Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	**Join Telegram for** GK,**Static** GK
Candidate Name	**Join Telegram for** GK,**Static** GK
Venue Name	iON Digital Zone iDZ Tatisilwai
Exam Date	25/05/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CHSL 2021 Tier I

Section : **English Language**

Q.1 **Select the INCORRECTLY spelt word.**

Ans ✔ 1. Informassional

✘ 2. Personnel

✘ 3. Informal

✘ 4. Personal

Question ID : **26433039798**
Status : **Answered**
Chosen Option : **1**

Q.2 **Select the most appropriate option to substitute the underline segment in the given sentence.**
My sincerity and patience <u>drove me</u> through all odds and problems of life

Ans ✔ 1. carried me

✘ 2. flew me

✘ 3. ran me

✘ 4. lifted me

Question ID : **26433042821**
Status : **Answered**
Chosen Option : **1**

Q.3 **Select the most appropriate meaning of the idiom given in bold in the following sentence.**
She was within a hair's breadth of winning.

Ans ✘ 1. certain

✘ 2. desirous

✔ 3. narrow margin

✘ 4. accomplished

Question ID : **26433043153**
Status : **Answered**
Chosen Option : **3**

Q.4 **Select the most appropriate option that can substitute the underlined words in the given sentence.**
He is <u>an excessively enthusiastic and strict follower</u> of Judaism.

Ans ✘ 1. a janissary

✘ 2. a Zionist

✔ 3. a zealot

✘ 4. a healer

Question ID : **26433045377**
Status : **Answered**
Chosen Option : **3**

Q.5 Select the INCORRECTLY spelt word.

Ans ✗ 1. Enthusiasm

✓ 2. Acomplishment

✗ 3. Convenience

✗ 4. Auxiliary

Question ID : **26433043139**	
Status : **Answered**	
Chosen Option : **2**	

Q.6 Select the most appropriate option that can substitute the underlined part in the given sentence.

Her writing is very <u>ilegible</u> and so she loses marks in her exam.

Ans ✗ 1. illeggible

✗ 2. illegibel

✓ 3. illegible

✗ 4. illegal

Question ID : **26433042789**	
Status : **Answered**	
Chosen Option : **3**	

Q.7 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
My uncle <u>is doing</u> business in Hyderabad for the last 10 years.

Ans ✓ 1. has been doing

✗ 2. No substitution required

✗ 3. did

✗ 4. doing

Question ID : **26433039919**	
Status : **Answered**	
Chosen Option : **1**	

Q.8 Complete the sentence with an appropriate synonym of the word mentioned in the bracket.
The party was so amazing that everyone _____ (hated) leaving it.

Ans ✓ 1. loathed

✗ 2. enhanced

✗ 3. revered

✗ 4. embraced

Question ID : **26433045444**	
Status : **Answered**	
Chosen Option : **3**	

Q.9 Select the most appropriate synonym of the word given in the brackets to fill in the blank.

Doing adventure sports is banned for athletes as it can be _____ (perilous).

Ans ✗ 1. reliable

✗ 2. worthless

✗ 3. adventurous

✓ 4. treacherous

Question ID : **26433045432**	
Status : **Answered**	
Chosen Option : **4**	

Q.10 Select the option that expresses the given sentence in active voice.

The library building was renovated in 2020.

Ans ✗ 1. They were renovating the building in 2020.

✗ 2. They had renovated the library building in 2020.

✓ 3. They renovated the library building in 2020.

✗ 4. They did renovating the building in 2020.

Question ID : **26433043037**	
Status : **Answered**	
Chosen Option : **3**	

Q.11 Select the option that expresses the given sentence in active voice.

Has the assignment been uploaded by you?

Ans ✗ 1. Have you been uploaded the assignment?

✓ 2. Have you uploaded the assignment?

✗ 3. Did you upload the assignment?

✗ 4. Were you uploading the assignment?

Question ID : **26433043028**	
Status : **Answered**	
Chosen Option : **2**	

Q.12 Select the option that expresses the given sentence in active voice.

Coffee is sipped by me.

Ans ✗ 1. I have sipped coffee.

✓ 2. I sip coffee.

✗ 3. I have had sipped coffee.

✗ 4. I am sipping coffee.

Question ID : **26433039758**	
Status : **Answered**	
Chosen Option : **2**	

Q.13 Select the INCORRECTLY spelt word.

Ans ✗ 1. Occurrence

✗ 2. Accommodation

✓ 3. Priviledge

✗ 4. Erroneous

Question ID : **26433040082**	
Status : **Answered**	
Chosen Option : **3**	

Q.14 Select the most appropriate ANTONYM of the highlighted word.
His liberal policies were responsible for progress in the community.

Ans ✗ 1. ineffectual

✓ 2. conservative

✗ 3. central

✗ 4. hysterical

Question ID : **26433045479**

Status : **Answered**

Chosen Option : **1**

Q.15 In the following passage, a word has been deleted. Read the passage carefully and select the most appropriate option to fill in the blank.
Manpower exporters and overseas recruiters commonly _____ in illegal business practices for short-term _____ gain.

