday.
☒ 4. To his place I was invited yesterday.

Question ID : 26433042902
Status : Answered
Chosen Option : 3

Q.20 Select the correct homonym from the given options to fill in the blank.
The wind _____ so powerfully that the door closed.

- Ans ☒ 1. blew
☒ 2. blues
☒ 3. blue
☒ 4. blow

Question ID : 26433045542
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.
Everything (1) _____ us makes our environment. Living and non-living things form the (2) _____ of our surroundings. Plants, animals and microbes are parts of our environment. Humans have affected the environment in multiple (3) _____ like clearing of forests, building houses and farms, making roads, etc. This is the root (4) _____ of air, water and land pollution on the planet. Ecologists across the globe are making efforts to educate mankind about the (5) _____ of nature, the crisis we face and the methods of managing these crises.

SubQuestion No : 21

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

- Ans ☒ 1. over
☒ 2. beyond
☒ 3. across
☒ 4. around

Question ID : 26433045737
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.
Everything (1) _____ us makes our environment. Living and non-living things form the (2) _____ of our surroundings. Plants, animals and microbes are parts of our environment. Humans have affected the environment in multiple (3) _____ like clearing of forests, building houses and farms, making roads, etc. This is the root (4) _____ of air, water and land pollution on the planet. Ecologists across the globe are making efforts to educate mankind about the (5) _____ of nature, the crisis we face and the methods of managing these crises.

SubQuestion No : 22

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

- Ans ☒ 1. fractions
☒ 2. ingredients
☒ 3. components
☒ 4. fragments

Question ID : 26433045738

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.
Everything (1) _____ us makes our environment. Living and non-living things form the (2) _____ of our surroundings. Plants, animals and microbes are parts of our environment. Humans have affected the environment in multiple (3) _____ like clearing of forests, building houses and farms, making roads, etc. This is the root (4) _____ of air, water and land pollution on the planet. Ecologists across the globe are making efforts to educate mankind about the (5) _____ of nature, the crisis we face and the methods of managing these crises.

SubQuestion No : 23

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

- Ans ☒ 1. plans
☒ 2. courses
☒ 3. means
☒ 4. ways

Question ID : 26433045739

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.
Everything (1) _____ us makes our environment. Living and non-living things form the (2) _____ of our surroundings. Plants, animals and microbes are parts of our environment. Humans have affected the environment in multiple (3) _____ like clearing of forests, building houses and farms, making roads, etc. This is the root (4) _____ of air, water and land pollution on the planet. Ecologists across the globe are making efforts to educate mankind about the (5) _____ of nature, the crisis we face and the methods of managing these crises.

SubQuestion No : 24

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

- Ans ☒ 1. cause
☒ 2. source
☒ 3. origin
☒ 4. motive

Question ID : 26433045740

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.
Everything (1) _____ us makes our environment. Living and non-living things form the (2) _____ of our surroundings. Plants, animals and microbes are parts of our environment. Humans have affected the environment in multiple (3) _____ like clearing of forests, building houses and farms, making roads, etc. This is the root (4) _____ of air, water and land pollution on the planet. Ecologists across the globe are making efforts to educate mankind about the (5) _____ of nature, the crisis we face and the methods of managing these crises.

SubQuestion No : 25

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

- Ans ☒ 1. surprise
☒ 2. wonders
☒ 3. compassion
☒ 4. sensation

Question ID : 26433045741
Status : Answered
Chosen Option : 3

Section : General Intelligence

Q.1 If 14 January 2022 was Friday, then what will be the day of the week on 28 February 2025?

- Ans ☒ 1. Friday
☒ 2. Monday
☒ 3. Sunday
☒ 4. Saturday

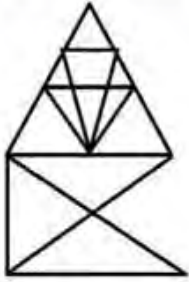
Question ID : 26433040676
Status : Answered
Chosen Option : 1

Q.2 Select the option that is related to the fifth term in the same way as the second term is related to the first term and fourth term related to third term.
5372: 7532 :: 4928: 9842 :: 9284:?

- Ans ☒ 1. 8924
☒ 2. 9842
☒ 3. 8942
☒ 4. 9824

Question ID : 26433043567
Status : Not Answered
Chosen Option : --

Q.3 Find how many triangles are there in the given figure.



