Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Kollam
Exam Date	03/06/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CHSL 2021 Tier I

Section : **English Language**

Q.1 Select the option that expresses the given sentence in passive voice.
Please bring me a glass of water.

Ans ✗ 1. Let a glass of water being brought to me, please.

✓ 2. Let a glass of water be brought to me, please.

✗ 3. Let a glass of water come to me.

✗ 4. Let a glass of water be given to me.

Question ID : **26433039747**
Status : **Answered**
Chosen Option : **2**

Q.2 Select the most appropriate synonym of the given word.
Startle

Ans ✗ 1. Tumble

✓ 2. Surprise

✗ 3. Impress

✗ 4. Delight

Question ID : **26433039972**
Status : **Answered**
Chosen Option : **2**

Q.3 Select the most appropriate option to substitute the underline segment in the given sentence.
The delegates talked of the matter for an hour but without any result.

Ans ✗ 1. talked to

✗ 2. talked above

✗ 3. talked from

✓ 4. talked over

Question ID : **26433042811**
Status : **Answered**
Chosen Option : **4**

Q.4 Select the option that will improve the underlined part of the given sentence.
Sahukaars provide loan in 2% interest rate for a month, which is higher than the bank charges.

Ans ✗ 1. at 2% interest in a month

✓ 2. at 2% interest rate per month

✗ 3. for 2% interest for a month

✗ 4. for 2% interest rate every month

Question ID : **26433045396**
Status : **Answered**
Chosen Option : **2**

Q.5 The following sentence has been split into four segments. Identify the segment that contains an INCORRECTLY spelt word

Subsequent to the delegation's visit to the villages, / a new working commitee and a task force / have been formed to carry out / all the developmental works as promised to the people.

Ans ✗ 1. Subsequent to the delegation's visit to the villages

✗ 2. have been formed to carry out

✓ 3. a new working commitee and a task force

✗ 4. all the developmental works as promised to the people

> Question ID : 26433045550
> Status : **Answered**
> Chosen Option : **3**

Q.6 Select the option that expresses the given sentence in active voice.

As was customary, the young prince was brought to the podium in a diamond studded carriage for the coronation ceremony.

Ans ✗ 1. As was customary, the young prince brings himself to the podium in a diamond studded carriage for the coronation ceremony

✗ 2. As was customary, the young prince is bought to the podium in a diamond studded carriage for the coronation ceremony.

✗ 3. As was customary, the young prince brought in a diamond studded carriage to the podium for the coronation ceremony.

✓ 4. As was customary, the palace staff brought the young prince to the podium in a diamond studded carriage for the coronation ceremony.

> Question ID : 26433040068
> Status : **Answered**
> Chosen Option : **4**

Q.7 Select the option that will improve the underlined part of the given sentence.

We should all <u>stays</u> united.

Ans ✗ 1. stayed

✗ 2. had staying

✓ 3. stay

✗ 4. are staying

> Question ID : 26433039707
> Status : **Answered**
> Chosen Option : **3**

Q.8 Select the option that will improve the underlined part of the given sentence.
Reena got <u>embarrassed and started crying.</u>

Ans ✗ 1. frightened and started shouting

✓ 2. humiliated and started weeping

✗ 3. frustrated and started yelling

✗ 4. conscious and started admiring

> Question ID : 26433045393
> Status : **Answered**
> Chosen Option : **3**

Q.9 **Select the INCORRECTLY spelt word.**

Ans ✗ 1. Expelled

✗ 2. Sartorial

✗ 3. Implicate

✓ 4. Sabotege

Question ID : **26433040081**

Status : **Answered**

Chosen Option : **4**

Q.10 **Which word in the given sentence is the ANTONYM of – nibble?**
They sprinted across the floor and leaped up to the elevated platforms, poking their soft muzzles into the stanchions to gobble the grain.

Ans ✓ 1. gobble

✗ 2. muzzles

✗ 3. elevated

✗ 4. sprinted

Question ID : **26433045382**

Status : **Not Answered**

Chosen Option : **--**

Q.11 **Select the option that can be used as a one-word substitute for the given group of words.**
One who loves the company of others

Ans ✗ 1. Misanthrope

✓ 2. Gregarious

✗ 3. Philanthropist

✗ 4. Patent

Question ID : **26433039899**

Status : **Answered**

Chosen Option : **2**

Q.12 **Select the most appropriate meaning of the given idiom.**
Under the weather

Ans ✗ 1. Under debt

✗ 2. Left by a loved one

✗ 3. Very angry

✓ 4. Feeling ill

Question ID : **26433039995**

Status : **Answered**

Chosen Option : **4**

Q.13 **Select the denotation of the highlighted word.**
The divisive politics of this nation has led to its downfall.