Ans ✗ 1. honoured, professional

✓ 2. indulged, monetary

✗ 3. regulated, personal

✗ 4. thrived, devotional

Question ID : **26433045593**

Status : **Answered**

Chosen Option : **2**

Q.16 Select the most appropriate meaning of the given idiom.
Grease someone's palm

Ans ✗ 1. Go to battle

✗ 2. Put in hard work

✓ 3. Bribe someone

✗ 4. Be jealous of someone

Question ID : **26433039841**

Status : **Answered**

Chosen Option : **3**

Q.17 Select the INCORRECTLY spelt word.

Ans ✗ 1. Consciousness

✗ 2. Encyclopaedia

✗ 3. Euphemism

✓ 4. Embberassment

Question ID : **26433039803**

Status : **Answered**

Chosen Option : **2**

Q.18 Select the option that will improve the underlined part of the given sentence.
She is <u>educated</u> than her sister.

Ans ✗ 1. far educated

✓ 2. more educated

✗ 3. best educated

✗ 4. good educated

Question ID : **26433043008**

Status : **Answered**

Chosen Option : **2**

Q.19 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. I went to college from the eleventh grade and never went to the twelfth grade, and skipped another grade earlier, so I was a pretty young fellow at Morehouse.
B. At the age of fifteen, I entered Morehouse College and my father and my maternal grandfather had also attended, so Morehouse has had three generations of Kings.
C. The professors were not caught up in the clutches of state funds and could teach what they wanted with academic freedom and encouraged us in a positive quest for a solution to racial ills.
D. I shall never forget the hardships that I had upon entering college, for though I had been one of the top students in high school, I was still reading at only an eighth-grade level.

Ans ✔ 1. BDAC

✘ 2. ABDC

✘ 3. ADBC

✘ 4. BADC

Question ID : **26433045612**
Status : **Answered**
Chosen Option : **1**

Q.20 Select the option that will improve the underlined part of the given sentence.
I keep telling myself <u>how I am lucky to have</u> such wonderful sisters.

Ans ✔ 1. how lucky I am to have

✘ 2. how lucky I am to having

✘ 3. how I am lucky for

✘ 4. how I am lucky for having

Question ID : **26433042857**
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.
Yoga is a personal journey for everyone as now most people are turning to it, not for fitness (1) _____, but for the union of both, body and soul. Yoga is an ancient practice that (2) _____ in India. It involves movement, meditation and breathing (3) _____ to promote mental and physical well-being. There are many styles of yoga. A person should (4) _____ a style based on their goals and fitness level. If yoga and pranayam are complemented with other forms of spiritual practice to purify the mental body and other bodies, then a person can achieve rapid spiritual progress in his lifetime. Thus a person can make progress to achieve the purpose of life which is to (5) _____ with God.

SubQuestion No : 21

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

Ans ✘ 1. rather

✘ 2. change

✘ 3. apart

✔ 4. alone

Question ID : **26433045671**
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.

Yoga is a personal journey for everyone as now most people are turning to it, not for fitness (1) _____, but for the union of both, body and soul. Yoga is an ancient practice that (2) _____ in India. It involves movement, meditation and breathing (3) _____ to promote mental and physical well-being. There are many styles of yoga. A person should (4) _____ a style based on their goals and fitness level. If yoga and pranayam are complemented with other forms of spiritual practice to purify the mental body and other bodies, then a person can achieve rapid spiritual progress in his lifetime. Thus a person can make progress to achieve the purpose of life which is to (5) _____ with God.

SubQuestion No : 22

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

Ans ✗ 1. settled

✗ 2. came

✓ 3. originated

✗ 4. involved

Question ID : **26433045672**
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.

Yoga is a personal journey for everyone as now most people are turning to it, not for fitness (1) _____, but for the union of both, body and soul. Yoga is an ancient practice that (2) _____ in India. It involves movement, meditation and breathing (3) _____ to promote mental and physical well-being. There are many styles of yoga. A person should (4) _____ a style based on their goals and fitness level. If yoga and pranayam are complemented with other forms of spiritual practice to purify the mental body and other bodies, then a person can achieve rapid spiritual progress in his lifetime. Thus a person can make progress to achieve the purpose of life which is to (5) _____ with God.

SubQuestion No : 23

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

Ans ✗ 1. senses

✓ 2. techniques

✗ 3. phases

✗ 4. pursuit

Question ID : **26433045673**
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.

Yoga is a personal journey for everyone as now most people are turning to it, not for fitness (1) _____, but for the union of both, body and soul. Yoga is an ancient practice that (2) _____ in India. It involves movement, meditation and breathing (3) _____ to promote mental and physical well-being. There are many styles of yoga. A person should (4) _____ a style based on their goals and fitness level. If yoga and pranayam are complemented with other forms of spiritual practice to purify the mental body and other bodies, then a person can achieve rapid spiritual progress in his lifetime. Thus a person can make progress to achieve the purpose of life which is to (5) _____ with God.

SubQuestion No : 24

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

Ans   ✔️ 1. choose

     ❌ 2. familiarise

     ❌ 3. make

     ❌ 4. strike

Question ID : **26433045674**
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.

