Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Trinity 1Shri Jairam Education Society Kokta Bypass Road.
Exam Date	03/06/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL 2021 Tier I

Section : **English Language**

Q.1 **Select the most appropriate meaning of the given idiom.**
Have a long face

Ans ✔ 1. Look unhappy or disappointed

✗ 2. Portray an ugly expression

✗ 3. Look extremely happy

✗ 4. Look very confident

Question ID : **26433043134**
Status : **Answered**
Chosen Option : **1**

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

Ans ✔ 1. Curiocity

✗ 2. Maturity

✗ 3. Creativity

✗ 4. Generosity

Question ID : **26433039793**
Status : **Answered**
Chosen Option : **1**

Q.3 **Select the option that can be used as a one-word substitute for the given group of words.**
One who believes in the existence of a god or gods

Ans ✗ 1. Linguist

✗ 2. Atheist

✔ 3. Theist

✗ 4. Leftist

Question ID : **26433039820**
Status : **Answered**
Chosen Option : **2**

Q.4 From among the words given in bold, select the INCORRECTLY spelt word in the following sentence.
The action was unfortunately constructed not as the necessity of conscience but as deliberate imprudance, and the barrister was unofficially reprimanded.

Ans ✔ 1. imprudance

✘ 2. conscience

✘ 3. necessity

✘ 4. reprimanded

Question ID : **26433043168**
Status : **Answered**
Chosen Option : **1**

Q.5 Select the most appropriate ANTONYM of the given word.
Marvellous

Ans ✘ 1. Adverse

✔ 2. Terrible

✘ 3. tolerable

✘ 4. Mythical

Question ID : **26433042932**
Status : **Answered**
Chosen Option : **2**

Q.6 Select the option that can be used as a one-word substitute for the underlined group of words.
It is better to contact someone who draws maps to get help in your research project.

Ans ✘ 1. Calligraphist

✘ 2. Psephologist

✔ 3. Cartographer

✘ 4. Lexicographer

Question ID : **26433045585**
Status : **Answered**
Chosen Option : **3**

Q.7 Identify the option that arranges the given parts in the correct order to form a meaningful and coherent paragraph.
a) Further, loud music is also a cause of noise pollution
b) Noise pollution is the result of aircraft and heavy traffic.
c) which has been seen to affect people's hearing and
d) give them severe headaches and high blood pressure

Ans ✘ 1. a,b,c,d

✘ 2. c,a,b,d

✘ 3. d,c,a,b

✔ 4. b,a,c,d

Question ID : **26433039886**
Status : **Answered**
Chosen Option : **4**

Q.8 Select the option that will improve the underlined part of the given sentence.
Danny is the <u>better</u> basketball player in the team.

Ans ✗ 1. good

✗ 2. most

✓ 3. best

✗ 4. gooder

Question ID : **26433043014**
Status : **Answered**
Chosen Option : **3**

Q.9 Select the most appropriate option to fill in the blank.

Two _____ control the judge's decision: justice and impartiality.

Ans ✗ 1. officials

✗ 2. members

✓ 3. principles

✗ 4. advocates

Question ID : **26433039729**
Status : **Answered**
Chosen Option : **3**

Q.10 The following sentence contains a grammatical error. Select the option that correctly rectifies the error.
As a rule, single sentences should not be write or printed as paragraphs.

Ans ✗ 1. As a rule, single sentences should not be wrote or printed as paragraphs.

✗ 2. As a rule, single sentences should not write or print as paragraphs.

✗ 3. As a rule, single sentences shall not have written or printed as paragraphs.

✓ 4. As a rule, single sentences should not be written or printed as paragraphs.

Question ID : **26433042996**
Status : **Answered**
Chosen Option : **4**

Q.11 Select the most appropriate synonym of the given word.

Pleasing

Ans ✓ 1. Gratifying

✗ 2. Festive

✗ 3. Mournful

✗ 4. Sagging

Question ID : **26433043191**
Status : **Answered**
Chosen Option : **1**

Q.12 Select the most appropriate ANTONYM of the given word.

Ardent

Ans ✗ 1. Admirable

✗ 2. Beautiful

✗ 3. Sincere

✓ 4. Apathetic

Question ID : **26433040002**
Status : **Answered**
Chosen Option : **1**

Q.13 Select the most appropriate option to substitute the underline segment in the given sentence.
Some politicians <u>turn up their face</u> at the hard life of downtrodden people.

Ans ✗ 1. turn up their eyes

✓ 2. turn up their nose

✗ 3. turn up their mouth

✗ 4. turn up their ears

Question ID : **26433042823**
Status : **Answered**
Chosen Option : **2**

Q.14 Spot the error in the given sentence and select the correct sentence from the options given.
All the panel members has been invited for the monthly meeting.

Ans ✗ 1. All the panel members was invited for the monthly meeting.

✗ 2. All the panel members been invited for the monthly meeting.