Ans ✗ 1. Spurring

✗ 2. Dethroning

✓ 3. Alienating

✗ 4. Encouraging

Question ID : **26433045536**

Status : **Marked For Review**

Chosen Option : **3**

Q.14 Select the most appropriate synonym of the highlighted word.
The moral values in this nation were at their nadir during the autocrat's rule.

Ans ✗ 1. horizon

✗ 2. median

✓ 3. base

✗ 4. peak

Question ID : **26433045473**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.15 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.
A. The sharp increase in our consumption of fossil fuels has led to their depletion at an alarming rate.
B. Unchecked burning of fossil fuel is like an unchecked dripping tap which will eventually run dry.
C. The toxic pollutants released from burning these fuels are also a cause for concern.
D. This has led to the tapping of various non-conventional sources of energy that are cleaner alternatives to fossil fuels.

Ans ✗ 1. CDBA

✗ 2. CBAD

✓ 3. ACBD

✗ 4. DCBA

Question ID : **26433045560**

Status : **Answered**

Chosen Option : **3**

Q.16 Select the most appropriate ANTONYM of the given word.
Pure

Ans ✗ 1. Lucid

✗ 2. flawless

✗ 3. Complex

✓ 4. Indecent

Question ID : **26433039958**

Status : **Answered**

Chosen Option : **4**

Q.17 The following sentence has been split into four segments. Identify the segment that contains a grammatical error
You and I / am going / to make / a great team.

Ans ✗ 1. You and I

✗ 2. to make

✓ 3. am going

✗ 4. a great team

Question ID : **26433040051**

Status : **Answered**

Chosen Option : **3**

Q.18 **Select the INCORRECTLY spelt word.**

Ans ✗ 1. Characteristic

✗ 2. Appearance

✗ 3. Controversy

✓ 4. Definetly

Question ID : **26433039863**
Status : **Answered**
Chosen Option : **4**

Q.19 **Select the option that will improve the underlined part of the given sentence.**
I was forbidden to take any drink.

Ans ✗ 1. prohibited from rebuffing

✓ 2. prohibited from receiving

✗ 3. prohibited from rejecting

✗ 4. prohibited from snubbing

Question ID : **26433045398**
Status : **Answered**
Chosen Option : **2**

Q.20 **Select the most appropriate meaning of the given idiom.**
By leaps and bounds

Ans ✗ 1. Brisk walk

✗ 2. Very slowly

✗ 3. Superb catch in a cricket match

✓ 4. Very quickly

Question ID : **26433039789**
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.

Relate comic things (1)_____ pompous fashion. Irregularity, in other words the unexpected, the surprising, the astonishing, are essential to and characteristic (2)_____ beauty. Two fundamental literary qualities: supernaturalism and irony. The blend (3)_____ the grotesque and the tragic are attractive to the mind, as is discord to blasé ears. Imagine a canvas for a lyrical, magical farce, for a pantomime, and translate it (4)_____ a serious novel. Drown the whole thing in an abnormal, (5)_____ atmosphere, in the atmosphere of great days – the region of pure poetry.

SubQuestion No : 21

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

Ans ✗ 1. off

✗ 2. over

✗ 3. at

✓ 4. in

Question ID : **26433045641**
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.

Relate comic things (1)_____ pompous fashion. Irregularity, in other words the unexpected, the surprising, the astonishing, are essential to and characteristic (2)_____ beauty. Two fundamental literary qualities: supernaturalism and irony. The blend (3)_____ the grotesque and the tragic are attractive to the mind, as is discord to blasé ears. Imagine a canvas for a lyrical, magical farce, for a pantomime, and translate it (4) _____ a serious novel. Drown the whole thing in an abnormal, (5) _____ atmosphere, in the atmosphere of great days – the region of pure poetry.

SubQuestion No : 22

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

Ans ✗ 1. by

✗ 2. in

✗ 3. at

✓ 4. of

Question ID : **26433045642**
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.

Relate comic things (1)_____ pompous fashion. Irregularity, in other words the unexpected, the surprising, the astonishing, are essential to and characteristic (2)_____ beauty. Two fundamental literary qualities: supernaturalism and irony. The blend (3)_____ the grotesque and the tragic are attractive to the mind, as is discord to blasé ears. Imagine a canvas for a lyrical, magical farce, for a pantomime, and translate it (4) _____ a serious novel. Drown the whole thing in an abnormal, (5) _____ atmosphere, in the atmosphere of great days – the region of pure poetry.

SubQuestion No : 23

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

Ans ✗ 1. up

✓ 2. of

✗ 3. to

✗ 4. on

Question ID : **26433045643**
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.

