

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 Baruipur
Exam Date	09/06/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CHSL 2021 Tier I

Section : English Language

Q.1 Select the most appropriate **ANTONYM** of the underlined word in the following sentence.

You have made only perfunctory attempts to understand me!

Ans ☒ 1. adamant

☒ 2. careful

☒ 3. basic

☒ 4. casual

Question ID : 26433042839

Status : Not Answered

Chosen Option : --

Q.2 Select the most appropriate meaning of the given idiom.

Be under a cloud

Ans ☒ 1. To be very happy

☒ 2. To be gloomy

☒ 3. To be untrustworthy

☒ 4. To have a hidden talent

Question ID : 26433043193

Status : Not Answered

Chosen Option : --

Q.3 Select the most appropriate synonym of the given word.

Imprisonment

Ans ☒ 1. Incapacitation

☒ 2. Incarceration

☒ 3. Inarch

☒ 4. Imputation

Question ID : 26433043128

Status : Not Answered

Chosen Option : --

Q.4 Select the most appropriate meaning of the given idiom.

Hit the sack

- Ans**
- ☒ 1. Miss the mark
 - ☒ 2. Confirm the target
 - ☒ 3. Complete the assignment
 - ☒ 4. Go to sleep

Question ID : 26433043066

Status : **Answered**

Chosen Option : 2

Q.5 Select the **INCORRECTLY** spelt word.

- Ans**
- ☒ 1. Hallucinate
 - ☒ 2. Hiatus
 - ☒ 3. Sacrilage
 - ☒ 4. Launderette

Question ID : 26433039059

Status : **Not Answered**

Chosen Option : --

Q.6 Select the most appropriate meaning of the given idiom.
In queer street

- Ans**
- ☒ 1. Among scoundrels
 - ☒ 2. In prison
 - ☒ 3. Lost your way
 - ☒ 4. In debt

Question ID : 26433039989

Status : **Not Answered**

Chosen Option : --

Q.7 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

When we got / to the train station, / the Rajdhani Express / had already been leaving.

- Ans**
- ☒ 1. the Rajdhani Express
 - ☒ 2. When we got
 - ☒ 3. had already been leaving
 - ☒ 4. to the train station

Question ID : 26433039739

Status : **Answered**

Chosen Option : 3

Q.8 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The students / and the teachers / worked hardly / to make the event a success.

- Ans**
- ☒ 1. and their teachers
 - ☒ 2. worked hardly
 - ☒ 3. The students
 - ☒ 4. to make the event a success

Question ID : 26433039684

Status : **Answered**

Chosen Option : 4

Q.9 Select the option that will improve the underlined part of the given sentence.
I guessed her feelings when she started crying.

Ans ☒ 1. estimated her emotions

☐ 2. estimated her rejoinders

☐ 3. estimated her reactions

☐ 4. estimated her ripostes

Question ID : 26433045399

Status : Answered

Chosen Option : 1

Q.10 Select the option that expresses the given sentence in passive voice.
His friends arranged for the ambulance and took him immediately to the hospital.

Ans ☐ 1. His friends would have arranged for the ambulance and taken him immediately to the hospital.

☐ 2. His friends were arranged for the ambulance and taken him immediately to the hospital.

☐ 3. The ambulance arranged for his friends and took him immediately to the hospital.

☒ 4. The ambulance was arranged for by his friends and he was immediately taken to the hospital.

Question ID : 26433040074

Status : Answered

Chosen Option : 4

Q.11 Complete the collocation.
When we met first it was very difficult to _____ the ice.

Ans ☐ 1. smash

☐ 2. burst

☒ 3. break

☐ 4. shatter

Question ID : 26433042882

Status : Answered

Chosen Option : 1

Q.12 Select the most appropriate option to fill in the blank
Tagore and Gandhi were undoubtedly the two outstanding and _____ figures of India in the first half of twentieth century.

Ans ☒ 1. dominating

☐ 2. activating

☐ 3. resuming

☐ 4. appreciating

Question ID : 26433039942

Status : Answered

Chosen Option : 4

Q.13 Select the option that can be used as a one-word substitute for the underlined group of words.

Raman is finding it difficult to adjust as he has come to a different country from his own country for settling

- Ans ☒ 1. Pilgrim
☒ 2. Immigrant
☒ 3. Globetrotter
☒ 4. Gypsy

Question ID : 26433045574

Status : Not Answered

Chosen Option : --

Q.14 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Effervescent
☒ 2. Unorganised
☒ 3. Efficient
☒ 4. Scaleable

Question ID : 26433045523

Status : Answered

Chosen Option : 1

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.They also resolved to impose restrictions on the Russian central bank's ability to access and deploy the country's 'war chest' of an estimated \$630 billion in foreign exchange reserves.

B.Saturday's announcement by the US, the UK and European allies, including France and Germany, of a raft of 'further restrictive economic measures' to increase the costs on Russia for its invasion of Ukraine has just raised the risks of a more widespread economic fallout from this war.