✓ 3. All the panel members have been invited for the monthly meeting.

✗ 4. All the panel members would have being invited for the monthly meeting.

Question ID : **26433040054**
Status : **Answered**
Chosen Option : **3**

Q.15 Select the option that can be used as a one-word substitute for the given group of words.
Someone who is shy and spends time alone rather than being with others

Ans ✗ 1. Egoist

✗ 2. Extravert

✓ 3. Introvert

✗ 4. Monk

Question ID : **26433039823**
Status : **Answered**
Chosen Option : **3**

Q.16 **Select the most appropriate meaning of the given idiom.**
The best of both worlds

Ans ✗ 1. The best practices in both, ancient times and present times

✗ 2. The best people on Earth and in heaven

✓ 3. An advantageous situation from two different things at a time

✗ 4. Being good in dreams and in reality

Question ID : **26433039790**
Status : **Answered**
Chosen Option : **3**

Q.17 **Select the option that expresses the given sentence in passive voice.**
He does not trust anybody.

Ans ✗ 1. Anybody is not to be trusted by him.

✗ 2. Anybody is trusted not by him.

✓ 3. Nobody is trusted by him.

✗ 4. Nobody trusts him.

Question ID : **26433043048**
Status : **Answered**
Chosen Option : **3**

Q.18 **Select the sentence which has no spelling error.**

Ans ✗ 1. A magnifisent Humayun tomb was built by Hamida Bano in Delhi.

✓ 2. There are many magnificent churches in Goa.

✗ 3. The sight of waterfall was magnifecent in the brochure.

✗ 4. The bride looked bright, simple and magneficent.

Question ID : **26433043107**
Status : **Answered**
Chosen Option : **2**

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

Stymie

Ans ✗ 1. Tame

✗ 2. Amaze

✓ 3. Hinder

✗ 4. Scare

Question ID : **26433040013**
Status : **Answered**
Chosen Option : **4**

Q.20 **Parts of the given sentence have been given as options. One of them contains a grammatical error. Select the option that has the error.**
Though you may not be able to conquer, I exhort you to fought bravely to the last.

Ans ✗ 1. Though you may not be

✗ 2. I exhort you

✗ 3. able to conquer

✓ 4. to fought bravely to the last

Question ID : **26433043099**
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.

Many of the major supermarket chains have come under fire with accusations of (1)_____ unethical acts over the past decade. They've wasted tonnes of food, they've underpaid their suppliers and they've contributed to excessive plastic waste in their packaging, which has had its impact on our environment. But supermarkets and grocers are (2)_____ to sit up and take notice. In response to (3)_____ consumer backlash against the huge amounts of plastic waste generated by plastic packaging, some of the largest UK supermarkets have (4)_____ up a pact promising to transform packaging and cut plastic wastage. In a pledge to reuse, recycle or compost all plastic wastage by 2025, supermarkets are now beginning to take (5)_____ responsibility for the part they play in contributing to the damage to our environment, with one major supermarket announcing their plan to eliminate all plastic packaging in their own-brand products by 2023.

SubQuestion No : 21

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

Ans ✔ 1. various

✘ 2. most

✘ 3. same

✘ 4. much

Question ID : **26433039872**
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.

Many of the major supermarket chains have come under fire with accusations of (1)_____ unethical acts over the past decade. They've wasted tonnes of food, they've underpaid their suppliers and they've contributed to excessive plastic waste in their packaging, which has had its impact on our environment. But supermarkets and grocers are (2)_____ to sit up and take notice. In response to (3)_____ consumer backlash against the huge amounts of plastic waste generated by plastic packaging, some of the largest UK supermarkets have (4)_____ up a pact promising to transform packaging and cut plastic wastage. In a pledge to reuse, recycle or compost all plastic wastage by 2025, supermarkets are now beginning to take (5)_____ responsibility for the part they play in contributing to the damage to our environment, with one major supermarket announcing their plan to eliminate all plastic packaging in their own-brand products by 2023.

SubQuestion No : 22

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

Ans ✘ 1. being start

✔ 2. starting

✘ 3. start

✘ 4. being starting

Question ID : **26433039873**
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.

Many of the major supermarket chains have come under fire with accusations of (1)_____ unethical acts over the past decade. They've wasted tonnes of food, they've underpaid their suppliers and they've contributed to excessive plastic waste in their packaging, which has had its impact on our environment. But supermarkets and grocers are (2)_____ to sit up and take notice. In response to (3)_____ consumer backlash against the huge amounts of plastic waste generated by plastic packaging, some of the largest UK supermarkets have (4)_____ up a pact promising to transform packaging and cut plastic wastage. In a pledge to reuse, recycle or compost all plastic wastage by 2025, supermarkets are now beginning to take (5)_____ responsibility for the part they play in contributing to the damage to our environment, with one major supermarket announcing their plan to eliminate all plastic packaging in their own-brand products by 2023.