Relate comic things (1)_____ pompous fashion. Irregularity, in other words the unexpected, the surprising, the astonishing, are essential to and characteristic (2)_____ beauty. Two fundamental literary qualities: supernaturalism and irony. The blend (3)_____ the grotesque and the tragic are attractive to the mind, as is discord to blasé ears. Imagine a canvas for a lyrical, magical farce, for a pantomime, and translate it (4) _____ a serious novel. Drown the whole thing in an abnormal, (5) _____ atmosphere, in the atmosphere of great days – the region of pure poetry.

SubQuestion No : 24

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

Ans ✓ 1. into

✗ 2. beside

✗ 3. for

✗ 4. off

Question ID : **26433045644**
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.

Relate comic things (1)_____ pompous fashion. Irregularity, in other words the unexpected, the surprising, the astonishing, are essential to and characteristic (2)_____ beauty. Two fundamental literary qualities: supernaturalism and irony. The blend (3)_____ the grotesque and the tragic are attractive to the mind, as is discord to blasé ears. Imagine a canvas for a lyrical, magical farce, for a pantomime, and translate it (4)_____ a serious novel. Drown the whole thing in an abnormal, (5) _____ atmosphere, in the atmosphere of great days – the region of pure poetry.

SubQuestion No : 25

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

Ans ✗ 1. plentiful

    ✓ 2. dreamy

    ✗ 3. littered

    ✗ 4. hygienic

> Question ID : **26433045645**
> Status : **Not Answered**
> Chosen Option : **--**

Section : **General Intelligence**

Q.1 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
13 : 78 :: 23 : ? :: 19 : 228

Ans ✗ 1. 276

    ✓ 2. 368

    ✗ 3. 298

    ✗ 4. 342

> Question ID : **26433045022**
> Status : **Answered**
> Chosen Option : **2**

Q.2 If 25 March 1995 is a Saturday, then what will be the day of the week on 12 December 1997?

Ans ✗ 1. Tuesday

    ✗ 2. Thursday

    ✓ 3. Friday

    ✗ 4. Saturday

> Question ID : **26433039033**
> Status : **Not Answered**
> Chosen Option : **--**

Q.3 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row:54, 72, 90
Second row: 79, 97, 115
Third row:83, 101, ?
(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.)
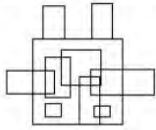
Ans ✗ 1. 114

✗ 2. 120

✓ 3. 119

✗ 4. 129

Question ID : **26433043315**
Status : **Answered**
Chosen Option : **3**

Q.4 Select the option figure which is embedded in the given figure as its part (rotation is NOT allowed).
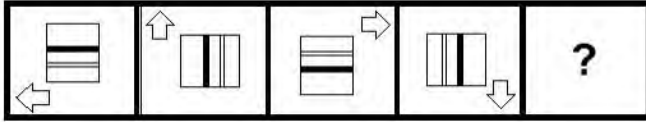
Ans ✓ 1.

✗ 2.

✗ 3.

✗ 4.

Question ID : **26433040337**
Status : **Answered**
Chosen Option : **1**

Q.5 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 : **26433045002**

Status : **Answered**

Chosen Option : **2**

Q.6 In a certain code language, 'PAIR' is written as 'ZKIR' and 'SAIL' is written as 'ZHOR'. How will 'BULK' be written in that language?

Ans ✗ 1. OPYF

✗ 2. YFPO

✔ 3. FYPO

✗ 4. FPOY

Question ID : **26433040294**

Status : **Answered**

Chosen Option : **3**

Q.7 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

K a _ _ N _ a K _ R a _ K a _ a R _ N K a

Ans ✔ 1. R a K a N K a

✗ 2. K a K a N K a

✗ 3. R a K a N R a

✗ 4. R a R a N K a

Question ID : **26433043394**

Status : **Answered**

Chosen Option : **1**

Q.8 If 'A' denotes '+', 'B' denotes '×', 'C' denotes '–' and 'D' denotes '÷', then what will come in place of '?' in the following equation?
21 A 34 C 6 B (72 D 9) A 13 B 1 + (56 D 4) = ?