C.The immediate impact of these moves on Russia's economy and financial markets have manifested in a sharp depreciation in the value of the Rouble.

D.With a view to further isolating Russia from the international financial system, the Western allies decided to block 'selected' Russian banks from the SWIFT messaging system that banks and financial institutions use to validate and complete international payment transactions.

- Ans ☒ 1. BDAC
☒ 2. BACD
☒ 3. ABCD
☒ 4. DBAC

Question ID : 26433039076

Status : Not Answered

Chosen Option : --

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

- Ans ☒ 1. Regularize
☒ 2. Labor
☒ 3. Particularize
☒ 4. Purify

Question ID : 26433045447

Status : Not Answered

Chosen Option : --

Q.17 Select the most appropriate synonym of the given word.
Exorcise

- Ans ☒ 1. Invent
☒ 2. Expel
☒ 3. Introduce
☒ 4. Expect

Question ID : 26433039778
Status : Not Answered
Chosen Option : --

Q.18 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Who is talking in the phone?

- Ans ☒ 1. for
☒ 2. on
☒ 3. with
☒ 4. at

Question ID : 26433039692
Status : Answered
Chosen Option : 2

Q.19 Select the most appropriate ANTONYM of the underlined word in the following sentence.
You can sleep here but this bed is squalid and wet.

- Ans ☒ 1. disorderly
☒ 2. uncomfortable
☒ 3. clean
☒ 4. painful

Question ID : 26433042838
Status : Not Answered
Chosen Option : --

Q.20 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Loquacity
☒ 2. Athiest
☒ 3. Intrepid
☒ 4. Affluence

Question ID : 26433039068
Status : Not Answered
Chosen Option : --

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.

The Union Budget, 2018-19, has proposed to treat school education holistically without (1)_____ from pre-nursery to Class 12. Samagra Shiksha - an overarching programme for the school education sector extending from pre-school to class 12 has been, therefore, (2)_____ with the broader goal of improving school effectiveness measured in terms of equal opportunities (3)_____ schooling and equitable learning outcomes. The Goal SDG-4.1 states that, "By 2030, ensure that all boys and girls complete free, equitable and quality primary and secondary education (4)_____ to relevant and effective learning outcomes". Further the SDG 4.5 states that, "By 2030, eliminate gender (5)_____ in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations".

SubQuestion No : 21

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

- Ans  1. attachment
-  2. segmentation
-  3. accord
-  4. agreement

Question ID : 26433045809

Status : Not Answered

Chosen Option : --





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.

The Union Budget, 2018-19, has proposed to treat school education holistically without (1)_____ from pre-nursery to Class 12. Samagra Shiksha - an overarching programme for the school education sector extending from pre-school to class 12 has been, therefore, (2)_____ with the broader goal of improving school effectiveness measured in terms of equal opportunities (3)_____ schooling and equitable learning outcomes. The Goal SDG-4.1 states that, "By 2030, ensure that all boys and girls complete free, equitable and quality primary and secondary education (4)_____ to relevant and effective learning outcomes". Further the SDG 4.5 states that, "By 2030, eliminate gender (5)_____ in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations".

SubQuestion No : 22

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

- Ans  1. prepared
-  2. prepares
-  3. preparing
-  4. prepare

Question ID : 26433045810

Status : Not Answered

Chosen Option : --

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.

The Union Budget, 2018-19, has proposed to treat school education holistically without (1)_____ from pre-nursery to Class 12. Samagra Shiksha - an overarching programme for the school education sector extending from pre-school to class 12 has been, therefore, (2)_____ with the broader goal of improving school effectiveness measured in terms of equal opportunities (3)_____ schooling and equitable learning outcomes. The Goal SDG-4.1 states that, "By 2030, ensure that all boys and girls complete free, equitable and quality primary and secondary education (4)_____ to relevant and effective learning outcomes". Further the SDG 4.5 states that, "By 2030, eliminate gender (5)_____ in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations".

SubQuestion No : 23

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

Ans  1. for

 2. to

 3. on

 4. at

Question ID : 26433045811

Status : Not Answered

Chosen Option : --

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.


The Union Budget, 2018-19, has proposed to treat school education holistically without (1)_____ from pre-nursery to Class 12. Samagra Shiksha - an overarching programme for the school education sector extending from pre-school to class 12 has been, therefore, (2)_____ with the broader goal of improving school effectiveness measured in terms of equal opportunities (3)_____ schooling and equitable learning outcomes. The Goal SDG-4.1 states that, "By 2030, ensure that all boys and girls complete free, equitable and quality primary and secondary education (4)_____ to relevant and effective learning outcomes". Further the SDG 4.5 states that, "By 2030, eliminate gender (5)_____ in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations".

SubQuestion No : 24

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

Ans  1. to be leading

 2. leading

 3. leads

 4. lead

Question ID : 26433045812

Status : Not Answered

Chosen Option : --

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.