Yoga is a personal journey for everyone as now most people are turning to it, not for fitness (1) _____, but for the union of both, body and soul. Yoga is an ancient practice that (2) _____ in India. It involves movement, meditation and breathing (3) _____ to promote mental and physical well-being. There are many styles of yoga. A person should (4) _____ a style based on their goals and fitness level. If yoga and pranayam are complemented with other forms of spiritual practice to purify the mental body and other bodies, then a person can achieve rapid spiritual progress in his lifetime. Thus a person can make progress to achieve the purpose of life which is to (5) _____ with God.

SubQuestion No : 25

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

Ans   ❌ 1. compete

     ❌ 2. progress

     ✔️ 3. merge

     ❌ 4. mark

Question ID : **26433045675**
Status : **Answered**
Chosen Option : **3**

Section : **General Intelligence**

Q.1 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
41*2*36*6*57*7*4*3

Ans   ❌ 1. $+, -, =, \times, -, \div, -$

     ❌ 2. $-, =, +, \times, -, +, \times$

     ✔️ 3. $\times, +, \div, -, =, x, +$

     ❌ 4. $-, +, \times, -, =, +, \times$

Question ID : **26433040239**
Status : **Answered**
Chosen Option : **3**

Q.2 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
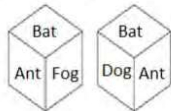
78*3*14*80*2

Ans   ✗ 1. +,÷,=,×

     ✗ 2. +,×,=,÷

     ✓ 3. ÷,+,=,÷

     ✗ 4. −,=,+,×

Question ID : **26433040223**	
Status : **Answered**	
Chosen Option : **3**	

Q.3 Two different positions of the same dice are shown, the six faces of which are marked as Ant, Bat, Cat, Dog, Egg, Fog.

Select the word that will be on the face opposite to the one showing 'Dog'.

Ans   ✓ 1. Fog

     ✗ 2. Cat

     ✗ 3. Bat

     ✗ 4. Egg

Question ID : **26433040340**	
Status : **Answered**	
Chosen Option : **1**	

Q.4 Pointing to a lady in a photograph, Vijay said, "Her sister's mother is the sister of my father's daughter." How is the lady related to Vijay?

Ans   ✗ 1. Mother

     ✓ 2. Sister's daughter

     ✗ 3. Daughter

     ✗ 4. Sister

Question ID : **26433040310**	
Status : **Answered**	
Chosen Option : **2**	

Q.5 Which of the following numbers will replace the question mark (?) in the given series?

28, 40, 25, ?, 22, 46

Ans   ✗ 1. 41

     ✓ 2. 43

     ✗ 3. 44

     ✗ 4. 42

Question ID : **26433040584**	
Status : **Answered**	
Chosen Option : **2**	

Q.6 Select the correct mirror image of the given combination when the mirror is placed at MN as shown in the figure.

M

h 5 r 6 y 2 |

N

Ans ✗ 1. Ƨ ʏ 9 ɿ 2 ʜ

✗ 2. Ƨ ʏ ᕤ ɿ 2 ʜ

✓ 3. Ƨ ʏ ᕤ ɿ 2 ʜ

✗ 4. Ƨ ʏ 9 ɿ 2 ʜ

	Question ID : **26433043592**
	Status : **Answered**
	Chosen Option : **3**

Q.7 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.
25*5*10*2*8*11

Ans ✗ 1. ÷,×,+,−, =

✗ 2. ×, ÷,−,+, =

✗ 3. −,+,÷,×,=

✓ 4. ÷,−,+,×, =

	Question ID : **26433040617**
	Status : **Answered**
	Chosen Option : **4**

Q.8 If 3 March 2020 was Tuesday, then what was the day of the week on 3 February 2019?

Ans ✗ 1. Wednesday

✗ 2. Friday

✓ 3. Sunday

✗ 4. Monday

	Question ID : **26433040669**
	Status : **Answered**
	Chosen Option : **3**

Q.9 Which letter cluster will replace the question mark (?) to complete the given series?
ETRE, AZJG, WFBI, SLTK, ?

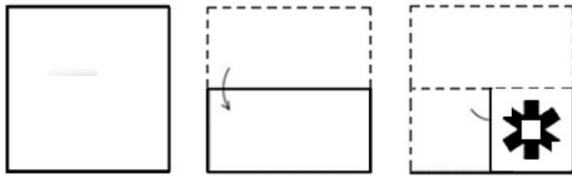**Ans** ✗ 1. OPLM

✓ 2. ORLM

✗ 3. ORMM

✗ 4. OPMM

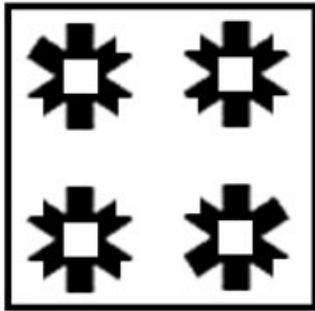|	
	Question ID : **26433043514**
	Status : **Answered**
	Chosen Option : **2**

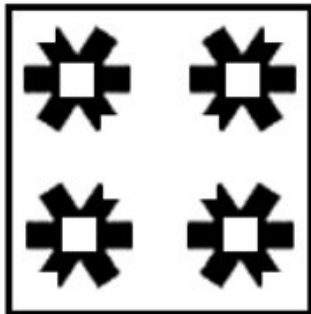**Q.10** A paper is folded and cut as shown below. How will it appear when unfolded?
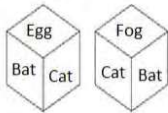

Ans

✕ 1.