SubQuestion No : 23

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

Ans ✗ 1. believing

✗ 2. enlarging

✗ 3. developing

✓ 4. growing

Question ID : **26433039874**
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.

Many of the major supermarket chains have come under fire with accusations of (1)_____ unethical acts over the past decade. They've wasted tonnes of food, they've underpaid their suppliers and they've contributed to excessive plastic waste in their packaging, which has had its impact on our environment. But supermarkets and grocers are (2)_____ to sit up and take notice. In response to (3)_____ consumer backlash against the huge amounts of plastic waste generated by plastic packaging, some of the largest UK supermarkets have (4)_____ up a pact promising to transform packaging and cut plastic wastage. In a pledge to reuse, recycle or compost all plastic wastage by 2025, supermarkets are now beginning to take (5)_____ responsibility for the part they play in contributing to the damage to our environment, with one major supermarket announcing their plan to eliminate all plastic packaging in their own-brand products by 2023.

SubQuestion No : 24

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

Ans ✓ 1. signed

✗ 2. bought

✗ 3. settled

✗ 4. resigned

Question ID : **26433039875**
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.

Many of the major supermarket chains have come under fire with accusations of (1)_____ unethical acts over the past decade. They've wasted tonnes of food, they've underpaid their suppliers and they've contributed to excessive plastic waste in their packaging, which has had its impact on our environment. But supermarkets and grocers are (2)_____ to sit up and take notice. In response to (3)_____ consumer backlash against the huge amounts of plastic waste generated by plastic packaging, some of the largest UK supermarkets have (4)_____ up a pact promising to transform packaging and cut plastic wastage. In a pledge to reuse, recycle or compost all plastic wastage by 2025, supermarkets are now beginning to take (5)_____ responsibility for the part they play in contributing to the damage to our environment, with one major supermarket announcing their plan to eliminate all plastic packaging in their own-brand products by 2023.

SubQuestion No : 25

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

Ans ✗ 1. little

✗ 2. every

✗ 3. any

✓ 4. some

Question ID : **26433039876**
Status : **Answered**
Chosen Option : **2**

Section : **General Intelligence**

Q.1 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.

Ans ✗ 1. 25 : 8

✗ 2. 169 : 16

✓ 3. 225 : 12

✗ 4. 64 : 11

Question ID : **26433041084**
Status : **Answered**
Chosen Option : **3**

Q.2 Consider the given statement and the following conclusions and decide which of the conclusions logically follow(s) from the statement.

Statement:
Private school teachers are hard-working.

Conclusion:
(I) Some hard-working teachers are private school teachers.
(II) Government employees are not hard-working.

Ans ✗ 1. Only conclusion (II) follows

✗ 2. Neither conclusion (I)nor (II) follows

✓ 3. Only conclusion (I) follows

✗ 4. Both conclusions (I) and (II) follow

Question ID : **26433040416**
Status : **Answered**
Chosen Option : **3**

Q.3 Seven friends S, T, U, V, W, X and Y, each has scored different marks in an examination. W scored more than X but less than V. Only three people scored more than V. T scored more than U but less than S. Y scored the least among all. How many persons scored between T and X?

Ans
✗ 1. 4

✗ 2. 2

✓ 3. 3

✗ 4. 1

Question ID : **26433043479**
Status : **Answered**
Chosen Option : **3**

Q.4 In a certain code language, 'PLURAL' is written as 'MQSVMB' and 'SINGLE' is written as 'JTHOFM'. How will 'DOUBLE' be written in that language?

Ans
✗ 1. PEVCMF

✗ 2. PECTDO

✓ 3. PECVFM

✗ 4. CMTAKD

Question ID : **26433040690**
Status : **Answered**
Chosen Option : **3**

Q.5 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
17:48 :: 23:66 :: 15:?

Ans
✓ 1. 42

✗ 2. 49

✗ 3. 36

✗ 4. 46

Question ID : **26433043304**
Status : **Answered**
Chosen Option : **1**

Q.6 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
2 * 5 * 5 * 10 * 5

Ans
✗ 1. =, ×, ×, −

✗ 2. ×, ×, ×, =

✗ 3. =, +, +, ×

✓ 4. ×, −, =, −

Question ID : **26433040706**
Status : **Answered**
Chosen Option : **4**

Q.7 In a certain code language, "REPORT" is written as "SDQNSS", and "THANKS" is written as "UGBMLR". How will "WINTER" be written in that language?
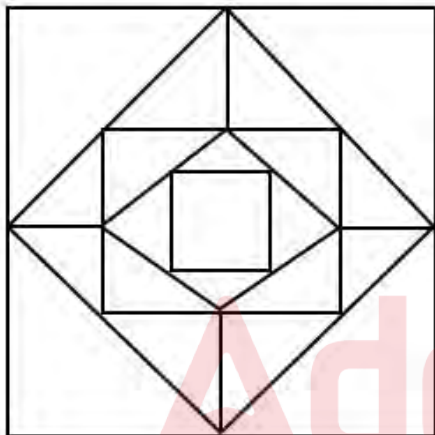
Ans ✅ 1. XHOSFQ

❌ 2. XHMSFQ

❌ 3. XHOUFQ

❌ 4. XIOSFQ

Question ID : **26433043488**

Status : **Answered**

Chosen Option : **1**

Q.8 Pointing to a man in photograph, Rohan said, "His daughter's brother is my mother's son's brother." How is the man related to Rohan?