The Union Budget, 2018-19, has proposed to treat school education holistically without (1)_____ from pre-nursery to Class 12. Samagra Shiksha - an overarching programme for the school education sector extending from pre-school to class 12 has been, therefore, (2)_____ with the broader goal of improving school effectiveness measured in terms of equal opportunities (3)_____ schooling and equitable learning outcomes. The Goal SDG-4.1 states that, "By 2030, ensure that all boys and girls complete free, equitable and quality primary and secondary education (4)_____ to relevant and effective learning outcomes". Further the SDG 4.5 states that, "By 2030, eliminate gender (5)_____ in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations".

SubQuestion No : 25

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

- Ans ☒ 1. agreement
☒ 2. harmony
☒ 3. similarity
☒ 4. disparities

Question ID : 26433045813

Status : Not Answered

Chosen Option : --

Section : General Intelligence

Q.1 Two statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All sparrows are peacocks.

Some peacocks are birds.

Conclusions:

I. All birds are sparrow.

II. Some sparrows are not birds.

- Ans ☒ 1. Both conclusions I and II follow
☒ 2. Only conclusion I follows
☒ 3. Neither conclusion I nor II follows
☒ 4. Only conclusion II follows

Question ID : 26433045141

Status : Answered

Chosen Option : 3

Q.2 Select the option that is related to the fifth term in the same way as the second term is related to the first term and fourth term is related to third term.

PLANK : RMDOM :: TABLE : VBEMG :: ZEBRA : ?

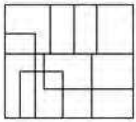
- Ans ☒ 1. BEFSC
☒ 2. CFESC
☒ 3. BFESC
☒ 4. CEFSC

Question ID : 26433043588

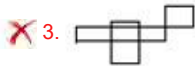
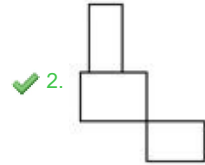
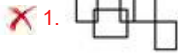
Status : Answered

Chosen Option : 3

Q.3 Select the option that is embedded in the given figure as its part (rotation is NOT allowed).



Ans



Question ID : 26433040177

Status : Answered

Chosen Option : 2

Q.4 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.

34 : 169 :: 42 : 209 :: 28 : ?

Ans

☒ 1. 119

☒ 2. 139

☒ 3. 109

☒ 4. 129

Question ID : 26433043313

Status : Answered

Chosen Option : 2

Q.5 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.

8 : 48 :: 19 : ? :: 16 : 112

Ans

☒ 1. 136

☒ 2. 142

☒ 3. 145

☒ 4. 138

Question ID : 26433045038

Status : Not Answered

Chosen Option : --

Q.6 If 31 August 2000 was Friday, then what was the day of the week on 31 August 2009?

Ans

☒ 1. Monday

☒ 2. Tuesday

☒ 3. Wednesday

☒ 4. Friday

Question ID : 26433040747

Status : Answered

Chosen Option : 1

Q.7 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
 $14 * 11 * 97 * 67 * 10$

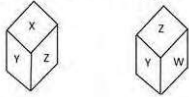
- Ans ☒ 1. +, -, =, ×
☒ 2. ×, -, =, +
☒ 3. ×, -, =, -
☒ 4. +, =, -, ×

Question ID : 26433040213

Status : Answered

Chosen Option : 3

Q.8 Two different positions of the same dice are shown, the six faces of which are marked from U to Z. Select the letter that will be on the face opposite to the one showing 'X'.



- Ans ☒ 1. V
☒ 2. Z
☒ 3. Y
☒ 4. W

Question ID : 26433040401

Status : Answered

Chosen Option : 4

Q.9 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

pr7t14

M ————— N

- Ans ☒ 1. p l 7 t 1 4
☒ 2. b l 7 t 1 4
☒ 3. b l 7 t 1 4
☒ 4. b l 7 t 1 4

Question ID : 26433040322

Status : Answered

Chosen Option : 2

Q.10 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row: 58, -28, -90

Second row: -17, 21, -12

Third row: -8, -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. 38
☒ 2. 45
☒ 3. -40
☒ 4. -35

Question ID : 26433043322

Status : Not Answered

Chosen Option : --

Q.11 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. 4328 : 8324

☐ 2. 2437 : 7342

☐ 3. 3569 : 9653

☐ 4. 1786 : 6871

Question ID : 26433043575

Status : Answered

Chosen Option : 3

Q.12 In a certain code language, 'you can do' is written as 'mat hat pat', 'They can work' is written as 'rat pat ant' and 'they do think' is written as 'ant hat cat'. How will 'Think' be written in that language?

Ans ☐ 1. mat

☐ 2. pat

☒ 3. cat

☐ 4. ant

Question ID : 26433043420

Status : Answered

Chosen Option : 3

Q.13 In a certain code language, 'PIZZA' is written as 'PZZIA' and 'CHEESE' is written as 'CSEEHE'. How will 'PASTA' be written in that language?