✔ 2.

✕ 3.

✕ 4.
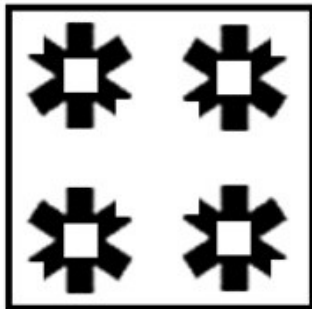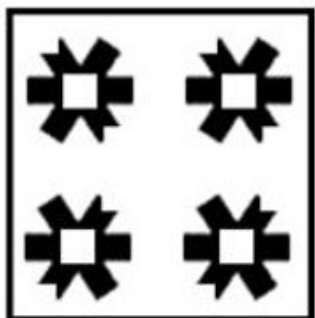
Q.11 Two different positions of the same dice are shown, the six faces of which are marked as Ant, Bat, Cat, Dog, Egg, Fog.
Select the word that will be on the face opposite to the one showing 'Fog'

Ans ✗ 1. Ant

✗ 2. Dog

✗ 3. Bat

✓ 4. Egg

Question ID : 26433040341
Status : **Answered**
Chosen Option : **4**

Q.12 In a certain code language, 'HISTORY' is written as 'SRHGLIB' and 'RECORD' is written as 'IVXLIW'.How will 'ARCHIVE' be written in that language?

Ans ✗ 1. ZIXSGEV

✗ 2. ZIXTREV

✓ 3. ZIXSREV

✗ 4. AIXSREV

Question ID : 26433043407
Status : **Answered**
Chosen Option : **3**

Q.13 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?
WUT, RPO, MKJ, HFE, ?

Ans ✓ 1. CAZ

✗ 2. ACZ

✗ 3. CZA

✗ 4. AZC

Question ID : 26433045152
Status : **Answered**
Chosen Option : **1**

Q.14 Which of the following numbers will replace the question mark (?) in the given number series?
56, 68, ?, 128, 176, 236

Ans ✗ 1. 80

✗ 2. 116

✗ 3. 74

✓ 4. 92

Question ID : 26433038605
Status : **Answered**
Chosen Option : **4**

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

M

ear692

N

Ans

✗ 1. ᘔ69ɹɒɘ

✗ 2. ɀ69ɹɒɘ

✗ 3. ᘔ69ɹɒɘ

✓ 4. ᘔ69ɹɒɘ

Question ID : **26433040168**	
Status : **Answered**	
Chosen Option : **4**	

Q.16 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(75, 25, 28)
(136, 34, 38)
(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, 9, 15)

✗ 2. (45, 9, 12)

✗ 3. (55, 5, 11)

✓ 4. (105, 35, 38)

Question ID : **26433043228**	
Status : **Answered**	
Chosen Option : **4**	

Q.17 In a certain code language, 'CAPON' is written as 'EYRMP' and 'DECOY' is written as 'FCEMA'. How will 'POWER' be written in that language?

Ans

✗ 1. RQGDT

✓ 2. RMYCT

✗ 3. RMWDT

✗ 4. RNVDV

Question ID : **26433040139**	
Status : **Answered**	
Chosen Option : **2**	

Q.18 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
96 * 6 * 24 * 49*25

Ans

✗ 1. +,×,=,÷

✗ 2. ÷,−,=,+

✗ 3. −, +,×,=

✓ 4. ×,÷,=,−

Question ID : **26433040216**	
Status : **Answered**	
Chosen Option : **4**	

Q.19 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.

57*35*7*14*2*34

Ans   ✓ 1. +, ÷,–,×, =

    ✗ 2. ×, +, ÷,–, =

    ✗ 3. –,÷,+,×, =

    ✗ 4. +,–, ×,÷, =

Question ID : **26433040602**	
Status : **Answered**	
Chosen Option : **1**	

Q.20 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row- 6,39, 124
Second row- 8 , 53, ?
Third row- 11, 74, 229
(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. 111

    ✗ 2. 161

    ✗ 3. 116

    ✓ 4. 166

Question ID : **26433045254**	
Status : **Answered**	
Chosen Option : **4**	

Q.21 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row: 3, 2, 30
Second row: 7, 5, 175
Third row: 4, 6, ?
(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. 125

    ✗ 2. 110

    ✓ 3. 120

    ✗ 4. 140

Question ID : **26433043336**	
Status : **Answered**	
Chosen Option : **3**	

Q.22 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.
DENIAL : IANDEL :: OBJECT : ECJOBT :: FLAVOR : ?

Ans   ✓ 1. VOAFLR

    ✗ 2. OVAFRL

    ✗ 3. VOAFRL

    ✗ 4. OVFARL

Question ID : **26433040277**	
Status : **Answered**	
Chosen Option : **1**	

Q.23 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.
YAR : RAY :: TCA : ACT :: TAB : ?