- Ans
- ☐ 1. 24
 - ☐ 2. 21
 - ☐ 3. 22
 - ☒ 4. 23

Question ID : 26433043536
Status : Answered
Chosen Option : 2

Q.4 Seven friends A, B, C, D, E, F and G, each has a different height. C is taller than D. A is the shortest among all. Only four people are taller than C. E is taller than G but shorter than F. F is not the tallest. The height of how many people is between the heights of B and G?

- Ans
- ☐ 1. 3
 - ☐ 2. 1
 - ☐ 3. 0
 - ☒ 4. 2

Question ID : 26433043466
Status : Answered
Chosen Option : 4

Q.5 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)
ATM : Bank :: Ambulance : ?

- Ans
- ☐ 1. Nurse
 - ☐ 2. Patient
 - ☒ 3. Hospital
 - ☐ 4. Doctor

Question ID : 26433045081
Status : Answered
Chosen Option : 3

Q.6 In a certain code language, 'ADDITION' is written as 'EBJEJUOP' and 'SUBTRACT' is written as 'VTUCBSUD'. How will 'MULTIPLY' be written in that language?

- Ans
- ☐ 1. VNMUJQMY
 - ☐ 2. UMTILLPY
 - ☒ 3. VNUMQJZM
 - ☐ 4. YLPITLUM

Question ID : 26433040694
Status : Answered
Chosen Option : 3

Q.7 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

- 1.Assertive
- 2.Astringent
- 3.Astronomy
- 4.Aspirations
- 5.Ascertain

Ans ☒ 1. 4,5,1,2,3
☒ 2. 4,2,1,3,5
☒ 3. 5,4,1,2,3
☒ 4. 3,4,1,2,5

Question ID : 26433040368

Status : Answered

Chosen Option : 3

Q.8 Which of the following numbers will replace the question mark (?) in the given series?
 9, 18, 15, ?, 55, 330

Ans ☒ 1. 62
☒ 2. 68
☒ 3. 60
☒ 4. 71

Question ID : 26433040571

Status : Not Answered

Chosen Option : --

Q.9 If I denotes '+', J denotes 'x', K denotes '-' and L denotes '+', then what will come in place of '?' in the following equation?
 (18 I 9) J 12 L 22 K 41 L (36J2) K 2 J 8 = ?

Ans ☒ 1. 80
☒ 2. 61
☒ 3. 60
☒ 4. 71

Question ID : 26433043343

Status : Answered

Chosen Option : 2

Q.10 Which letter-cluster will replace the question mark (?) to complete the given series?
 RSDA, WDUX, ?, GZCR, LKTO

Ans ☒ 1. DYXS
☒ 2. BOLU
☒ 3. BIDZ
☒ 4. CHLS

Question ID : 26433044977

Status : Answered

Chosen Option : 2

Q.11 Which of the following numbers will replace the question mark (?) in the given series?
5, 30, 35, ?, 143, 286

- Ans ☒ 1. 95
☒ 2. 140
☒ 3. 70
☒ 4. 120

Question ID : 26433043595
Status : Not Answered
Chosen Option : --

Q.12 Which letter cluster will replace the question mark (?) to complete the given series?
WXYZ, XWZY, YVAX, ?, ATCV

- Ans ☒ 1. ZUBW
☒ 2. ZUBV
☒ 3. WBUZ
☒ 4. ZBMW

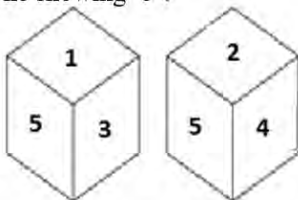
Question ID : 26433040635
Status : Answered
Chosen Option : 1

Q.13 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(45, 37, 360)
(17, 14, 51)
(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. (18, 10, 148)
☒ 2. (35, 22, 465)
☒ 3. (21, 17, 87)
☒ 4. (34, 26, 272)

Question ID : 26433043234
Status : Not Answered
Chosen Option : --

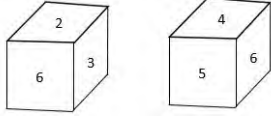
Q.14 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one showing '5'.



- Ans ☒ 1. 2
☒ 2. 3
☒ 3. 4
☒ 4. 6

Question ID : 26433045308
Status : Answered
Chosen Option : 4

Q.15 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 '1'.