Ans ✔ 1. 34

✖ 2. 43

✖ 3. 35

✖ 4. 29

Question ID : **26433045169**
Status : **Answered**
Chosen Option : **1**

Q.9 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1.Proper
2.Pronoun
3.Proof
4.Prophecy
5.Propel

Ans ✖ 1. 2, 3, 1, 5, 4

✔ 2. 2, 3, 5, 1, 4

✖ 3. 2, 1, 5, 3, 4

✖ 4. 2, 1, 3, 5, 4

Question ID : **26433040284**
Status : **Answered**
Chosen Option : **2**

Q.10 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(50, 10, 15)
(60, 10, 16)
(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. (60, 15, 19)

✖ 2. (60, 10, 6)

✖ 3. (80, 20, 16)

✖ 4. (80, 6, 15)

Question ID : **26433043225**
Status : **Answered**
Chosen Option : **1**

Q.11 Which of the following numbers will replace the question mark (?) in the given series?
57, 62, 45, ?, 33, 86

Ans ✖ 1. 70

✔ 2. 74

✖ 3. 62

✖ 4. 52

Question ID : **26433040839**
Status : **Answered**
Chosen Option : **2**

Q.12 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:
Some strawberries are bananas.
All bananas are avocados.
Some avocados are grapes.

Conclusion:
I. Some avocados are bananas.
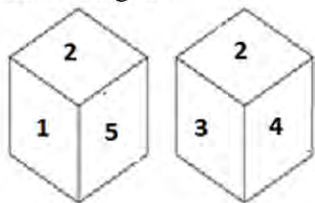II. Some grapes are bananas.
III. Some avocados are strawberries.

Ans ✗ 1. Only conclusions I and II follow

✓ 2. Only conclusions I and III follow

✗ 3. Only conclusion I follows

✗ 4. Only conclusion II follows

Question ID : 26433040744
Status : **Answered**
Chosen Option : **2**

Q.13 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 '2'.

Ans ✗ 1. 4

✓ 2. 6

✗ 3. 3

✗ 4. 1

Question ID : 26433045309
Status : **Answered**
Chosen Option : **2**

Q.14 In a certain code language, 'BROWSER' is written as 'DTQYUGT' and 'MONITOR' is written as 'OQPKVQT'. How will 'PRINTER' be written in that language?

Ans ✗ 1. RTKLVGT

✗ 2. RTKPUGT

✓ 3. RTKPVGT

✗ 4. RTKPVHT

Question ID : 26433045054
Status : **Answered**
Chosen Option : **3**

Q.15 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.
BURGER : UBTIRE :: EDITOR : DEKVRO :: PLASMA : ?

Ans ✗ 1. PLSAMA

✗ 2. LPSAAM

✓ 3. LPCUAM

✗ 4. PLHZMA

Question ID : 26433043240
Status : **Answered**
Chosen Option : **3**

Q.16 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.

13 : 120 : : 17 : 152 : : 21 : ?
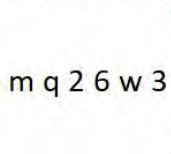
Ans ✗ 1. 148

✓ 2. 184

✗ 3. 188

✗ 4. 144

Question ID : 26433045242
Status : **Not Answered**
Chosen Option : **--**

Q.17 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.
12:1764 :: 8:528 :: 16:?

Ans ✗ 1. 4156

✗ 2. 4266

✗ 3. 4260

✓ 4. 4160

Question ID : 26433043568
Status : **Answered**
Chosen Option : **4**

Q.18 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

m q 2 6 w 3

Ans ✗ 1. Ɛ w ∂ 2 6 ɯ

✗ 2. ɯ q 2 6 w Ɛ

✗ 3. ɯ q 2 6 w Ɛ

✓ 4. Ɛ w ∂ 2 p ɯ

Question ID : 26433040547
Status : **Answered**
Chosen Option : **4**

Q.19 Each of the seven friends, Misha, Minshu, Mohi, Priya, Veer, Pari and Krishi, has a different height. Krishi is taller than only three people. Pari is taller than only Veer. Misha is taller than Minshu but not Mohi. Priya is taller than Mohi.
Who among the following is taller than Krishi?

Ans ✗ 1. Minshu

✔ 2. Mohi

✗ 3. Pari

✗ 4. Veer

Question ID : 26433045149
Status : **Answered**
Chosen Option : **2**

Q.20 Which of the following numbers will replace the question mark (?) in the given series?

23, 22, 26, 17, 33, 8, ?

Ans ✗ 1. 40

✔ 2. 44

✗ 3. 36

✗ 4. 38

Question ID : 26433043271
Status : **Answered**
Chosen Option : **2**

Q.21 Which of the following numbers will replace the question mark (?) in the given series?
16, 96, 101, ?, 407, 814

Ans ✗ 1. 405

✗ 2. 396

✗ 3. 400

✔ 4. 404

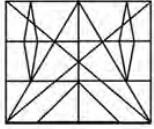Question ID : 26433040593
Status : **Answered**
Chosen Option : **4**

Q.22 Select the correct mirror image of the given combination when the mirror is placed at XY as shown.