Ans ✗ 1. TBA

✗ 2. ABT

✗ 3. ATB

✔ 4. BAT

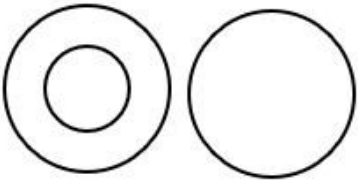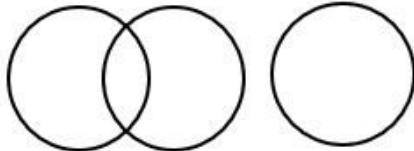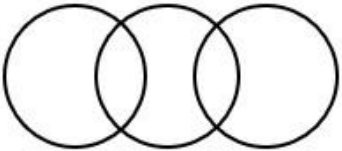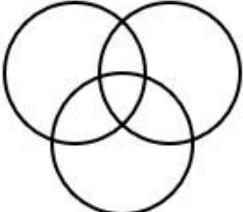**Q.24** Select the Venn diagram that best illustrates the relationship between the following classes.
King, Father, Queen

Ans

✗ 1.

✔ 2.

✗ 3.
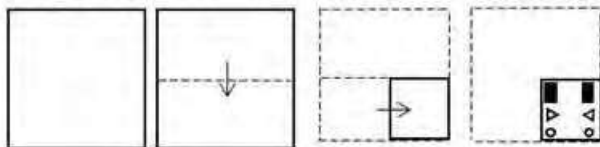
✗ 4.

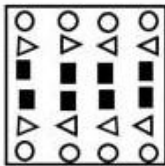**Q.25** A paper is folded and cut as shown. How will it appear when unfolded?

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.
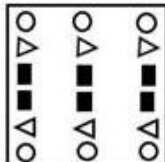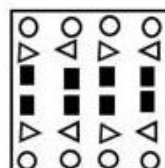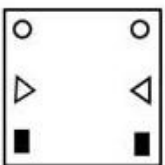
Question ID : **26433040397**

Status : **Answered**

Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 In Class 8 of a school, the ratio of students playing cricket to those playing football is 27 : 13, while the ratio of those playing football to those playing hockey is 26 : 14. If the total number of students in Class 8 is 470, and each student plays exactly one game, find the percentage of students of the class playing cricket. [Give your answer correct to two decimal places.]

Ans

✗ 1. 55.47%

✗ 2. 54.75%

✔ 3. 57.45%

✗ 4. 56.35%

Question ID : **26433039348**

Status : **Answered**

Chosen Option : **3**

Q.2 The table 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

How many students scored at least 30 marks but less than 40 marks in the test?

Ans ✗ 1. 8

✗ 2. 3

✗ 3. 1

✔ 4. 2

Question ID : **26433045985**
Status : **Answered**
Chosen Option : **4**

Q.3 If sec θ - cos θ = 14 and 14sec θ = x, then the value of x is _____.

Ans ✔ 1. $\tan^2 \theta$

✗ 2. $\sec^2 \theta$

✗ 3. 2sec θ

✗ 4. 2tan θ

Question ID : **26433042654**
Status : **Answered**
Chosen Option : **1**

Q.4 If $x + \frac{1}{x} = -13$, what is the value of $x^4 + \frac{1}{x^4}$?

Ans ✔ 1. 27887

✗ 2. 27891

✗ 3. 29243

✗ 4. 28561

Question ID : **26433044333**
Status : **Answered**
Chosen Option : **1**

Q.5 If $(x + \frac{1}{x}) = 7.5$, what is the value of $(x^3 + \frac{1}{x^3})$?

Ans ✔ 1. 54.25

✗ 2. 52.25

✗ 3. 56.25

✗ 4. 58.25

Question ID : **26433043990**
Status : **Not Answered**
Chosen Option : **--**

Q.6 The population of a city increases at the rate of 10% per annum. If the population of the city was 2 crore in 2018, then the population of the city in the year 2021 was:

Ans ✗ 1. 2.3 crore

✗ 2. 2.6 crore

✓ 3. 2.662 crore

✗ 4. 2.42 crore

Question ID : **26433041595**
Status : **Answered**
Chosen Option : **3**

Q.7 What will be a single equivalent discount for successive discounts of 20%, 40% and 75% on the marked price of an item?

Ans ✗ 1. 65%

✗ 2. 78%

✓ 3. 88%

✗ 4. 45%

Question ID : **26433038686**
Status : **Answered**
Chosen Option : **3**

Q.8 Study the given graph carefully and answer the question that follows.

sales of 3 companies (1, 2, 3) over the years (in ₹ crores)
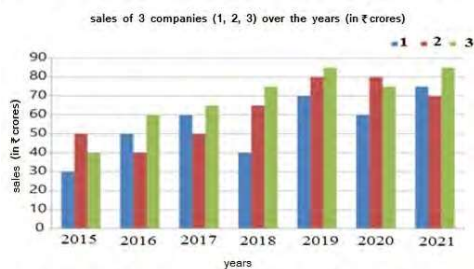
In which of the following years was the sales of company 1 exactly half of the total sales of companies 2 and 3 together in that year?