Ans ❌ 1. Father's father

❌ 2. Father's brother

❌ 3. Brother

✅ 4. Father

Question ID : **26433040304**

Status : **Answered**

Chosen Option : **4**

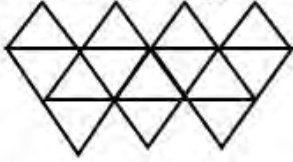**Q.9** How many triangles are there in the given figure?

Ans ✅ 1. 24

❌ 2. 28

❌ 3. 26

❌ 4. 30

Question ID : **26433040527**

Status : **Answered**

Chosen Option : **1**

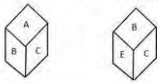**Q.10** How many triangles are there in the given figure?

Ans ✗ 1. 18

✗ 2. 14

✓ 3. 19

✗ 4. 16

Question ID : 26433040526
Status : **Answered**
Chosen Option : **3**

Q.11 Two different positions of the same dice are shown, the six faces of which are marked from A to F. Select the letter that will be on the face opposite to the one showing 'E'.

Ans ✗ 1. D

✗ 2. B

✓ 3. A

✗ 4. C

Question ID : 26433040400
Status : **Answered**
Chosen Option : **3**

Q.12 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
21*5*61*84*4*8*15

Ans ✗ 1. −,÷,+,−,=,×

✓ 2. ×,−,=,÷,+,+

✗ 3. +,−,=,×,−,÷

✗ 4. +,×,−,=,+,−

Question ID : 26433040236
Status : **Answered**
Chosen Option : **2**

Q.13 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.
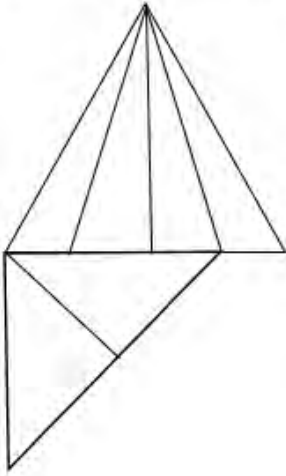**8 : 72 :: ? : 152 :: 17 : 297**

Ans ✗ 1. 9

✗ 2. 14

✗ 3. 18

✓ 4. 12

Question ID : 26433045315
Status : **Answered**
Chosen Option : **4**

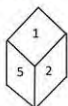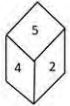**Q.14** Find how many triangles are there in the given figure.

Ans
✗ 1. 12
✔ 2. 13
✗ 3. 14
✗ 4. 11

Question ID : **26433043537**
Status : **Answered**
Chosen Option : **2**

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 '4'.

Ans
✗ 1. 5
✗ 2. 2
✔ 3. 1
✗ 4. 3

Question ID : **26433040407**
Status : **Answered**
Chosen Option : **3**

Q.16 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.
SYMBOL : YSNYLO :: TALENT : ATOVTN :: MOBILE : ?

Ans
✗ 1. OMIBEL
✗ 2. OMGWEL
✗ 3. OMTSEL
✔ 4. OMYREL

Question ID : **26433043248**
Status : **Answered**
Chosen Option : **4**

Q.17 Which two numbers, from amongst the given options, should be interchanged to make the given equation correct?
(36 ÷ 4) ×12 + (7×6) – 18 + (3×9) = 63

Ans ✗ 1. 6 and 4

✗ 2. 3 and 4

✓ 3. 4 and 12

✗ 4. 12 and 3

Question ID : **26433043368**
Status : **Answered**
Chosen Option : **3**

Q.18 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row- 12, 51, 159
Second row- 9, 39, 123
Third row- 8, 35,?
(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. 91

✓ 2. 111

✗ 3. 101

✗ 4. 99

Question ID : **26433045249**
Status : **Answered**
Chosen Option : **2**

Q.19 If 19 April 1962 is a Thursday, then what will be the day of the week on 15 June 1965?

Ans ✓ 1. Tuesday

✗ 2. Friday

✗ 3. Monday

✗ 4. Sunday

Question ID : **26433039034**
Status : **Answered**
Chosen Option : **3**

Q.20 If 'A' denotes '+', 'B' denotes '×', 'C' denotes '–' and 'D' denotes '÷', then what will come in place of '?' in the following equation?
(91 D 13) B 8 C 50 A 16 B 2 A (99 D 11) = ?