Ans ☐ 1. PTSTA

☐ 2. PTASA

☐ 3. PSTAA

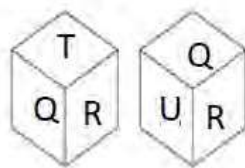
☒ 4. PTSAA

Question ID : 26433040762

Status : Answered

Chosen Option : 4

Q.14 Two different positions of the same dice are shown, the six faces of which are marked as P, Q, R, S, T, U. Select the letter that will be on the face opposite to the one showing 'T'.



Ans ☒ 1. U

☐ 2. S

☐ 3. R

☐ 4. P

Question ID : 26433041076

Status : Answered

Chosen Option : 1

Q.15 Which of the following numbers will replace the question mark (?) in the given series?
9, 12, 21, 36, 57, 84, ?

- Ans ☒ 1. 171
☒ 2. 117
☒ 3. 172
☒ 4. 127

Question ID : 26433045195
Status : Answered
Chosen Option : 2

Q.16 In a certain code language, "SUIT" is written as "SITU", and "CUTE" is written as "CTEU". How will "WASH" be written in that language?

- Ans ☒ 1. WHAS
☒ 2. WSHA
☒ 3. WSAH
☒ 4. HAWS

Question ID : 26433043483
Status : Answered
Chosen Option : 2

Q.17 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
 $79 * 2 * 58 * 2 * 14 * 143$

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

Question ID : 26433040472
Status : Answered
Chosen Option : 3

Q.18 Which letter-cluster will replace the question mark (?) to complete the given series?
AXUV, ?, YZWT, XAXS, WBYR

- Ans ☒ 1. ZYVU
☒ 2. CZSV
☒ 3. BZVW
☒ 4. XWUV

Question ID : 26433039021
Status : Answered
Chosen Option : 1

Q.19 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.
7689 : 120 :: 6178 : 88 :: 3284 : ?

- Ans ☒ 1. 68
☒ 2. 70
☒ 3. 69
☒ 4. 75

Question ID : 26433043561
Status : Answered
Chosen Option : 1

Q.20 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

p _ r _ p o _ p o r b _ o _ p o r b _ o r

- Ans ☒ 1. obppop
☒ 2. obopr p
☒ 3. obrpro
☒ 4. obrprp

Question ID : 26433043398

Status : Not Answered

Chosen Option : --

Q.21 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. 2834 : 18
☒ 2. 8671 : 22
☒ 3. 9876 : 30
☒ 4. 3427 : 16

Question ID : 26433043576

Status : Answered

Chosen Option : 1

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

First row: 32, 51, 33
Second row: 28, 33, 25
Third row: 16, 27, ?

(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.)

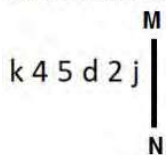
- Ans ☒ 1. 19
☒ 2. 17
☒ 3. 15
☒ 4. 18

Question ID : 26433043319

Status : Not Answered

Chosen Option : --

Q.23 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.



Ans

- ☒ 1. j 2 p 2 4 k
- ☒ 2. j 5 b 2 4 k
- ☒ 3. j 2 b 2 j k 4 2 p
- ☒ 4. j 5 b 2 j k 4 2 p

Question ID : 26433040546

Status : Answered

Chosen Option : 2

Q.24 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Hypocrisy
2. Hilarious
3. Humidity
4. Highlight
5. Hallucinate

Ans

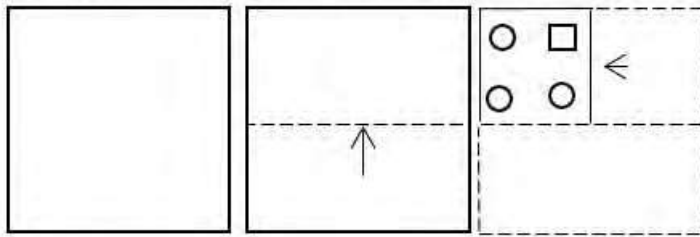
- ☒ 1. 5,2,4,3,1
- ☒ 2. 5,3,4,2,1
- ☒ 3. 5,4,2,3,1
- ☒ 4. 5,4,3,2,1

Question ID : 26433040434

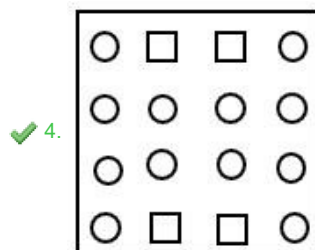
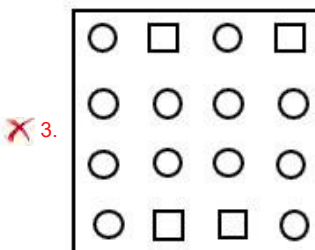
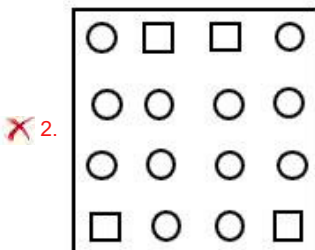
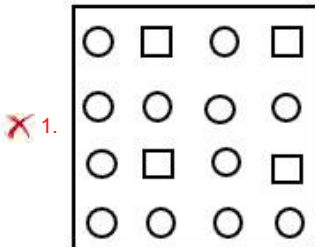
Status : Answered

Chosen Option : 3

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



Ans



Question ID : 26433040514

Status : Answered

Chosen Option : 4

Section : Quantitative Aptitude

Q.1 The difference between a discount of 35% and two successive discounts of 20% and 20% on a certain bill, was ₹22. Find the amount of the bill.