Ans ✗ 1. 2019

✗ 2. 2021

✓ 3. 2016

✗ 4. 2020

Question ID : **26433039279**
Status : **Answered**
Chosen Option : **3**

Q.9 In a company there are only two types of employees, workers and officers. 35% of the employees are officers and the average monthly salary of an officer is ₹39,000 more than the combined average monthly salary of an employee. What is the difference between the average monthly salaries of an officer and a worker?

Ans ✗ 1. ₹52,650

✗ 2. ₹50,700

✗ 3. ₹64,350

✓ 4. ₹60,000

Question ID : **26433044272**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.10

Simplify $[7\frac{1}{2} \div \{1\frac{1}{4} - \frac{1}{2}(2\frac{1}{2} - \overline{\frac{1}{4} - \frac{1}{6}})\}] \div (\frac{1}{2}$ of $8\frac{1}{3})$.

Ans   ✗ 1. 26

   ✗ 2. 36

   ✓ 3. 43.2

   ✗ 4. 23.6

Question ID : **26433039151**	
Status : **Answered**	
Chosen Option : **3**	

Q.11 If, in a family, consumption of sugar is 6 kg for 24 days, then what is the consumption of sugar for 18 days?

Ans   ✗ 1. 3.75 kg

   ✗ 2. 4 kg

   ✗ 3. 3.6 kg

   ✓ 4. 4.5 kg

Question ID : **26433041590**	
Status : **Answered**	
Chosen Option : **4**	

Q.12 A pond is 50 m long, 35 m wide and 2.5 m deep. Find the capacity of the pond.

Ans   ✗ 1. 4165 m^3

   ✓ 2. 4375 m^3

   ✗ 3. 4165 m^3

   ✗ 4. 3850 m^3

Question ID : **26433039544**	
Status : **Answered**	
Chosen Option : **2**	

Q.13 16 men can paint 15 walls in 45 days. In how many days can 20 men paint 20 walls?

Ans   ✗ 1. 40

   ✗ 2. 60

   ✓ 3. 48

   ✗ 4. 45

Question ID : **26433043962**	
Status : **Answered**	
Chosen Option : **3**	

Q.14 The cost price of an article is Rs.6,450. If it sold at a profit 16%, how much would be its selling price?

Ans   ✓ 1. Rs.7,482

   ✗ 2. Rs.7,428

   ✗ 3. Rs.7,842

   ✗ 4. Rs.7,282

Question ID : **26433042424**	
Status : **Answered**	
Chosen Option : **1**	

Q.15 In a Panchayat election, three candidates were there in the fray. The losing candidates got an equal number of votes and the winning candidate got as many votes as the rest of the two got collectively. If the total votes polled were 1500, find the number of votes that the winning candidate got assume all votes polled were valid.

Ans   ✔ 1. 750

   ✘ 2. 625

   ✘ 3. 575

   ✘ 4. 800

Question ID : **26433043902**
Status : **Answered**
Chosen Option : **1**

Q.16 A shopkeeper wanted to sell ₹2,700 worth of products. But he had two options — giving two successive discounts of 10% and 15%, respectively, or giving a single discount of 25%. What was the difference between the two options?

Ans   ✔ 1. ₹40.50

   ✘ 2. ₹42.75

   ✘ 3. ₹44.00

   ✘ 4. ₹47.50

Question ID : **26433039526**
Status : **Answered**
Chosen Option : **1**

Q.17 On dividing 8675123 by a certain number, the quotient is 33611 and the remainder is 3485. The divisor is _____.

Ans   ✘ 1. 538

   ✔ 2. 258

   ✘ 3. 248

   ✘ 4. 356

Question ID : **26433042600**
Status : **Answered**
Chosen Option : **2**

Q.18 RA and RB are two tangents from a common point 'R' outside the circle with centre 'O', having a radius of 6 cm. If ∠ARB = 70°, find the measure of the angle AOB.

Ans   ✘ 1. 130°

   ✔ 2. 110°

   ✘ 3. 120°

   ✘ 4. 80°

Question ID : **26433041681**
Status : **Answered**
Chosen Option : **2**

Q.19 The given table shows the consumption of grains (in kilograms) by a village per day over the given set of years. Study the table and answer the following question.

For which set of years (in options) is the combined consumption per day equal to that for the other set of years?

Year	Rice	Wheat	Maize	Barley
1998–2000	181	50	35	26
2003–2005	167	44	39	17
2008–2010	169	38	49	25
2013–2015	150	45	51	21
2018–2020	147	54	63	24

Ans ✗ 1. 1998–2000 and 2008–2010

✗ 2. 2008–2010 and 2013–2015

✓ 3. 2003–2005 and 2013–2015

✗ 4. 1998–2000 and 2003–2005

Question ID : **26433044163**
Status : **Answered**
Chosen Option : **3**

Q.20 If the total surface area of a cube is 96 cm^2 , then find the volume of the cube.

