

Combined Higher Secondary Level Examination Tier I 2022

Roll Number	Join Telegram for GK/GS
Candidate Name	Join Telegram for GK/GS
Venue Name	iON Digital Zone iDZ 1 Sector 62
Exam Date	14/03/2023
Exam Time	2:30 PM - 3:30 PM
Subject	CHSL Exam 2022 Tier I

Section : English Language

Q.1 Choose the word that can substitute the given group of words.
One that cannot be harmed/wounded

- Ans ☒ 1. Mortal
☒ 2. Mystic
☒ 3. Invulnerable
☒ 4. Bigot

Question ID : 264330124388
Status : Answered
Chosen Option : 3

Q.2 Choose the sentence with no spelling error.

- Ans ☒ 1. Your employees also have access to this data.
☒ 2. Your employees also have access to this data.
☒ 3. Your employees also have acces to this datas.
☒ 4. Your employees also have access to this data.

Question ID : 264330124438
Status : Answered
Chosen Option : 4

Q.3 The given sentence is in active voice. Change the voice of the sentence. Select the correct option from the sentences given in options.
She persuaded him for over a year.

- Ans ☒ 1. He was being persuaded by her for a year.
☒ 2. He kept being persuaded by her for a year.
☒ 3. He was persuaded by her for over a year.
☒ 4. She was being persuaded by him for over a year.

Question ID : 264330125759
Status : Answered
Chosen Option : 3

Q.4 Rearrange the parts of the sentence in correct order.
P. requires knowledge of the complex interplay among ocean
Q. chemistry and circulation, ecology of marine and terrestrial
R. organisms, ice sheet dynamics, and atmospheric chemistry and circulation
S. a full understanding of glacial-interglacial carbon dynamics

- Ans ☒ 1. PQRS
☒ 2. QPRS
☒ 3. SPQR
☒ 4. SRPQ

Question ID : 264330124430
Status : Answered
Chosen Option : 3

Q.5 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

They hired a maid to have cleaner the house.

- Ans
- ☒ 1. to cleans
 - ☒ 2. No improvement
 - ☒ 3. to clean
 - ☒ 4. for cleaner

Question ID : 264330124639
Status : Answered
Chosen Option : 3

Q.6 Choose the word that means the same as the given word.
Vacillate

- Ans
- ☒ 1. Advance
 - ☒ 2. Stir
 - ☒ 3. Plunge
 - ☒ 4. Hesitate

Question ID : 264330124441
Status : Marked For Review
Chosen Option : 4

Q.7 Fill in the blank with an appropriate option.
Google on Saturday celebrated the onset of spring in the northern hemisphere with a/an _____ graphic.

- Ans
- ☒ 1. rooting
 - ☒ 2. animated
 - ☒ 3. freezing
 - ☒ 4. implanting

Question ID : 264330124287
Status : Answered
Chosen Option : 2

Q.8 Choose the word that is opposite in meaning to the given word.
Reprove

- Ans
- ☒ 1. Rap
 - ☒ 2. Eulogize
 - ☒ 3. Pummel
 - ☒ 4. Keelhaul

Question ID : 264330124095
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.9 Choose the word that is opposite in meaning to the given word.
Abeyance

- Ans
- ☒ 1. Latency
 - ☒ 2. Moratorium
 - ☒ 3. Layoff
 - ☒ 4. Continuation

Question ID : 264330124226
Status : Answered
Chosen Option : 4

Q.10 Parts of the following sentence are given as options. Identify the part that contains a grammatical error. If there is no error, select 'No error'.
You never know when / you are going to stumble to a / jewel in the most unexpected corner.

- Ans ☒ 1. You never know when
☒ 2. you are going to stumble to a
☒ 3. jewel in the most unexpected corner.
☒ 4. No error

Question ID : 264330125762
Status : Answered
Chosen Option : 2

Q.11 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Every of the two girls will get the reward.

- Ans ☒ 1. No error
☒ 2. girls will get
☒ 3. the reward.
☒ 4. Every of the two

Question ID : 264330124421
Status : Answered
Chosen Option : 4

Q.12 Select the correct indirect form of the given sentence.
He said, "I had gone to Shimla."

- Ans ☒ 1. He said that he had gone to Shimla.
☒ 2. He said that he went to Shimla.
☒ 3. He says that he had gone to Shimla.
☒ 4. He said that he has gone to Shimla.

Question ID : 264330124420
Status : Answered
Chosen Option : 1

Q.13 Fill in the blank with the most suitable word.
At first the water _____ blue, then grey.

- Ans ☒ 1. glanced
☒ 2. seemed
☒ 3. heeded
☒ 4. lest

Question ID : 264330125757
Status : Answered
Chosen Option : 2

Q.14 Fill in the blank with an appropriate option.
Ram placed her in one of the _____ leather chairs opposite his desk.

- Ans ☒ 1. marinated
☒ 2. brewed
☒ 3. quilted
☒ 4. stewed

Question ID : 264330124209
Status : Answered
Chosen Option : 4

Q.15 Select the most appropriate option to fill in the blank.

Sir, can you reflect on the usefulness or _____ of blocking all the highways?