Ans ✗ 1. ₹2,800

✓ 2. ₹2,200

✗ 3. ₹3,200

✗ 4. ₹2,000

Question ID : 26433042510

Status : Not Answered

Chosen Option : --

Q.2 Riya runs $\frac{3}{2}$ times as fast as Perna. In a race, if Riya gives a lead of 100 m to Perna, find the distance Riya has to run before both of them meet.

- Ans
- ☐ 1. 315 m
 - ☒ 2. 300 m
 - ☐ 3. 265 m
 - ☐ 4. 240 m

Question ID : 26433039535

Status : Not Answered

Chosen Option : --

Q.3 Simplify the following: 50% of $[6 - \{15 - [6 + 8 \div (5 - 3)] + 2\}]$

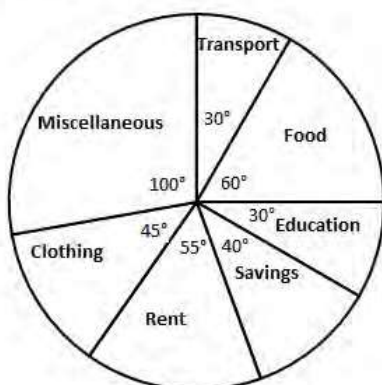
- Ans
- ☐ 1. 12.5
 - ☒ 2. 1.5
 - ☐ 3. 4
 - ☐ 4. 200

Question ID : 26433042550

Status : Not Answered

Chosen Option : --

Q.4 The given pie chart presents the monthly expenses on various heads and the savings of Mr. X's family. Study the pie chart and answer the question that follows.



If the total income of Mr. X is ₹1,20,000, then how much does he pay for transport?

- Ans
- ☐ 1. ₹15,000
 - ☐ 2. ₹12,000
 - ☐ 3. ₹20,000
 - ☒ 4. ₹10,000

Question ID : 26433042669

Status : Not Answered

Chosen Option : --

Q.5 While selling to the retailer, a company allows 30% discount on the marked price of its products. If the retailer sells those products at marked price, his profit per cent will be

Ans

☐ 1. $42\frac{8}{7}\%$

☒ 2. $42\frac{6}{7}\%$

☐ 3. $42\frac{4}{7}\%$

☐ 4. $42\frac{2}{7}\%$

Question ID : 26433044348

Status : Not Answered

Chosen Option : --

Q.6 A shopkeeper sold an article for ₹1,326 after allowing a discount of 15% on its marked price. Find the marked price of the article.

Ans

☐ 1. ₹1,153

☒ 2. ₹ 1,560

☐ 3. ₹1,525

☐ 4. ₹1,650

Question ID : 26433044149

Status : Not Answered

Chosen Option : --

Q.7 If $(x + 2)$ and $(x - 3)$ are the factors of $x^2 + k_1x + k_2$, then:

Ans

☐ 1. $k_1 = 1$ and $k_2 = -6$

☒ 2. $k_1 = -1$ and $k_2 = -6$

☐ 3. $k_1 = -1$ and $k_2 = 6$

☐ 4. $k_1 = 1$ and $k_2 = 6$

Question ID : 26433039584

Status : Answered

Chosen Option : 3

Q.8 In a right circular cone, the radius of the base is 14 cm and the height is 48 cm. A cross-section is made through the midpoint of the height parallel to the base. The volume of the upper portion is: (Take $\pi=22/7$)

Ans

☐ 1. 1102 cm^3

☒ 2. 1232 cm^3

☐ 3. 1120 cm^3

☐ 4. 1442 cm^3

Question ID : 26433039185

Status : Not Answered

Chosen Option : --

Q.9 On a sum of money, when invested for 2 years, compound interest and simple interest are ₹300 and ₹250, respectively. For both simple and compound interests the rate of interest per annum is the same, and for compound interest, interest is compounded annually. Find the rate of interest per annum.

Ans ☒ 1. 10%

☒ 2. 20%

☒ 3. 40%

☒ 4. 30%

Question ID : 26433042707

Status : Not Answered

Chosen Option : --

Q.10 Find the greatest possible value of (a + b) for which the 8-digit number 143b203a is divisible by 15.

Ans ☒ 1. 15

☒ 2. 17

☒ 3. 16

☒ 4. 14

Question ID : 26433041417

Status : Not Answered

Chosen Option : --

Q.11 Gopal travels from A to B at the speed of 5km/h, from B to C at 10 km/h, and from C to D at 15 km/h. If AB = BC = CD, then find Gopal's average speed.