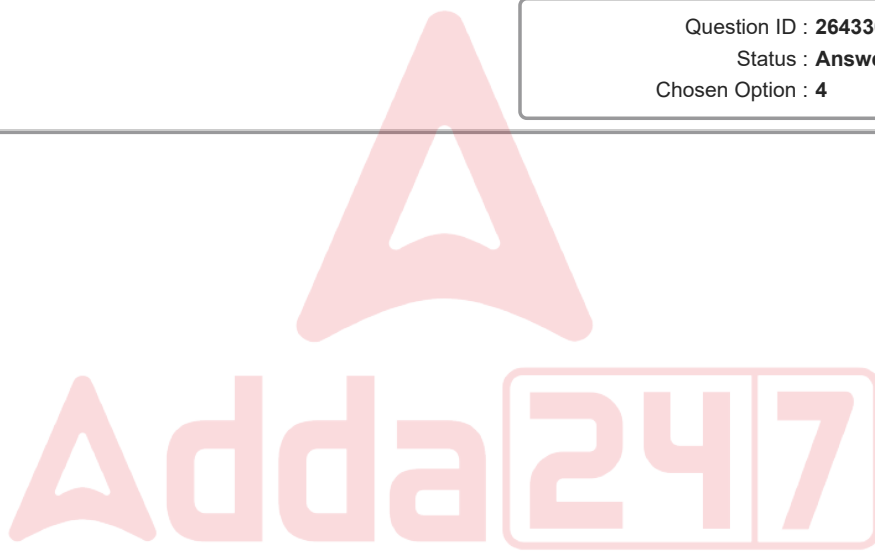
- Ans**
- ☒ 1. 3
 - ☒ 2. 6
 - ☒ 3. 5
 - ☒ 4. 4

Question ID : **26433040783**
Status : **Answered**
Chosen Option : **2**

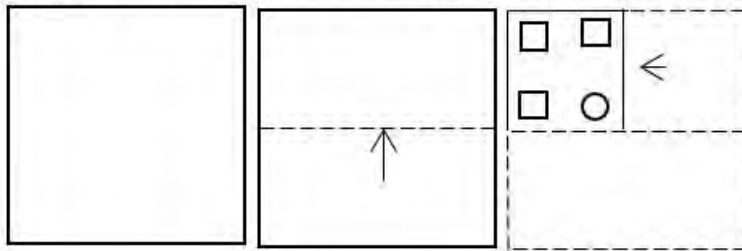
Q.16 Which of the following numbers will replace the question mark (?) in the given series?
36, 45, 63, 90, 126, 171, ?

- Ans**
- ☒ 1. 252
 - ☒ 2. 255
 - ☒ 3. 222
 - ☒ 4. 225

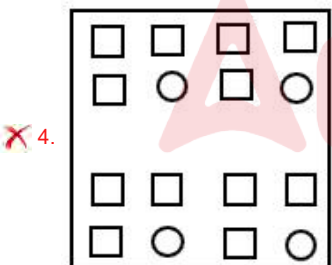
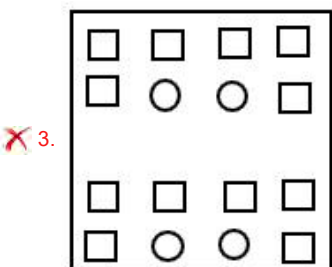
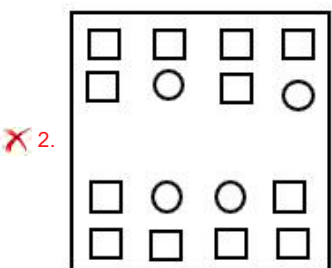
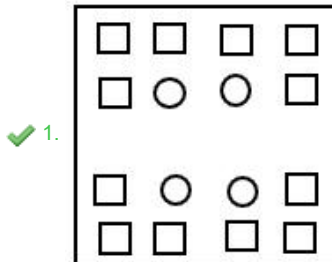
Question ID : **26433045207**
Status : **Answered**
Chosen Option : **4**



Q.17 A paper is folded and cut as shown. How will it appear when unfolded?