Ans ✓ 1. 64 cm^3

✗ 2. 82 cm^3

✗ 3. 27 cm^3

✗ 4. 74 cm^3

Question ID : **26433042409**
Status : **Answered**
Chosen Option : **1**

Q.21 Find the surface area of a cuboid 17 m long, 8 m broad and 3 m high.

Ans ✗ 1. 420 m^2

✗ 2. 417 m^2

✗ 3. 402 m^2

✓ 4. 422 m^2

Question ID : **26433038726**
Status : **Answered**
Chosen Option : **4**

Q.22 A worker's average income for a week is ₹180. He earned ₹115, ₹212, ₹170, ₹165, ₹185, and ₹225 from Monday to Saturday. Find his Sunday's income.

Ans ✗ 1. ₹191

✓ 2. ₹188

✗ 3. ₹195

✗ 4. ₹178

Question ID : **26433041463**
Status : **Answered**
Chosen Option : **2**

Q.23 The time taken by a 180 m long train running at a speed of 54 km/h to cross a man standing on the platform is:

Ans ✘ 1. 10 seconds

✔ 2. 12 seconds

✘ 3. 11 seconds

✘ 4. 9 seconds

Q.24 If 49 litres of a milk solution has 63% milk in it, then how much milk should be added to make the concentration of milk 70% in the solution?

Ans

✔ 1. $11\dfrac{13}{30}$ litres

✘ 2. $14\dfrac{7}{30}$ litres

✘ 3. $12\dfrac{11}{30}$ litres

✘ 4. $13\dfrac{1}{30}$ litres

Q.25 If $x + y + z = 0$, then find the value of $x^3 + y^3 + z^3 - 3xyz$.

Ans ✘ 1. 1

✘ 2. $x^3 + y^3 + z^3$

✔ 3. 3xyz

✘ 4. 0

Section : **General Awareness**

Q.1 Who among the following personalities has written the National Song 'Vande Mataram'?

Ans ✘ 1. Sarojini Naidu

✔ 2. Bankim Chandra Chattopadhyay

✘ 3. Rabindra Nath Tagore

✘ 4. Sri Aurobindo

Q.2 **Identify the element that helps to trap light energy that is essential for photosynthesis.**

Ans   ✗ 1. Cristae

      ✗ 2. Amyloplasts

      ✓ 3. Carotenoid

      ✗ 4. Vacuoles

	Question ID : **26433039442**
	Status : **Not Answered**
	Chosen Option : **--**

Q.3 **Which of the following novels is NOT written by Amitav Ghosh?**

Ans   ✗ 1. The Circle of Reason

      ✓ 2. A Suitable Boy

      ✗ 3. Sea of Poppies

      ✗ 4. The Shadow Lines

	Question ID : **26433042219**
	Status : **Answered**
	Chosen Option : **2**

Q.4 **The foreign exchange reserves in India crossed the landmark of _____ in June 2021.**

Ans   ✗ 1. US$ 900 trillion

      ✗ 2. US$ 600 trillion

      ✓ 3. US$ 600 billion

      ✗ 4. US$ 900 billion

	Question ID : **26433044536**
	Status : **Answered**
	Chosen Option : **3**

Q.5 **Reni Village in Garhwal was known for what environmental movement in 1970?**

Ans   ✗ 1. Save Silent Valley Movement

      ✓ 2. Chipko Movement

      ✗ 3. Jungle Bachao Andolan

      ✗ 4. Appiko Movement

	Question ID : **26433039488**
	Status : **Answered**
	Chosen Option : **2**

Q.6 **Who is the recipient of 2021 Abhinandan Saroja National Award?**

Ans   ✗ 1. Sujata Mohapatra

      ✗ 2. Gopika Varma

      ✗ 3. N Amusana Devi

      ✓ 4. Aparna Satheesan

	Question ID : **26433041971**
	Status : **Not Answered**
	Chosen Option : **--**

Q.7 Under the electron microscope, which cell organelle is visible as either clusters or single, small dots that float freely in the cytoplasm?

Ans ✗ 1. Golgi apparatus

✓ 2. Ribosomes

✗ 3. Vesicles

✗ 4. Peroxisomes

Question ID : **26433044755**
Status : **Not Answered**
Chosen Option : **--**

Q.8 The equipment bolt is used in which sport?

Ans ✗ 1. Swimming

✓ 2. Mountaineering

✗ 3. Cycling

✗ 4. Motor sports

Question ID : **26433042210**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Who among the following is the first ever Grammy award winner from India?

Ans ✗ 1. Pt Hari Prasad Chaurasia

✓ 2. Pt Ravi Shankar

✗ 3. Ustad Zakir Husain

✗ 4. Pt Shiv Prakash Sharma

Question ID : **26433041719**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Among the following freedom fighters of India, whose autobiography is 'Why am I an Atheist'?

Ans ✗ 1. Ras Behari Bose

✓ 2. Bhagat Singh

✗ 3. Ram Prasad Bismil

✗ 4. Aurobindo Ghosh

Question ID : **26433042218**
Status : **Answered**
Chosen Option : **2**

Q.11 Padma Shri awardee Guru Amubi Singh was conferred the award for his significant contributions in which of the following dance forms?