Ans ☒ 1. $8\frac{2}{11}$ km/h

☒ 2. $70\frac{2}{11}$ km/h

☒ 3. $60\frac{2}{11}$ km/h

☒ 4. $9\frac{2}{11}$ km/h

Question ID : 26433041295

Status : Not Answered

Chosen Option : --

Q.12 P, Q and R are batsmen. The ratio of the runs scored by them in a certain match was P : Q = 16 : 17 and Q : R = 15 : 16. At the end of the match, they scored a total of 956 runs. The number of runs scored by R is (nearest to an integer):

Ans ☒ 1. 440

☒ 2. 335

☒ 3. 339

☒ 4. 430

Question ID : 26433039168

Status : Not Answered

Chosen Option : --

Q.13 Study the given table and answer the question that follows.

The following table gives the month- wise number of different types of scooters produced by a company during the first six months of 1992.

Types of scooters \ Months	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
X	25	25	18	40	20	15
Y	25	27	50	45	30	20
Z	25	27	15	25	30	20
T	25	26	25	0	30	35
TOTAL	100	105	108	110	110	90

In which month, did the company produce an equal number of scooters of each type ?

- Ans ☒ 1. May
☒ 2. January
☒ 3. March
☒ 4. June

Question ID : 26433045920

Status : Answered

Chosen Option : 2

Q.14 The average weight of 8 men is increased by 1.5 kg when one of the men who weighs 65kg is replaced by a new man. The weight of the new man is:

- Ans ☒ 1. 71 kg
☒ 2. 87 kg
☒ 3. 81 kg
☒ 4. 77 kg

Question ID : 26433042379

Status : Answered

Chosen Option : 4

Q.15 If $k + \left(\frac{1}{k}\right) = 2$, find the value of $8k \times k \times k$.

- Ans ☒ 1. 8
☒ 2. 1
☒ 3. 4
☒ 4. 2

Question ID : 26433041349

Status : Answered

Chosen Option : 1

Q.16 There is a continuous growth in the population of a village at the rate of 5% per annum. If its present population is 18522, what was the population of the village 3 years ago?

- Ans ☒ 1. 17500
☒ 2. 16400
☒ 3. 16000
☒ 4. 17200

Question ID : 26433039373

Status : Not Answered

Chosen Option : --

Q.17 If 15 boys earn ₹900 in 5 days, then how much will 20 boys earn in 7 days?

- Ans ☐ 1. ₹1,580
- ☒ 2. ₹1,680
- ☐ 3. ₹1,540
- ☐ 4. ₹1,650

Question ID : 26433044358

Status : Answered

Chosen Option : 2

Q.18 In a circle, AB and CD are two diameters which are perpendicular to each other. Find the length of chord AC.

- Ans ☐ 1. $\sqrt{2}$ CD
- ☒ 2. $\frac{AB}{\sqrt{2}}$
- ☐ 3. $\frac{CD}{2}$
- ☐ 4. 2 AB

Question ID : 26433042734

Status : Answered

Chosen Option : 1

Q.19 The expenditure of a company increases by 25%, then increases by 30%, then further decreases by 20%.The overall percentage change in expenditure is:

- Ans ☐ 1. 10
- ☒ 2. 30
- ☐ 3. 34
- ☐ 4. 22

Question ID : 26433044018

Status : Answered

Chosen Option : 2

Q.20 The following table shows the marks (in percentages) obtained by six students in four different subjects in an examination. The maximum marks in each subject is 100.

Student	SUBJECT			
	Physics	Chemistry	Math	Geography
A	85	90	70	80
B	75	75	75	85
C	80	60	75	85
D	90	85	75	90
E	95	90	85	90
F	90	90	95	90

Answer the following questions based on the table:

In which of the following subjects is the average of the percentage marks obtained by the six students the highest?

- Ans ☐ 1. Maths
- ☒ 2. Geography
- ☐ 3. Chemistry
- ☐ 4. Physics

Question ID : 26433045953

Status : Answered

Chosen Option : 2

Q.21

Simplify $\frac{(r-s)^3 + (s-t)^3 + (t-r)^3}{6(r-s)(s-t)(t-r)}$

Ans

☐ 1. $\frac{1}{6}$

☒ 2. $\frac{1}{2}$

☐ 3. $\frac{1}{3}$

☐ 4. $\frac{1}{4}$

Question ID : 26433039270

Status : Answered

Chosen Option : 2

Q.22 By using faulty weight, a shopkeeper cheats to the extent of 6% while buying and selling rice. Find his gain percentage (rounded to two decimal places).

Ans

☐ 1. 14.66%

☐ 2. 13.65%

☒ 3. 12.77%

☐ 4. 11.25%

Question ID : 26433038862

Status : Not Answered

Chosen Option : --

Q.23 The radius of a roller is 14 cm and its length 20 cm. It takes 235 complete revolutions to move once over to level a playground. Find the area of the playground. (Use $\pi=22/7$)

Ans

☐ 1. 4136 cm^2

☐ 2. $4136 \times 10^3 \text{ cm}^2$

☐ 3. 41360 cm^2

☒ 4. $4136 \times 10^2 \text{ cm}^2$

Question ID : 26433038724

Status : Not Answered

Chosen Option : --

Q.24 If α is an acute angle, which of the following options will NOT necessarily be equal to the value of $\operatorname{cosec} \alpha$?