Ans



Question ID : 26433040518

Status : Answered

Chosen Option : 1

Q.18 Which two numbers, from amongst the given options, should be interchanged to make the given equation correct?

$$(17 \times 4) - (7)^2 + (63 \div 9) \times 6 + 83 - 41 = 83$$

Ans ✓ 1. 7 and 9

✗ 2. 7 and 6

✗ 3. 4 and 6

✗ 4. 4 and 7

Question ID : 26433043376

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.
 $25*5*10*2*4*21$

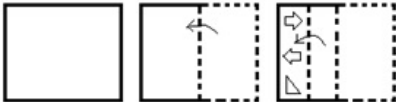
- Ans
- ☒ 1. -, +, ÷, ×, =
 - ☒ 2. ÷, ×, +, -, =
 - ☒ 3. ×, ÷, -, +, =
 - ☒ 4. ÷, +, ×, -, =

Question ID : 26433040620

Status : Answered

Chosen Option : 4

Q.20 A paper is folded and cut as shown below. How will it appear when unfolded?



- Ans
- ☒ 1.
 - ☒ 2.
 - ☒ 3.
 - ☒ 4.

Question ID : 26433044956

Status : Answered

Chosen Option : 1

Q.21 Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term
 $6 : 43 :: ? : 203 :: 20 : 407$

- Ans
- ☒ 1. 14
 - ☒ 2. 15
 - ☒ 3. 8
 - ☒ 4. 12

Question ID : 26433046015

Status : Answered

Chosen Option : 1

Q.22 Which letter will replace the question mark (?) in the following series?

V, S, O, L, ?, E

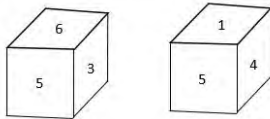
- Ans ☒ 1. J
☒ 2. H
☒ 3. G
☒ 4. I

Question ID : 26433040144

Status : Answered

Chosen Option : 2

Q.23 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 '5'.



- Ans ☒ 1. 2
☒ 2. 4
☒ 3. 6
☒ 4. 1

Question ID : 26433040784

Status : Answered

Chosen Option : 1

Q.24 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(41, 24, 39)

(10, 5, 13)

(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. (27, 19, 44)
☒ 2. (26, 19, 35)
☒ 3. (29, 21, 6)
☒ 4. (22, 17, 37)

Question ID : 26433043221

Status : Not Answered

Chosen Option : --

Q.25 In a certain code language, "ISLAND" is written as "SIALDN", and "LAWYER" is written as "ALYWRE". How will "LAUNCH" be written in that language?

- Ans ☒ 1. ALNUHC
☒ 2. ALUNHC
☒ 3. ALHNUC
☒ 4. ALNUCH

Question ID : 26433043486

Status : Answered

Chosen Option : 1

Q.1 The mean of five numbers is 18. If one number is excluded, their mean is 16. The excluded number is:

- Ans ☒ 1. 30
☒ 2. 26
☒ 3. 36
☒ 4. 32

Question ID : 26433042375
 Status : Answered
 Chosen Option : 2

Q.2 After seeing a policeman from a distance of 500 m, a thief starts running at a speed of 10 km/h. After noticing, the policeman chases immediately with a speed of 12 km/h, and the thief is caught. The distance run by the policeman is:

- Ans ☒ 1. 2.4 km
☒ 2. 3 km
☒ 3. 2.5 km
☒ 4. 3.6 km

Question ID : 26433042564
 Status : Not Answered
 Chosen Option : --

Q.3 A varies jointly with B and C. A = 6 when B = 3 and C = 2. Find A when B = 5 and C = 7.

- Ans ☒ 1. 17.5
☒ 2. 35
☒ 3. 105
☒ 4. 70

Question ID : 26433042520
 Status : Not Answered
 Chosen Option : --

Q.4 Which of the following options has the greatest value?

- Ans ☒ 1. $20+4+(-8)-2+3+6$
☒ 2. $(-22)+(-4-7)$
☒ 3. $(-18)-45+(-3-2)$
☒ 4. $(-99)+(-44)-12$

Question ID : 26433042366
 Status : Answered
 Chosen Option : 1

Q.5 In $\triangle ABC$, if G is the centroid and AD is a median with length 9 cm, then the length of AG is:

- Ans ☒ 1. 8 cm
☒ 2. 5 cm
☒ 3. 7 cm
☒ 4. 6 cm

Question ID : 26433042730
 Status : Answered
 Chosen Option : 4

Q.6 A sum of ₹14,375, when invested at $r\%$ interest per year compounded annually, amounts to ₹16,767 after two years. What is the value of r ?