Ans ✓ 1. 47

✗ 2. 27

✗ 3. 6

✗ 4. 33

Question ID : **26433045168**
Status : **Answered**
Chosen Option : **1**

Q.21 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

19 : 361 :: ? : 576 :: 6 : 36

Ans   ✗ 1. 25

     ✓ 2. 24

     ✗ 3. 22

     ✗ 4. 23

Question ID : **26433045314**
Status : **Answered**
Chosen Option : **2**

Q.22 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row: 17, 8, 153
Second row: 19, 6, 133
Third row: 13, 7, ?

(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. 103

     ✗ 2. 113

     ✗ 3. 109

     ✓ 4. 104

Question ID : **26433043321**
Status : **Answered**
Chosen Option : **4**

Q.23 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

A B _ K P C D H _ P E F H K _ G _ H K P

Ans   ✓ 1. H K P H

     ✗ 2. C K E H

     ✗ 3. H G P E

     ✗ 4. C G P E

Question ID : **26433040154**
Status : **Answered**
Chosen Option : **1**

Q.24 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

M
h y m 5 7 3 |
N

Ans   ✓ 1. Ɛ⊺2mүд

     ✗ 2. 3⊺2шүд

     ✗ 3. Ɛ⊺5шүд

     ✗ 4. Ɛ7 5шүд

Question ID : **26433040165**
Status : **Answered**
Chosen Option : **1**

Q.25 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

r d _ n _ d r _ _ b n n d _ r d b _ n d r

Ans ✗ 1. r n r d r n

✗ 2. b n r d r r

✗ 3. n n r d r n

✔ 4. b n r d r n

Question ID : **26433043397**
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 If the areas of three adjacent faces of a cuboidal box are 729 cm^2, 529 cm^2 and 289 cm^2, respectively, then find the volume of the box.

Ans ✔ 1. 10557 cm^3

✗ 2. 10560 cm^3

✗ 3. 10555 cm^3

✗ 4. 10551 cm^3

Question ID : **26433038728**
Status : **Answered**
Chosen Option : **1**

Q.2 Which of the following numbers is divisible by 3?

Ans ✔ 1. 7865001

✗ 2. 7803572

✗ 3. 7803541

✗ 4. 7803593

Question ID : **26433041291**
Status : **Answered**
Chosen Option : **1**

Q.3 If a, b, c are positive real numbers, what is the value of $\sqrt{a^{-1}b} \times \sqrt{b^{-1}c} \times \sqrt{c^{-1}a}$?

Ans ✗ 1. 2

✗ 2. 3

✔ 3. 1

✗ 4. 4

Question ID : **26433038665**
Status : **Answered**
Chosen Option : **3**

Q.4 An authorised rice dealer purchases rice at ₹32 per kg and sells it at ₹40 per kg. But while selling, he is giving only 900 grams instead of 1 kg. Find the actual profit percentage of the dealer (Correct to one decimal place)

Ans ✗ 1. 37.8%

✗ 2. 39.7%

✗ 3. 39.8%

✓ 4. 38.9%

Question ID : **26433044213**
Status : **Answered**
Chosen Option : **4**

Q.5 When the price of an article was reduced by 25%, its sale was increased by 75%. Calculate the net effect on revenue.

Ans ✗ 1. 31.25% decrease

✓ 2. 31.25% increase

✗ 3. 39.75% increase

✗ 4. 39.75% decrease

Question ID : **26433041469**
Status : **Answered**
Chosen Option : **2**

Q.6 A person runs at an average speed of 20 km/h for 30 minutes and cycles at a speed of 32 km/h for 1 hour 15 minutes. Calculate the average speed (in km/h, rounded off to 1 decimal place).

Ans ✗ 1. 30.5

✓ 2. 28.6

✗ 3. 25.4

✗ 4. 26.3

Question ID : **26433038615**
Status : **Answered**
Chosen Option : **2**

Q.7 The average of 25 numbers is 18. The average of the first 12 of these numbers is 14 and that of the last 12 of these numbers is 17. The 13th number is:

Ans ✗ 1. 80

✓ 2. 78

✗ 3. 74

✗ 4. 82

Question ID : **26433042374**
Status : **Answered**
Chosen Option : **2**

Q.8 Simplify:

$$2[8p + 5\{n - 2(n - \overline{n + p}) + 4p\}]$$

Ans
✅ 1. 76p + 10n
❌ 2. 6p + 10n
❌ 3. 7p + 6n
❌ 4. 10p + 10n

Question ID : **26433038661**
Status : **Answered**
Chosen Option : **1**

Q.9 In a school, students using school bus, bike and bicycle for transport are in the proportion 6 : 3 : 1. If the total strength of the school is 1200, find the number of students who use bicycle for transport. (Each student uses only one of the given 3 modes of transport)

Ans
✅ 1. 120
❌ 2. 180
❌ 3. 240
❌ 4. 100

Question ID : **26433041528**
Status : **Answered**
Chosen Option : **1**

Q.10 Which of the following options does NOT give the lengths of three sides of any triangle?