X
123abc|
Y

Ans ✗ 1. ɘbɔ123

✔ 2. 123abɔ

✗ 3. ɘbɔ123

✗ 4. 123abɔ

Question ID : 26433040484
Status : **Answered**
Chosen Option : **2**

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 : **26433040460**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
91*13*26*51*18

Ans ✓ 1. ÷,+,=,−

✗ 2. ×,−,=,+

✗ 3. ÷,=,+,−

✗ 4. ×,=,−,−

Question ID : **26433040203**
Status : **Answered**
Chosen Option : **1**

Q.25 Select the option that represents the letters that, when placed from left to right in the blanks, will complete the letter series.
_ V E F I B V _ F I C V E F _ D _ E F _

Ans ✗ 1. E I V I A

✗ 2. A I E V I

✓ 3. A E I V I

✗ 4. E I V A I

Question ID : **26433040424**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 The price of an article is reduced by 30% but the daily sale of the article increased by 35%. The net percentage effect on the daily sale receipts is:

Ans

✗ 1. $6\frac{1}{2}\%$increrase

✗ 2. $5\frac{1}{2}\%$ increase

✔ 3. $5\frac{1}{2}\%$ decrease

✗ 4. $6\frac{1}{2}\%$decrease

Question ID : **26433042688**

Status : **Answered**

Chosen Option : **3**

Q.2 In an election between two candidates, a candidate who gets 72% of votes is elected by a majority of 572 votes. Find the total number of the votes polled. (assuming all votes are valid)

Ans

✗ 1. 1100

✗ 2. 900

✗ 3. 1500

✔ 4. 1300

Question ID : **26433041366**

Status : **Answered**

Chosen Option : **4**

Q.3 If we want ₹8,640 three years from now and the compounded interest rate is 20% p.a how much should we invest today? (assuming interest is compounded yearly)

Ans

✔ 1. ₹5,000

✗ 2. ₹4,500

✗ 3. ₹5,500

✗ 4. ₹6,000

Question ID : **26433041316**

Status : **Answered**

Chosen Option : **1**

Q.4 A man offers a 21% discount on an item. He offers a further discount of 40% on the reduced price for the first 100 customers. If the selling price of the item is ₹4,740, and the customer is one of the frist 100 then the marked price (in ₹) of the item is

Ans

✔ 1. ₹10,000

✗ 2. ₹8,000

✗ 3. ₹12,000

✗ 4. ₹9,000

Question ID : **26433044095**

Status : **Answered**

Chosen Option : **1**

Q.5

If $1 + \tan\theta = \sqrt{3}$, then $\sqrt{3}\cot\theta - 1 = $ _____.

Ans

✓ 1. $\dfrac{\sqrt{3}+1}{2}$

✗ 2. $\dfrac{\sqrt{3}-1}{2}$

✗ 3. $\dfrac{2\sqrt{3}-1}{2}$

✗ 4. $\dfrac{2\sqrt{3}+1}{2}$

Question ID : **26433044371**

Status : **Answered**

Chosen Option : **1**

Q.6 A dealer purchased a food processor for ₹10,000. He offered a discount of 20% on its listed price and still gained a profit of 40%. Find the listed price of the food processor.

Ans ✗ 1. ₹16,000

✗ 2. ₹15,200

✓ 3. ₹17,500

✗ 4. ₹12,000

Question ID : **26433041662**

Status : **Answered**

Chosen Option : **3**

Q.7 In a 1500-m race, if A beats B by 100 m and B beats C by 150 m, then by what distance (in m) does A beat C?

Ans ✗ 1. 140

✗ 2. 150

✗ 3. 100

✓ 4. 240

Question ID : **26433042566**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.8 Find the third proportional to 27 and 18.

Ans ✗ 1. 9

✗ 2. 48

✓ 3. 12

✗ 4. 36

Question ID : **26433041667**

Status : **Answered**

Chosen Option : **3**

Q.9 Raman has a certain average after 9 innings. In the 10th inning he scores 100 runs, thereby increasing his average by 8 runs. His new average is _____.

Ans ✗ 1. 24

✓ 2. 28

✗ 3. 20

✗ 4. 22

Question ID : **26433042507**
Status : **Answered**
Chosen Option : **2**

Q.10 If $a+b+c = 0$, then find the value of $\frac{a^2 + b^2 + c^2}{a^2 - bc}$.