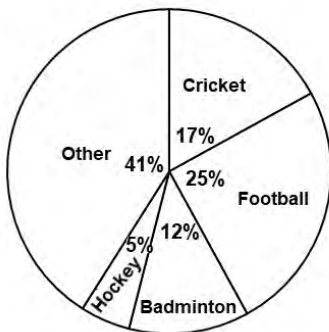
- Ans
- ☒ 1. 9
 - ☒ 2. 6
 - ☒ 3. 7
 - ☒ 4. 8

Question ID : 26433044291

Status : Not Answered

Chosen Option : --

Q.7 In a school of 200 students, the following chart represents the percentage of students involved in different sports.



What is the number of students playing cricket?

- Ans
- ☒ 1. 34
 - ☒ 2. 24
 - ☒ 3. 83
 - ☒ 4. 17

Question ID : 26433045917

Status : Answered

Chosen Option : 1

Q.8 The average of 10 observations is 21. A new observation is included and the average of these 11 numbers is 1 less than the previous average. The 11th observation is _____.

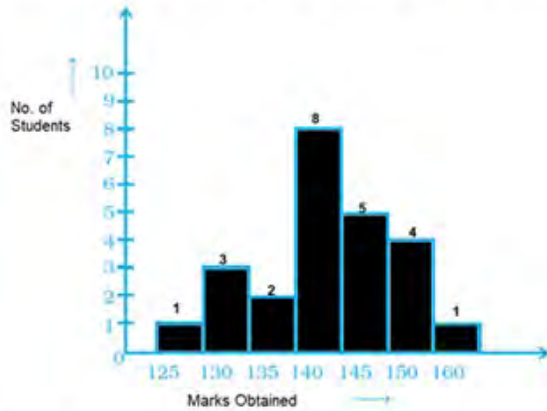
- Ans
- ☒ 1. 21
 - ☒ 2. 11
 - ☒ 3. 10
 - ☒ 4. 12

Question ID : 26433042606

Status : Answered

Chosen Option : 3

Q.9 Observe the graph and answer the question that follows.



How many students obtained marks more than 130?

- Ans
- ☒ 1. 14
 - ☒ 2. 19
 - ☒ 3. 20
 - ☒ 4. 17

Question ID : 26433041325
Status : Answered
Chosen Option : 3

Q.10 Which of the following is the least 6-digit number that is divisible by 93?

- Ans
- ☒ 1. 100068
 - ☒ 2. 100070
 - ☒ 3. 100075
 - ☒ 4. 100065

Question ID : 26433042678
Status : Not Answered
Chosen Option : --

Q.11 A number x is three times another number y . If the sum of both the numbers is 20, then x and y , respectively, are:

- Ans
- ☒ 1. 8 and 12
 - ☒ 2. 15 and 5
 - ☒ 3. 5 and 15
 - ☒ 4. 2 and 18

Question ID : 26433044159
Status : Answered
Chosen Option : 2

Q.12 A person could save 20% of his income. A year later, his income increased by 25% but he could save the same amount only as before. By what percentage has his expenditure increased?

- Ans
- ☐ 1. 27.5%
 - ☐ 2. 32.5%
 - ☒ 3. 31.25%
 - ☐ 4. 29.75%

Question ID : 26433039521
Status : Answered
Chosen Option : 3

Q.13 The marked price of a table fan is ₹3,750 and is available to the retailer at a discount of 20%. At what price should the retailer sell it to earn a profit of 15%?

- Ans
- ☐ 1. ₹3,350
 - ☐ 2. ₹3,400
 - ☐ 3. ₹3,300
 - ☒ 4. ₹3,450

Question ID : 26433039121
Status : Answered
Chosen Option : 4

Q.14 Ravi drove for 4 hours at a speed of 70 miles per hour and for 2 hours at 40 miles per hour. What was his average speed (in miles per hour) for the whole journey?

- Ans
- ☐ 1. 50
 - ☒ 2. 60
 - ☐ 3. 55
 - ☐ 4. 45

Question ID : 26433042686
Status : Answered
Chosen Option : 2

Q.15 What is the product of $(x + a)$ and $(x + b)$?

- Ans
- ☒ 1. $x^2 + (a + b)x + ab$
 - ☐ 2. $x^2 + (a - b)x + ab$
 - ☐ 3. $x^2 + (a + b)x - ab$
 - ☐ 4. $x^2 + (a - b)x - ab$

Question ID : 26433042548
Status : Answered
Chosen Option : 1

Q.16 What is the height of a solid right circular cylinder whose radius is 3 cm and total surface area is $60\pi \text{ cm}^2$?