Ans
❌ 1. 12, 18, 25
✅ 2. 18, 23, 41
❌ 3. 7, 10, 12
❌ 4. 4, 7, 9

Question ID : **26433038644**
Status : **Answered**
Chosen Option : **2**

Q.11 The value of the expression 1800 ÷ 10{(18 - 6) + [-2(1 +2)]} is:

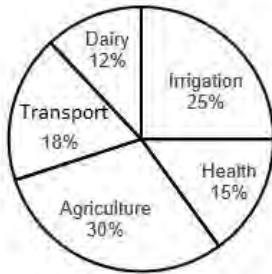**Ans**
❌ 1. 20
❌ 2. 1080
✅ 3. 30
❌ 4. 1008

Question ID : **26433041566**
Status : **Answered**
Chosen Option : **3**

Q.12 Study the following pie-chart carefully, which shows a state government's expenditure (% allocation) on various sectors during the year 2019.

If ₹27 million were spent on transport in 2019, what would have been the total expenses (in million) of the given state government in that year considering mentioned sectors only?

Ans ✗ 1. 160

✗ 2. 140

✓ 3. 150

✗ 4. 130

Question ID : 26433044164
Status : **Answered**
Chosen Option : **3**

Q.13 In a class there are 26 boys and 24 girls. The Math teacher administered a test and found that the average score of the whole class is 85.If the average score of the boys was 82, find the average score of the girls.

Ans ✗ 1. 82

✓ 2. 88.25

✗ 3. 85

✗ 4. 87.5

Question ID : 26433041464
Status : **Answered**
Chosen Option : **2**

Q.14 A shopkeeper buys a note book for ₹85. He wants a profit of 20% after giving a discount of 15%. At what price should he mark the note book?

Ans ✗ 1. ₹105

✗ 2. ₹110

✗ 3. ₹115

✓ 4. ₹120

Question ID : 26433042697
Status : **Answered**
Chosen Option : **4**

Q.15 Taking π = 3.14, find the volume of a cylinder having its radius of base as 5 cm and its height as 24 cm.

Ans ✗ 1. 1526 cm^3

✗ 2. 1848 cm^3

✗ 3. 1256 cm^3

✓ 4. 1884 cm^3

Question ID : 26433039542
Status : **Answered**
Chosen Option : **4**

Q.16 What is the value of the expression 100(sin 15° cos 15°)?

Ans ✗ 1. 50

✗ 2. 75

✗ 3. 100

✓ 4. 25

Question ID : **26433041398**
Status : **Answered**
Chosen Option : **4**

Q.17 The perimeter of an isosceles triangle is 80 cm. If the side that is not equal in length to any of the other two sides is 20 cm, find the length of each of the equal sides.

Ans ✗ 1. 25 cm

✗ 2. 20 cm

✗ 3. 40 cm

✓ 4. 30 cm

Question ID : **26433042720**
Status : **Answered**
Chosen Option : **4**

Q.18 A number is first increased by 25% and then decreased by 10%. If the resulting number is 72, what is the original number?

Ans ✗ 1. 75

✗ 2. 84

✓ 3. 64

✗ 4. 56

Question ID : **26433038616**
Status : **Answered**
Chosen Option : **3**

Q.19 The table given below provides information about the marks obtained by a group of students in a test.

Marks	No. of Students
Less than 10	2
Less than 20	5
Less than 30	6
Less than 40	8
Less than 50	10

What is total number of students in the group?

Ans ✗ 1. 20

✓ 2. 10

✗ 3. 8

✗ 4. 31

Question ID : **26433045986**
Status : **Answered**
Chosen Option : **2**

Q.20 A sum of money becomes ₹2,000 in 3 years and ₹2,400 in 4 years, at the certain rate of yearly compound interest in case of annual compounding. Find the yearly rate of compound interest.

Ans ✔ 1. 20%

✘ 2. 10%

✘ 3. 15%

✘ 4. 25%

Question ID : 26433044167
Status : **Answered**
Chosen Option : **1**

Q.21 A boat's speed in still water is 22 km/h, while the river is flowing with a speed of 8 km/h and the time taken to cover a certain distance upstream is 4 hours more than the time taken to cover the same distance downstream. Find the distance.

Ans ✔ 1. 105 km

✘ 2. 110 km

✘ 3. 115 km

✘ 4. 125 km

Question ID : 26433038713
Status : **Answered**
Chosen Option : **1**

Q.22 The following table gives the age of the children in a class of a school. Find the number of children in the class whose age is below 11 years but above 8 years.