Ans

☒ 1. $\frac{1}{\cos \alpha}$

☐ 2. $\sqrt{1 + \cot^2 \alpha}$

☐ 3. $\frac{1}{\sin \alpha}$

☐ 4. $\frac{\cot \alpha}{\cos \alpha}$

Question ID : 26433044318

Status : Not Answered

Chosen Option : --

Q.25 Find the total surface area of a cylinder with diameter of base 28 cm and height 70 cm.
(Take $\pi=22/7$)

- Ans
- ☒ 1. 7300 cm²
 - ☒ 2. 7932 cm²
 - ☒ 3. 8000 cm²
 - ☒ 4. 7392 cm²

Question ID : 26433039251
Status : Not Answered
Chosen Option : --

Section : General Awareness

Q.1 M S Subbulakshmi, a legend in India is known for which of the following?

- Ans
- ☒ 1. Ghazal music
 - ☒ 2. Hindustani music
 - ☒ 3. Sufi devotional music
 - ☒ 4. Carnatic music

Question ID : 26433044446
Status : Not Answered
Chosen Option : --

Q.2 Which term is used to describe all living communities on earth, including animals, plants, bacteria, fungi and photosynthetic microbes?

- Ans
- ☒ 1. Biosphere
 - ☒ 2. Community
 - ☒ 3. Habitat
 - ☒ 4. Biome

Question ID : 26433044858
Status : Not Answered
Chosen Option : --

Q.3 'Waiting for A Visa' is a famous autobiography of _____.

- Ans
- ☒ 1. Swami Achutanand
 - ☒ 2. Dr. BR Ambedkar
 - ☒ 3. Babu Jagjivan Ram
 - ☒ 4. MC Rajah

Question ID : 26433038740
Status : Not Answered
Chosen Option : --

Q.4 Who among the following personalities along with his sons played 'Raga for Peace' in the year 2014 at the 'Nobel Peace Prize Concert'?

- Ans
- ☒ 1. Pandit Ram Narayan
 - ☒ 2. Ustad Bismillah Khan
 - ☒ 3. Pandit Hariprasad Chaurasia
 - ☒ 4. Ustad Amjad Ali Khan

Question ID : 26433041747
Status : Not Answered
Chosen Option : --

Q.5 Who is the author of the historical novel 'Twilight in Delhi'?

- Ans** ☒ 1. Ahmed Ali
- ☐ 2. Amrita Pritam
- ☐ 3. Khushwant Singh
- ☐ 4. Krishna Sobti

Question ID : **26433039015**
Status : **Not Answered**
Chosen Option : --

Q.6 Lalgudi Gopala Iyer Jayaraman used to play which of the following instruments?

- Ans** ☐ 1. Harmonium
- ☐ 2. Flute
- ☐ 3. Mridangam
- ☒ 4. Violin

Question ID : **26433042240**
Status : **Not Answered**
Chosen Option : --

Q.7 'Sea of Poppies' is a novel written by which of the following writers?

- Ans** ☒ 1. Amitav Ghosh
- ☐ 2. Shashi Tharoor
- ☐ 3. Manohar Malgonkar
- ☐ 4. Anuj Dhar

Question ID : **26433042225**
Status : **Not Answered**
Chosen Option : --

Q.8 Which Article of the Indian Constitution deals with the definition of the Money Bill?

- Ans** ☐ 1. Article 120
- ☐ 2. Article 100
- ☐ 3. Article 115
- ☒ 4. Article 110

Question ID : **26433039642**
Status : **Not Answered**
Chosen Option : --

Q.9 _____ was established between informal groups (SHGs) and formal financial institutions (banks) for catering to the financial needs of the poor.

- Ans** ☒ 1. SHG–Bank linkage
- ☐ 2. SIDBI–MFI linkage
- ☐ 3. NABARD–Bank linkage
- ☐ 4. SHG–NABARD linkage

Question ID : **26433042128**
Status : **Not Answered**
Chosen Option : --

Q.10 Hydroelectric power stations generate electricity by using the force of water that falls into the turbines and spins the shaft. By rotating the shaft of the turbine, the potential energy of water is converted into _____ energy.

- Ans
- ☐ 1. chemical
 - ☐ 2. thermal
 - ☐ 3. gravitational
 - ☒ 4. kinetic

Question ID : 26433044808
Status : Answered
Chosen Option : 4

Q.11 Which is the highest peak in peninsular India?