Ans ✗ 1. −1

✗ 2. 1

✓ 3. 2

✗ 4. −2

Question ID : **26433041453**
Status : **Answered**
Chosen Option : **3**

Q.11 Find the volume of a solid hemisphere whose radius is 6.3 cm.(Use π=22/7)

Ans ✗ 1. 623.908 cm^3

✗ 2. 723.908 cm^3

✗ 3. 823.908 cm^3

✓ 4. 523.908 cm^3

Question ID : **26433041328**
Status : **Answered**
Chosen Option : **4**

Q.12 The following table shows the production of five types of cars by a company for the years 2012 to 2015.

Years Types of cars	2012	2013	2014	2015	Total
D1	7	21	17	6	51
D2	15	11	15	14	55
D3	20	15	12	13	60
D4	5	8	9	25	47
D5	19	15	18	15	67
Total	66	70	71	73	280

In which year was the total production of cars of types D2 and D3 taken together, equal to the total production of cars of types D4 and D5 taken together?

Ans ✗ 1. 2013

✗ 2. 2012

✓ 3. 2014

✗ 4. 2015

Question ID : **26433045925**
Status : **Answered**
Chosen Option : **3**

Q.13 Which of the following numbers is NOT divisible by 36?

Ans ✓ 1. 136216

✗ 2. 124344

✗ 3. 259884

✗ 4. 120816

Question ID : **26433043921**

Status : **Answered**

Chosen Option : **1**

Q.14 PQ and RS are two parallel chords of a circle of length 10 cm and 24 cm, respectively, and lie on the same side of the centre O. If the distance between the chords is 7 cm, what is the radius (in cm) of the circle?

Ans ✗ 1. 11

✗ 2. 9

✓ 3. 13

✗ 4. 7

Question ID : **26433038648**

Status : **Answered**

Chosen Option : **3**

Q.15 A seller combines 26 kg of rice priced at ₹20 per kg with 30 kg of rice priced at ₹36 per kg and sells the mixture for ₹30 per kg. What is the percentage of profit he makes?
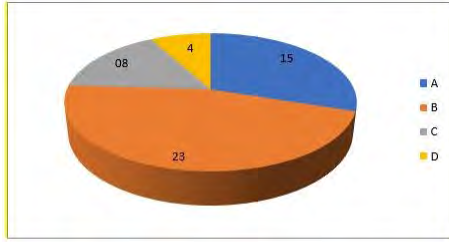
Ans ✗ 1. 8

✓ 2. 5

✗ 3. 7

✗ 4. 3

Question ID : **26433044026**

Status : **Answered**

Chosen Option : **2**

Q.16 The value of 52 − 5[2 + 3{2 − 2(5 − 3) + 5} − 10] ÷ 8 is:

Ans ✗ 1. 40.375

✗ 2. 41.315

✓ 3. 51.375

✗ 4. 50.375

Question ID : **26433039149**

Status : **Answered**

Chosen Option : **3**

Q.17 Study the given pie-chart and answer the question that follows.
The pie-chart below represents the actual number of students securing different grades in a science test.

Calculate the percentage of students who took the test and secured a D grade.

Ans ✓ 1. 8

✗ 2. 16

✗ 3. 2

✗ 4. 4

Question ID : **26433045898**
Status : **Answered**
Chosen Option : **1**

Q.18 With an average speed of 60 km/h, a train reaches its destination on time. If it goes with an average speed of 45 km/h, it is late by 20 minutes. The distance covered by the train is _____.

Ans ✗ 1. 30 km

✗ 2. 40 km

✗ 3. 50 km

✓ 4. 60 km

Question ID : **26433042605**
Status : **Answered**
Chosen Option : **4**

Q.19 The surface area of a solid metallic sphere is 616 cm^2. It is melted and recast into a solid cone of height 28 cm. Find the diameter of the base of the cone so formed. (Take π=22/7)

Ans ✗ 1. 10 cm

✗ 2. 12 cm

✓ 3. 14 cm

✗ 4. 16 cm

Question ID : **26433041332**
Status : **Answered**
Chosen Option : **3**

Q.20 The area of a square is $4x^2 - 12x + 9$. Which of the following will be the side of the square?

Ans ✗ 1. (2x+3)
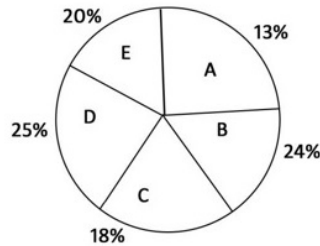
✓ 2. $(2x - 3)$

✗ 3. (3x-2)

✗ 4. (3x+2)

Question ID : **26433042581**
Status : **Answered**
Chosen Option : **2**

Q.21 What is the radius of a sphere having volume of 4851cm^3? (Use π=22/7)

Ans ✗ 1. 12.5 cm

✓ 2. 10.5 cm

✗ 3. 9.5 cm

✗ 4. 11.5 cm

Question ID : **26433042723**
Status : **Answered**
Chosen Option : **2**

Q.22 The given pie chart shows the percentage wise distribution of books in 5 different states A, B, C, D and E. The total number of books is 2500.