- Ans
- ☐ 1. 3 cm
 - ☐ 2. 5 cm
 - ☒ 3. 7 cm
 - ☐ 4. 9 cm

Question ID : 26433044134
Status : Answered
Chosen Option : 3

Q.17 45 people can repair a road in 10 days, working 6 hours a day. In how many days can 30 people, working 6 hours a day, complete the same work?

- Ans
- ☒ 1. 12
 - ☒ 2. 10
 - ☒ 3. 18
 - ☒ 4. 15

Question ID : 26433042448
Status : Answered
Chosen Option : 4

Q.18 What is the area (in cm^2) of an equilateral triangle of side 20 cm?

- Ans
- ☒ 1. $100\sqrt{3}$
 - ☒ 2. 200
 - ☒ 3. 100
 - ☒ 4. $100\sqrt{2}$

Question ID : 26433038635
Status : Answered
Chosen Option : 1

Q.19 Under a discount scheme, a dozen pair of gloves quoted at ₹200 is available at a discount of 20%. How many pairs of gloves can be bought for ₹320?

- Ans
- ☒ 1. 15
 - ☒ 2. 20
 - ☒ 3. 18
 - ☒ 4. 24

Question ID : 26433042478
Status : Answered
Chosen Option : 4

Q.20 The value of $\sin 73^\circ + \cos 137^\circ$ is:

- Ans
- ☒ 1. $\sin 13^\circ$
 - ☒ 2. $\cos 13^\circ$
 - ☒ 3. $\cos 18^\circ$
 - ☒ 4. $\sin 18^\circ$

Question ID : 26433041444
Status : Not Answered
Chosen Option : --

Q.21 The diameter of the base of a right-circular cylinder is 12 cm and the height of the cylinder is 2.45 times the radius of its base. Find the curved surface area of the cylinder. [Use $\pi = \frac{22}{7}$]

- Ans
- ☒ 1. 552.4 cm^2
 - ☒ 2. 556.4 cm^2
 - ☒ 3. 544.4 cm^2
 - ☒ 4. 554.4 cm^2

Question ID : 26433044306
Status : Answered
Chosen Option : 4

Q.22 If $x + y + z = 10$, $x^2 + y^2 + z^2 = 30$, then the value of $x^3 + y^3 + z^3 - 3xyz$ is _____.

- Ans ☒ 1. -70
☒ 2. -10
☒ 3. -30
☒ 4. -50

Question ID : 26433044384
 Status : Answered
 Chosen Option : 4

Q.23 A pen passing through two hands is finally sold at a profit of 44% of the original cost price. If the first dealer makes a profit of 20%, then the profit made by the second dealer is:

- Ans ☒ 1. 36%
☒ 2. 24%
☒ 3. 20%
☒ 4. 27%

Question ID : 26433038684
 Status : Answered
 Chosen Option : 3

Q.24 A shopkeeper purchases 20000 units of a product at ₹1 each, 15000 units at ₹1.15 each and 5000 units at ₹2 each. What is the weighted average price of one unit? (Correct to two decimal places)

- Ans ☒ 1. ₹1.36
☒ 2. ₹1.20
☒ 3. ₹1.18
☒ 4. ₹1.38

Question ID : 26433041574
 Status : Answered
 Chosen Option : 3

Q.25 The table below shows the number of cakes sold by six different bakeries in a town on five different days of particular week.

	Days				
	Monday	Tuesday	Thursday	Saturday	Sunday
Bakery					
A	222	255	215	250	266
B	205	275	314	295	260
C	245	266	305	195	235
D	221	230	185	300	280
E	312	325	298	272	254
F	175	205	255	240	308

What is the total number of cakes sold by the bakery D on Monday, Thursday and Sunday, taken together?

- Ans ☒ 1. 686
☒ 2. 668
☒ 3. 779
☒ 4. 530

Question ID : 26433045934
 Status : Answered
 Chosen Option : 1

Section : General Awareness

Q.1 In 1928, who discovered that when a ray of coloured light enters a liquid, a fraction of the light scattered by that liquid is of a different colour?