Ans ✗ 1. Kathak

✓ 2. Manipuri

✗ 3. Bharatanatyam

✗ 4. Odissi

Question ID : **26433041776**
Status : **Not Answered**
Chosen Option : **--**

Q.12 _____ was first trained in classical music under her father Ustad 'Baba' Allauddin Khan, and established the Maihar-Senia gharana with his help.

Ans ✗ 1. Anupama Bhagwat

    ✓ 2. Annapurna Devi

    ✗ 3. Roopa Panesar

    ✗ 4. Sahana Banerjee

Question ID : 26433044576
Status : **Not Answered**
Chosen Option : **--**

Q.13 The Guinness world record for the highest number of songs recorded in a day is held by an Indian Playback Singer. How many songs in a day were recorded?

Ans ✗ 1. 34

    ✗ 2. 26

    ✗ 3. 30

    ✓ 4. 28

Question ID : 26433041743
Status : **Not Answered**
Chosen Option : **--**

Q.14 Who among the following is NOT a part of the Union Executive?

Ans ✗ 1. The Prime Minister of India

    ✗ 2. The President of India

    ✓ 3. The Supreme Court of India

    ✗ 4. The council of ministers

Question ID : 26433039630
Status : **Answered**
Chosen Option : **1**

Q.15 Who among the following personalities received the Prestigious National Nritya Shiromani Award 2022?

Ans ✗ 1. Vedantam Ramalinga Sastry

    ✗ 2. Deepa Sashindran

    ✗ 3. KV Satyanarayana

    ✓ 4. Aparna Satheesan

Question ID : 26433041753
Status : **Not Answered**
Chosen Option : **--**

Q.16 Which group is on the second column from the right in the periodic table and contains fluorine (F), chlorine (Cl), bromine (Br), iodine (I), astatine (At) and tennessine (Ts)?

Ans ✗ 1. Group 16

    ✗ 2. Group 15

    ✗ 3. Group 13

    ✓ 4. Group 17

Question ID : 26433044824
Status : **Answered**
Chosen Option : **4**

Q.17 In the case of Mohammad Salimullah vs _____, the Supreme Court observed in 2021 that the 'Right not to be deported' is concomitant to Article 19 and available only to Indian citizens?

Ans ✗ 1. State of Maharashtra

✓ 2. Union of India

✗ 3. State of Tripura

✗ 4. Union Territory of Lakshadweep

Question ID : **26433044416**
Status : **Not Answered**
Chosen Option : **--**

Q.18 The 13th ICC ODI Cricket World Cup will be organised by _____.

Ans ✗ 1. England

✗ 2. South Africa

✗ 3. West Indies

✓ 4. India

Question ID : **26433044476**
Status : **Answered**
Chosen Option : **4**

Q.19 In July 2021, in which state/Union Territory did the Ministry of Social Justice and Empowerment of the Government of India launch the 'Samajik Adhikarita Shivir' for the distribution of assistive devices and aids to 'Divyangjan'?

Ans ✗ 1. Chhattisgarh

✗ 2. Delhi

✓ 3. Madhya Pradesh

✗ 4. Punjab

Question ID : **26433041833**
Status : **Not Answered**
Chosen Option : **--**

Q.20 What type of forests are found north and south of the equator between 40° and 60° where rainfall is high, between 500-1500 mm in a year?

Ans ✗ 1. Taiga forests

✗ 2. Coniferous forests

✗ 3. Mediterranean forests

✓ 4. Temperate deciduous forests

Question ID : **26433044874**
Status : **Not Answered**
Chosen Option : **--**

Q.21 What type of rocks were once igneous or sedimentary, but have metamorphosed as a result of intense heat and/or pressure within the Earth's crust?

Ans ✗ 1. Granite

✓ 2. Quartzite

✗ 3. Sandstone

✗ 4. Basalt

Question ID : **26433044882**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Who among the following is the author of 'Set the Boy Free'?

Ans ✗ 1. David Niven

✓ 2. Johnny Marr

✗ 3. Paul Kalanithi

✗ 4. Bill Browder

Question ID : **26433044664**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Which of the following artificial colouring agents is used in dietary supplements, sauces, soups and broths, bakery, dairy fats and oils, seafood, condiments, breath fresheners, desserts, convenience foods and beverages?

Ans ✗ 1. Acid fuchsin

✗ 2. Orange G

✗ 3. Oil red O

✓ 4. Quinoline yellow

Question ID : **26433044868**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Launched in April 2021, the PM Umeed Scheme aims to provide skills training to around three lakh youths to become entrepreneurs. The tenure of this scheme is upto _____.

Ans ✗ 1. 2027-28

✗ 2. 2023-24

✓ 3. 2025-26

✗ 4. 2029-30

Question ID : **26433044397**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Aparna Satheesan, a US based exponent of Bharatanatyam/Kuchipudi, won the prestigious Abhinandan Saroja National Award by the National Institute of Indian Classical Dance in which of the following years?

Ans ✓ 1. 2021

✗ 2. 2011

✗ 3. 2017

✗ 4. 2005

Question ID : **26433042345**
Status : **Not Answered**
Chosen Option : **--**