Age (in years)	8	9	10	11	12
No. of children	13	15	42	22	18

Ans ✘ 1. 42

✘ 2. 28

✘ 3. 40

✔ 4. 57

Question ID : 26433044239
Status : **Answered**
Chosen Option : **4**

Q.23 If $x + \frac{1}{x} = -3\sqrt{2}$, what is the value of $(x^5 + \frac{1}{x^5})$?

Ans ✘ 1. -715√2

✔ 2. -717√2

✘ 3. -723√2

✘ 4. -720√2

Question ID : 26433043999
Status : **Answered**
Chosen Option : **3**

Q.24 Ram and Shawan working together can complete a job in 5 hours, where as Ram alone can complete the same job in 6 hours. In how many hours can Shawan alone complete the job?

Ans ✔ 1. 30

✘ 2. 20

✘ 3. 35

✘ 4. 25

Question ID : **26433042714**
Status : **Answered**
Chosen Option : **1**

Q.25 A shopkeeper offers the following four schemes. Which scheme has the maximum discount percentage?
a)Two successive discounts of 22% and 25%
b)Buy 3, get 2 free
c)Buy 5, get 4 free
d)Buy 4, get 3 free

Ans ✘ 1. a

✘ 2. b

✘ 3. d

✔ 4. c

Question ID : **26433041368**
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

Q.1 Ustad Bade Ghulam Ali Khan, often touted as Tansen of the 20th century is famous for which of the following music genres?

Ans ✔ 1. Hindustani classical music

✘ 2. Carnatic music

✘ 3. Sufi devotional

✘ 4. Ghazals

Question ID : **26433041739**
Status : **Answered**
Chosen Option : **4**

Q.2 Which of the following is the autobiography of Maulana Abul Kalam Azad?

Ans ✘ 1. Freedom at Midnight

✘ 2. Partition

✘ 3. The Man Who Divided India

✔ 4. India Wins Freedom

Question ID : **26433041902**
Status : **Answered**
Chosen Option : **1**

Q.3 Tanya Hemant is related to which of the following sports?

Ans ✅ 1. Badminton

❌ 2. Tennis

❌ 3. Chess

❌ 4. Hockey

Question ID : **26433044463**
Status : **Answered**
Chosen Option : **4**

Q.4 In October 2021, an order was issued by the Social Justice and Empowerment Department of Rajasthan to give the benefits of a pension scheme to all persons within _____ categories of disabilities under the 'Rajasthan Social Security Special Persons Pension Scheme' in the state.

Ans ❌ 1. 15

✅ 2. 21

❌ 3. 19

❌ 4. 17

Question ID : **26433044424**
Status : **Answered**
Chosen Option : **1**

Q.5 What happens to the salinity at the surface of the ocean?

Ans ❌ 1. Increases by the precipitation process

❌ 2. Decreases by the loss of water to ice or evaporation

✅ 3. Increases by the loss of water to ice or evaporation

❌ 4. Decreases by transpiration

Question ID : **26433039480**
Status : **Answered**
Chosen Option : **3**

Q.6 What is the common name of $CHCl_3$?

Ans ✅ 1. Chloroform

❌ 2. Sodium chloride

❌ 3. Ethylchloride

❌ 4. Hydrochloric acid

Question ID : **26433039406**
Status : **Answered**
Chosen Option : **1**

Q.7 In the context of micro-finance, SHG refers to _____.

Ans ❌ 1. Sustainable Help for Growth

❌ 2. Surety and Help Group

❌ 3. Sustainable Help Grant

✅ 4. Self Help Group

Question ID : **26433042135**
Status : **Answered**
Chosen Option : **4**

Q.8 In April 2021, the state government of Assam launched the Tractor Distribution Scheme under the Chief Minister Samagra Gramya Unnayan Yojna (CMSGUY) for farmers, with the objectives of reviving the agriculture sector and helping in doubling the farmer's income by _____.

Ans ✔ 1. 2022

✘ 2. 2025

✘ 3. 2023

✘ 4. 2024

Question ID : **26433044422**
Status : **Answered**
Chosen Option : **2**

Q.9 Renowned dancer and actor Minati Mishra was conferred with the Padma Shri for her significant contribution to which of the following Classical Dance forms?

Ans ✔ 1. Odissi

✘ 2. Manipuri

✘ 3. Kathakali

✘ 4. Kathak

Question ID : **26433041775**
Status : **Answered**
Chosen Option : **4**

Q.10 In Budget 2022-23,Government of India decided to continue the Scheme of 'Khelo India – National Programme for Development of Sports' over the 15th Finance Commission Cycle (2021-22 to 2025-26) at an outlay of_____.

Ans ✘ 1. ₹4,550 crores

✘ 2. ₹4,500 crores

✘ 3. ₹5,000.50 crores

✔ 4. ₹3,165.50 crores

Question ID : **26433041856**
Status : **Answered**
Chosen Option : **2**

Q.11 Padma Bhushan awardee, Buddhadev Das Gupta was an Indian classical _____ player.