What is the difference between the total number of books in states B and C together and the total number of books in states D and E together?

Ans ✓ 1. 75

✗ 2. 50

✗ 3. 25

✗ 4. 43

Question ID : **26433039250**
Status : **Answered**
Chosen Option : **1**

Q.23 If $a-b = 3$ and $a^3 - b^3 = 999$, then find the value of $a^2 - b^2$.

Ans ✗ 1. 60

✗ 2. 62

✗ 3. 64

✓ 4. 63

Question ID : **26433041355**
Status : **Answered**
Chosen Option : **4**

Q.24 A dealer had 120 kg of wheat. A part of it was sold by him at 10% gain and the rest at 25% gain. overall, he had a gain of 15%. How much of the wheat was sold at 10% gain?

Ans ✓ 1. 80 kg

✗ 2. 60 kg

✗ 3. 40 kg

✗ 4. 50 kg

Question ID : **26433038849**
Status : **Answered**
Chosen Option : **1**

Q.25 In one-sixth of the time that B takes to complete a piece of work, A can complete half of the same work. If working together they take 16 days to complete the work, how much time shall B take to complete it alone?

Ans ✗ 1. 38 days

✗ 2. 76 days

✗ 3. 44 days

✓ 4. 64 days

Question ID : **26433042622**

Status : **Answered**

Chosen Option : **4**

Section : **General Awareness**

Q.1 In February 2022, the Karnataka High Court declared certain provisions of the Karnataka Police (Amendment) Act, 2021 as unconstitutional, which prohibited and criminalised the activities related to _____.

Ans ✗ 1. use of dark web

✗ 2. gathering at nightclubs

✓ 3. online gaming

✗ 4. gambling

Question ID : **26433041834**

Status : **Marked For Review**

Chosen Option : **4**

Q.2 How many countries share the natural heritage of the Caspian Sea?

Ans ✗ 1. Two

✓ 2. Five

✗ 3. Four

✗ 4. Three

Question ID : **26433044889**

Status : **Not Answered**

Chosen Option : **--**

Q.3 Who among the following described the Indian Constitution as 'quasi federal'?

Ans ✗ 1. MV Pylee

✗ 2. Gunnar Myrdal

✗ 3. AV Dicey

✓ 4. KC Wheare

Question ID : **26433042117**

Status : **Not Answered**

Chosen Option : **--**

Q.4 Who among the following became the youngest player to defeat world number one chess champion, Magnus Carlsen, of Norway in an online chess tournament in February 2021?

Ans ✗ 1. Nihal Sarin

✓ 2. Rameshbabu Praggnanandhaa

✗ 3. Vidit Gujrathi

✗ 4. Abhijeet Gupta

Question ID : **26433038927**

Status : **Answered**

Chosen Option : **2**

Q.5 To combat inflation, what is the usual monetary policy stance adopted?

Ans ✗ 1. Owlish

✗ 2. Dovish

✗ 3. Hicksian

✓ 4. Hawkish

Question ID : **26433042136**
Status : **Not Answered**
Chosen Option : **--**

Q.6 Which of the following novel is written by Bhisham Sahni?

Ans ✗ 1. Vande Mataram

✓ 2. Tamas

✗ 3. Nirmala

✗ 4. Gunahon Ka Devta

Question ID : **26433038755**
Status : **Answered**
Chosen Option : **2**

Q.7 What is the role of ribosomes of a polysome?

Ans ✓ 1. Translate the mRNA into proteins

✗ 2. Help in making DNA

✗ 3. Help in DNA replication

✗ 4. Create rRNA

Question ID : **26433039440**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Who synthesised acetic acid for the first time?

Ans ✗ 1. Berthelot

✗ 2. F Wohler

✗ 3. Berzelius

✓ 4. Kolbe

Question ID : **26433039403**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.9 The Novel 'Train to Pakistan' dealing with the tragedy of India's Partition is written by whom among the following authors?

Ans ✗ 1. Mulk Raj Anand

✗ 2. Ruskin Bond

✗ 3. M L Malgaonkar

✓ 4. Khushwant Singh

Question ID : **26433042160**
Status : **Answered**
Chosen Option : **3**

Q.10 Identify the factor that does NOT affect the salinity of the ocean.

Ans ✓ 1. The type of marine organisms found in the water bodies

✗ 2. The rate of evaporation and precipitation

✗ 3. Wind

✗ 4. The amount of fresh water flowing into the ocean

Question ID : **26433041875**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.11 Who among the following is NOT a recipient of Bharat Ratna Award?