- Ans**
- ☒ 1. Lord Rayleigh
 - ☒ 2. CV Raman
 - ☒ 3. SN Bose
 - ☒ 4. John Tyndall

Question ID : 26433044700
Status : Not Answered
Chosen Option : --

Q.2 Which of the following autobiographies is written by former English footballer, David Beckham published in 2003 ?

- Ans**
- ☒ 1. A Shot at History
 - ☒ 2. The Greatest: My own Story
 - ☒ 3. My Side
 - ☒ 4. Standing my Ground

Question ID : 26433042157
Status : Not Answered
Chosen Option : --

Q.3 Which sport scheme was extended from 2021-22 to 2025-26 in March 2021?

- Ans**
- ☒ 1. Rajiv Gandhi Khel Abhiyan
 - ☒ 2. Urban Sports Infrastructure Scheme
 - ☒ 3. Khelo India
 - ☒ 4. National Sports Talent Search Scheme

Question ID : 26433041859
Status : Not Answered
Chosen Option : --

Q.4 In which state is cactus vegetation found in dry areas of Thorny Bushes in the form of spines?

- Ans**
- ☒ 1. West Bengal
 - ☒ 2. Assam
 - ☒ 3. Odisha
 - ☒ 4. Rajasthan

Question ID : 26433039494
Status : Answered
Chosen Option : 4

Q.5 Kalamandalam Rajan received the Sangeet Natak Akademi Award 2009 for which of the following dance forms?

- Ans**
- ☒ 1. Kathakali
 - ☒ 2. Bharatanatyam
 - ☒ 3. Kathak
 - ☒ 4. Odissi

Question ID : 26433042339
Status : Answered
Chosen Option : 1

Q.6 What is the duration of the interval in a football match?

- Ans ☒ 1. 15 minutes
☒ 2. 10 minutes
☒ 3. 30 minutes
☒ 4. 12 minutes

Question ID : 26433044506
 Status : Answered
 Chosen Option : 3

Q.7 Diving comes under which category of sport?

- Ans ☒ 1. Defensive sport
☒ 2. Martial arts
☒ 3. Combat sport
☒ 4. Aquatic sport

Question ID : 26433042208
 Status : Answered
 Chosen Option : 4

Q.8 What is the upper limit of annual household income for microfinance borrowers in rural areas?

- Ans ☒ 1. ₹1 lakh
☒ 2. ₹1.25 lakh
☒ 3. ₹1.5 lakh
☒ 4. ₹2 lakh

Question ID : 26433044443
 Status : Answered
 Chosen Option : 1

Q.9 Which of the following Bollywood choreographers has won the 63rd National Film Awards in the category of Best Choreography for his/her excellent work in the Hindi movie 'Diwani Mastani'?

- Ans ☒ 1. Ganesh Acharya
☒ 2. Remo D'Souza
☒ 3. Prabhu Deva
☒ 4. Farah Khan

Question ID : 26433042347
 Status : Not Answered
 Chosen Option : --

Q.10 Which Article of the Indian Constitution empowers a High Court to issue writs for the enforcement of the Fundamental Rights of the citizens?

- Ans ☒ 1. Article 226
☒ 2. Article 235
☒ 3. Article 230
☒ 4. Article 242

Question ID : 26433039641
 Status : Answered
 Chosen Option : 1

Q.11 Which of the following is the correct pair?

- Ans ☒ 1. Kalamandalam Kalyanikutty Amma - Mohiniyattam
☒ 2. Sonal Mansingh - Manipuri
☒ 3. Shovana Narayan - Odissi
☒ 4. Bala Sarasawati - Kathak

Question ID : 26433041963
 Status : Answered
 Chosen Option : 1

Q.12 'Faster than Lightning - My Story' is the autobiography of ____.

- Ans ☒ 1. Hima Das
☒ 2. Usain Bolt
☒ 3. Dutee Chand
☒ 4. P T Usha

Question ID : 26433041910
 Status : Answered
 Chosen Option : 2

Q.13 Which is a major essential lipophilic (fat-soluble) vitamin required for the protection of cell membranes and the formation of red blood cells (RBCs)?

- Ans ☒ 1. Vitamin A
☒ 2. Vitamin C
☒ 3. Vitamin D
☒ 4. Vitamin E

Question ID : 26433044743
 Status : Not Answered
 Chosen Option : --

Q.14 Gangubai Hangal was an Indian vocalist of Hindustani classical tradition who was awarded the Sangeet Natak Academy Award in 1973. From which of the following musical Gharanas did she belong?