Ans ✘ 1. sarangi

✘ 2. tambura

✔ 3. sarod

✘ 4. tabla

Question ID : **26433042237**
Status : **Answered**
Chosen Option : **3**

Q.12 T Balasaraswati, a dance legend from India was awarded the Padma Vibhushan for her contribution to Indian art and culture, in which of the following dance forms?

Ans ✘ 1. Kuchipudi

✔ 2. Bharatanatyam

✘ 3. Kathakali

✘ 4. Manipuri

Question ID : **26433041767**
Status : **Answered**
Chosen Option : **1**

Q.13 Who among the following is NOT a Veena player?

Ans ✘ 1. Jayanthi Kumaresh

✘ 2. Sundaram Balchander

✔ 3. Jasraj

✘ 4. Veenai Dhanammal

Question ID : **26433041933**
Status : **Answered**
Chosen Option : **3**

Q.14 The reflection on a bathroom mirror, the lake, and the glare on a pair of glasses are caused by which type of reflection?

Ans ✘ 1. Multiple reflection

✔ 2. Specular reflection

✘ 3. Glossy reflection

✘ 4. Diffused reflection

Question ID : **26433044804**
Status : **Answered**
Chosen Option : **2**

Q.15 Of which of the following forms are Kelucharan Mahapatra, Sonal Mansingh and Geeta Mahalik famous dancers?

Ans ✘ 1. Mohiniattam

✘ 2. Kuchipudi

✘ 3. Bharatanatyam

✔ 4. Odissi

Question ID : **26433044657**
Status : **Answered**
Chosen Option : **3**

Q.16 Who among the following Kuchipudi dancers received the Padma Shri Award in 2022?

Ans ✘ 1. Shobha Naidu

✘ 2. Bhavana Reddy

✔ 3. Padmaja Reddy

✘ 4. T Harika

Question ID : **26433041959**
Status : **Answered**
Chosen Option : **2**

Q.17 Which of the following is an example of active transport?

Ans ✘ 1. Iron assimilation

✘ 2. Salt elimination

✘ 3. Glucose transport

✔ 4. Sodium and potassium pumps

Question ID : **26433041805**
Status : **Answered**
Chosen Option : **3**

Q.18 Identify the disease that is caused due to inadequate secretion of the hormone insulin from the pancreas?

Ans ✗ 1. Tuberculosis

✓ 2. Diabetes mellitus

✗ 3. Blood cancer

✗ 4. Gall stones

Question ID : **26433039433**
Status : **Answered**
Chosen Option : **4**

Q.19 'Raavan - Enemy of Aryavarta' is written by which of the following writers?

Ans ✗ 1. Chetan Bhagat

✗ 2. Aravind Adiga

✗ 3. Vikram Seth

✓ 4. Amish Tripathi

Question ID : **26433042220**
Status : **Answered**
Chosen Option : **4**

Q.20 Who showed that heating silver cyanide (an inorganic compound) with ammonium chloride (another inorganic compound) produced urea without the aid of any living organism or part of a living organism, in 1828?

Ans ✗ 1. Antoine Lavoisier

✓ 2. Friedrich Wohler

✗ 3. Ernest Lawrence

✗ 4. Alfred Werner

Question ID : **26433044706**
Status : **Answered**
Chosen Option : **3**

Q.21 Which state in India as per the 2021 Census has the lowest population Density per km^2?

Ans ✗ 1. Uttarakhand

✗ 2. Nagaland

✓ 3. Arunachal Pradesh

✗ 4. Mizoram

Question ID : **26433042015**
Status : **Answered**
Chosen Option : **3**

Q.22 'Jakhan Choto Chilam' is the autobiography of _____.

Ans ✓ 1. Satyajit Ray

✗ 2. Sukumar Ray

✗ 3. Taslima Nasrin

✗ 4. Debesh Roy

Question ID : **26433044679**
Status : **Answered**
Chosen Option : **4**

Q.23 **Which Schedule of the Indian Constitution divides the power between the Centre and the state in terms of the union, state and concurrent list?**

Ans ✗ 1. Fifth Schedule

✗ 2. Ninth Schedule

✗ 3. Third Schedule

✓ 4. Seventh Schedule

Question ID : **26433039636**

Status : **Answered**

Chosen Option : **4**

Q.24 **The World Badminton Championship event 2026 will be organised by_____.**

Ans ✗ 1. Australia

✓ 2. India

✗ 3. China

✗ 4. Indonesia

Question ID : **26433044479**

Status : **Answered**

Chosen Option : **2**

Q.25 **_____ is a reputed classical dancer of Kathak dance form.**

Ans ✗ 1. Kanak Rele

✓ 2. Shovana Narayan

✗ 3. Vani Madhav

✗ 4. Madhavi Mudgal

Question ID : **26433038809**

Status : **Answered**

Chosen Option : **3**