Ans ✗ 1. Bhimsen Joshi

✗ 2. Pandit Ravi Shankar

✗ 3. Bismillah Khan

✓ 4. Pandit Kumar Gandharva

Question ID : **26433041925**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.12 The systematic name of which compound is nitrogen trihydride that is widely used in many industrial processes, and as a fertiliser and refrigerant?

Ans ✗ 1. Potash

✗ 2. Urea

✗ 3. Phosphine

✓ 4. Ammonia

Question ID : **26433044810**

Status : **Answered**

Chosen Option : **4**

Q.13 The "Sattriya" classical dance is associated with which state?

Ans ✗ 1. Kerala

✗ 2. Bihar

✗ 3. Odisha

✓ 4. Assam

Question ID : **26433038838**

Status : **Answered**

Chosen Option : **4**

Q.14 Allah Jilai Bai, a singer from Rajasthan is famous for which of the following?

Ans ✗ 1. Ghazals

✓ 2. Folk songs

✗ 3. Bhajans

✗ 4. Hindustani classical vocals

Question ID : **26433041735**

Status : **Not Answered**

Chosen Option : **--**

Q.15 What is the maximum number of players of a single team on the floor at one time in a basketball game?

Ans ✗ 1. 7

✗ 2. 6

✗ 3. 4

✓ 4. 5

Question ID : **26433042207**

Status : **Not Answered**

Chosen Option : **--**

Q.16 Which of the following teams was defeated by the Indian Hockey team to win the bronze medal in Asian Champions Trophy 2021 on December 22, 2021?

Ans ✓ 1. Pakistan

✗ 2. Bangladesh

✗ 3. Nepal

✗ 4. Sri Lanka

Question ID : **26433038928**

Status : **Not Answered**

Chosen Option : **--**

Q.17 Rama Vaidyanathan was awarded with the honour of the Devadasi National Award in 2013 for her contribution in which of the following Indian dance forms?

Ans ✗ 1. Mohiniyattam

✗ 2. Odissi

✗ 3. Kuchipudi

✓ 4. Bharatnatyam

Question ID : **26433042343**

Status : **Not Answered**

Chosen Option : **--**

Q.18 Famous singer Teejan Bai is related to which of the following folk musics?

Ans ✗ 1. Pabuji ki Phad

✓ 2. Pandvani

✗ 3. Mand

✗ 4. Aalha

Question ID : **26433038822**

Status : **Not Answered**

Chosen Option : **--**

Q.19 Which of the following is used as a pesticide or fumigant for cereals and as an igniting agent in flares?

Ans ✗ 1. Ethanoic acid

✗ 2. Magnesium bisulphite

✓ 3. Aluminium phosphide

✗ 4. Hydrogen peroxide

Question ID : **26433044867**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.20 As per coding convention of India Census, how many digit code is used for showing state code?

Ans ✗ 1. 1

✗ 2. 3

✓ 3. 2

✗ 4. 4

Question ID : **26433042014**
Status : **Not Answered**
Chosen Option : **--**

Q.21 In which sport is the term LONA used?

Ans ✓ 1. Kabaddi

✗ 2. Kho-Kho

✗ 3. Volleyball

✗ 4. Soft ball

Question ID : **26433042198**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Who among the following has been awarded the Padma Shri in 2020 for her contribution in Indian Classical dance?

Ans ✓ 1. Indira PP Bora

✗ 2. Shovana Narayan

✗ 3. Rukmini Devi Arundale

✗ 4. Padma Subrahmanyam

Question ID : **26433042265**
Status : **Marked For Review**
Chosen Option : **3**

Q.23 Kamalini Asthana and Nalini Asthana, the celebrated dancer duo have been conferred the Padma Shri for their significant contribution to which of the following dance forms in 2022?

Ans ✗ 1. Kathakali

✗ 2. Manipuri

✓ 3. Kathak

✗ 4. Bharatanatyam

Question ID : **26433041781**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Autobiography of an Unknown Indian is the collective memoir of _____.

Ans ✓ 1. Nirad C Chaudhuri

✗ 2. Vikram Seth

✗ 3. Salman Rushdie

✗ 4. Amitav Ghosh

Question ID : **26433044542**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.25 Who among the following won the Best Male Singer National Award at the 67th National Film Awards?

Ans ✗ 1. Mika Singh

✗ 2. Arijit Singh

✗ 3. K.J Yesudas

✓ 4. B Praak

Question ID : **26433038774**
Status : **Not Answered**
Chosen Option : **--**