- Ans ☒ 1. Banaras Gharana
☒ 2. Patiala Gharana
☒ 3. Kirana Gharana
☒ 4. Agra Gharana

Question ID : 26433042319
 Status : Not Answered
 Chosen Option : --

Q.15 The long jumper _____ won Silver in the U-20 World Athletics Championships in August 2021.

- Ans ☒ 1. Shaili Singh
☒ 2. MA Prajusha
☒ 3. Nayana James
☒ 4. Reeth Abraham

Question ID : 26433044426
 Status : Not Answered
 Chosen Option : --

Q.16 In which year did Rudolf Virchow published an essay titled 'Cellular Pathology' in which he famously declared that "every cell arises from another cell"?

- Ans ☒ 1. 1865
☒ 2. 1845
☒ 3. 1835
☒ 4. 1855

Question ID : 26433044758

Status : Not Answered

Chosen Option : --

Q.17 Who among the following Hindustani classical musicians blended the best of classical music and created a unique style of music of his own who was often touted as the Tansen of 20th century?

- Ans ☒ 1. Ustad Bade Ghulam Ali Khan
☒ 2. Ustab Ali Baksh Khan
☒ 3. Ustad Chhote Ghulam Ali Khan
☒ 4. Munawar Ali Khan

Question ID : 26433042314

Status : Not Answered

Chosen Option : --

Q.18 By what metabolic process in the kitchen can you make food like curd, paneer and sauerkraut?

- Ans ☒ 1. Fermentation
☒ 2. Condensation
☒ 3. Pasteurisation
☒ 4. Steaming

Question ID : 26433044861

Status : Answered

Chosen Option : 1

Q.19 Which of the following is an organic compound with the formula $C_6H_4Cl_2$ that is used as a fumigant insecticide to control cloth moths?

- Ans ☒ 1. Paradichlorobenzene
☒ 2. Ethylbenzene
☒ 3. Benzoyl chloride
☒ 4. Chlorobenzene

Question ID : 26433044708

Status : Answered

Chosen Option : 3

Q.20 Which of the following pairs is INCORRECT?

- Ans ☒ 1. Kumar Gandharva – Guitar
☒ 2. Zia Mohiuddin Dagar – Rudra Vina
☒ 3. Kadri Gopalnath – Saxophone
☒ 4. Bombay Jayashree – Vocalist

Question ID : 26433041947

Status : Not Answered

Chosen Option : --

Q.21 In which sport did TP Ouseph receive the Dronacharya Award in the Lifetime Achievement category for outstanding coaches in Sports and Games 2021?

- Ans
- ☒ 1. Kabaddi
 - ☒ 2. Cricket
 - ☒ 3. Hockey
 - ☒ 4. Athletics

Question ID : 26433044428
Status : Answered
Chosen Option : 4

Q.22 In which year was International Booker Prize established?

- Ans
- ☒ 1. 2005
 - ☒ 2. 1969
 - ☒ 3. 1981
 - ☒ 4. 1918

Question ID : 26433039604
Status : Not Answered
Chosen Option : --

Q.23 In the format of the IUPAC name of the organic compound, the term 'Root' is used to represent:

- Ans
- ☒ 1. functional groups that may be present in the compound
 - ☒ 2. the cyclic or acyclic nature of the given compound
 - ☒ 3. the number of carbon atoms in the parent chain
 - ☒ 4. the presence of side chains or substituent groups

Question ID : 26433044812
Status : Not Answered
Chosen Option : --

Q.24 Ms. Kamalini Asthana and Ms. Nalini Asthana are conferred with one of the top highest civilian awards of India, Padma Shri 2022. Which of the following dance forms of Banaras Gharana are they known for?

- Ans
- ☒ 1. Odissi
 - ☒ 2. Kathakali
 - ☒ 3. Kuchipudi
 - ☒ 4. Kathak

Question ID : 26433042351
Status : Answered
Chosen Option : 4

Q.25 Ustad Hassu Khan, Ustad Haddu Khan and Ustad Nathu Khan were exponents of the _____ Gharana.

- Ans
- ☒ 1. Benaras
 - ☒ 2. Gwalior
 - ☒ 3. Delhi
 - ☒ 4. Patiala

Question ID : 26433044577
Status : Not Answered
Chosen Option : --