- Ans
- ☐ 1. K2
 - ☒ 2. Anai Mudi
 - ☐ 3. Kangchenjunga
 - ☐ 4. Kamet

Question ID : 26433042009
Status : Answered
Chosen Option : 1

Q.12 Padma Shri awardee Ileana Citaristi, an Italy born Indian dance exponent was conferred the award for her major contribution to which of the following dances?

- Ans
- ☐ 1. Manipuri
 - ☐ 2. Bharatanatyam
 - ☐ 3. Kathak
 - ☒ 4. Odissi

Question ID : 26433041771
Status : Not Answered
Chosen Option : --

Q.13 In 1838, who published an article discussing the structure and origin of plant cells?

- Ans
- ☐ 1. Robert Brown
 - ☐ 2. Rudolf Virchow
 - ☒ 3. Matthias Schleiden
 - ☐ 4. Albert von Kölliker

@Qmaths

Question ID : 26433044848
Status : Not Answered
Chosen Option : --

Q.14 The famous singer Jagjit Singh is known for which of the following genres?

- Ans
- ☒ 1. Ghazal
 - ☐ 2. Bhajan
 - ☐ 3. Carnatic music
 - ☐ 4. Hindustani music

Question ID : 26433041722
Status : Answered
Chosen Option : 1

Q.15 The Men's World Boxing Championship 2023 will be hosted by which of the following countries?

- Ans ☒ 1. Uzbekistan
- ☐ 2. Turkmenistan
- ☐ 3. Kyrgyzstan
- ☐ 4. Tajikistan

Question ID : 26433044501
Status : Not Answered
Chosen Option : --

Q.16 _____ was awarded the title of Hanjaba by the Maharaja of Manipur and the Sangit Natak Akademi Award in 1966.

- Ans ☐ 1. Guru Amubi Singh
- ☐ 2. Rajkumar Singhajit Singh
- ☒ 3. Guru Bipin Singh
- ☐ 4. Sougaijam Thanil Singh

Question ID : 26433044612
Status : Not Answered
Chosen Option : --

Q.17 In July 2021, Mangubhai Chhaganbhai Patel was appointed as the Governor of _____.

- Ans ☐ 1. Maharashtra
- ☒ 2. Madhya Pradesh
- ☐ 3. Karnataka
- ☐ 4. Kerala

Question ID : 26433044406
Status : Not Answered
Chosen Option : --

Q.18 What is the name of the zone where trade winds converge?

- Ans ☐ 1. Forest zone
- ☐ 2. Intra-terrestrial zone
- ☐ 3. Inter-continental convergence zone
- ☒ 4. Inter-tropical convergence zone

Question ID : 26433039464
Status : Not Answered
Chosen Option : --

Q.19 _____ was the first woman dancer to receive the Padma Vibhushan, the nation's second-highest civilian award.

- Ans ☐ 1. Mrinalini Sarabhai
- ☐ 2. Padma Subramaniam
- ☒ 3. Tanjore Balasaraswati
- ☐ 4. Alamel Valli

Question ID : 26433044639
Status : Not Answered
Chosen Option : --

Q.20 Who among the following was awarded the Dhyan Chand Award for Lifetime achievement in Sports and Games 2021 in Boxing discipline?

- Ans ☒ 1. Gurcharan Singh
☒ 2. Lekha KC
☒ 3. Akhil Kumar
☒ 4. Devendro Singh

Question ID : 26433041849
Status : Not Answered
Chosen Option : --

Q.21 Who found out the relationship between the current I flowing in a metallic wire and the potential difference across its terminals?

- Ans ☒ 1. Albert Einstein
☒ 2. Georg Simon Ohm
☒ 3. Rutherford
☒ 4. Niels Bohr

Question ID : 26433039386
Status : Answered
Chosen Option : 2

Q.22 As of August 2021, which Indian state organises Qila Raipur Sports Festival, also known as India's Rural Olympics, annually?

- Ans ☒ 1. Gujarat
☒ 2. Punjab
☒ 3. Haryana
☒ 4. Rajasthan

Question ID : 26433044430
Status : Not Answered
Chosen Option : --

Q.23 In the early 1980s, an aspartic acid-containing dipeptide sweetener was discovered, that was about 2000 times sweeter than sucrose. What is the name of that sweetener?

- Ans ☒ 1. Alitame
☒ 2. Saccharin
☒ 3. Aspartame
☒ 4. Sucralose

Question ID : 26433044778
Status : Not Answered
Chosen Option : --


Q.24 US-based Bharatanatyam/Kuchipudi exponent _____ has won the prestigious Abhinandan Saroja National Award 2021 by the National Institute of Indian Classical Dance at Samarpan on November 15th 2021.

- Ans ☒ 1. Jeeno Joseph
☒ 2. Aparna Satheesan
☒ 3. Carol Kuruvilla
☒ 4. Sharan Lowen


Question ID : 26433044636
Status : Not Answered
Chosen Option : --

Q.25 In which sport is the equipment called antenna used?

Ans  1. Volleyball

 2. Base ball

 3. Basketball

 4. Hockey

Question ID : **26433042199**

Status : **Not Answered**

Chosen Option : --