- Ans
- ☒ 1. impotence
 - ☒ 2. futility
 - ☒ 3. scorch
 - ☒ 4. incompatibility

Question ID : 264330124730

Status : Answered

Chosen Option : 2

Q.16 Select the word that is opposite in meaning (ANTONYM) to the word given below.

Sinister

- Ans
- ☒ 1. Propitious
 - ☒ 2. Ominous
 - ☒ 3. Baleful
 - ☒ 4. Foreboding

Question ID : 264330124746

Status : Answered

Chosen Option : 1

Q.17 Choose the incorrectly spelt word.

- Ans
- ☒ 1. Healthy
 - ☒ 2. Sugest
 - ☒ 3. Quantum
 - ☒ 4. Mechanics

Question ID : 264330124437

Status : Answered

Chosen Option : 2

Q.18 Choose the word that can substitute the given group of words.

Killing one's father

- Ans
- ☒ 1. Insecticide
 - ☒ 2. Suicide
 - ☒ 3. Tyrannicide
 - ☒ 4. Patricide

Question ID : 264330124154

Status : Answered

Chosen Option : 4

Q.19 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

Lion's mouth

- Ans
- ☒ 1. A dangerous situation
 - ☒ 2. Very talkative
 - ☒ 3. Having no sense
 - ☒ 4. A large share

Question ID : 264330124435

Status : Answered

Chosen Option : 1

Q.20 Select the most appropriate meaning of the given idiom.
A bolt from the blue

Ans ☒ 1. An unexpected event

☐ 2. A sudden run

☐ 3. An electric shock

☐ 4. To get hold of someone

Question ID : 264330125776

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

There are so many myths about the (1) _____ impacts of milk on health. Changing how much milk you drink because of (2) _____ myths may mean you are unnecessarily restricting this (3) _____ nutritious drink. Australians often restrict dairy foods when they try to (4) _____ weight believing them to be fattening. While dairy products naturally contain fat there are many reduced fat products (5) _____.

SubQuestion No : 21

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

Ans ☐ 1. kind

☐ 2. welcoming

☐ 3. impolite

☒ 4. negative

Question ID : 264330124424

Status : Answered

Chosen Option : 4

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

There are so many myths about the (1) _____ impacts of milk on health. Changing how much milk you drink because of (2) _____ myths may mean you are unnecessarily restricting this (3) _____ nutritious drink. Australians often restrict dairy foods when they try to (4) _____ weight believing them to be fattening. While dairy products naturally contain fat there are many reduced fat products (5) _____.

SubQuestion No : 22

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

Ans ☐ 1. those

☐ 2. thus

☒ 3. these

☐ 4. this

Question ID : 264330124425

Status : Answered

Chosen Option : 3

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

There are so many myths about the (1) _____ impacts of milk on health. Changing how much milk you drink because of (2) _____ myths may mean you are unnecessarily restricting this (3) _____ nutritious drink. Australians often restrict dairy foods when they try to (4) _____ weight believing them to be fattening. While dairy products naturally contain fat there are many reduced fat products (5) _____.

SubQuestion No : 23

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

- Ans ☒ 1. suddenly
☒ 2. nominally
☒ 3. highly
☒ 4. invisibly

Question ID : 264330124426

Status : Answered

Chosen Option : 3

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

There are so many myths about the (1) _____ impacts of milk on health. Changing how much milk you drink because of (2) _____ myths may mean you are unnecessarily restricting this (3) _____ nutritious drink. Australians often restrict dairy foods when they try to (4) _____ weight believing them to be fattening. While dairy products naturally contain fat there are many reduced fat products (5) _____.

SubQuestion No : 24

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

- Ans ☒ 1. lose
☒ 2. meditate
☒ 3. subjugate
☒ 4. leverage

Question ID : 264330124427

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

There are so many myths about the (1) _____ impacts of milk on health. Changing how much milk you drink because of (2) _____ myths may mean you are unnecessarily restricting this (3) _____ nutritious drink. Australians often restrict dairy foods when they try to (4) _____ weight believing them to be fattening. While dairy products naturally contain fat there are many reduced fat products (5) _____.

SubQuestion No : 25

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

- Ans ☒ 1. inoperable
☒ 2. deficient
☒ 3. durable
☒ 4. available

Question ID : 264330124428

Status : Answered

Chosen Option : 4

Section : General Intelligence

Q.1 In a certain code language, 'ANMGRS' is coded as 'PODJKX'. What is the code for 'CHAIRS' in that code language?

- Ans
- ☐ 1. POFYEZ
 - ☒ 2. POFXEZ
 - ☐ 3. POFXEY
 - ☐ 4. POFXDZ

Question ID : 264330127097
Status : Not Answered
Chosen Option : --

Q.2 In the following question, select the odd letter/letters from the given alternatives.

- Ans
- ☐ 1. RPM
 - ☐ 2. BZW
 - ☒ 3. IGE
 - ☐ 4. AYV

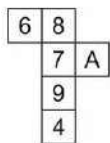
Question ID : 264330127104
Status : Answered
Chosen Option : 3

Q.3 J is the brother of L. H is the wife of J. N is the sister of P. L is the father of N. How is H related to N?

- Ans
- ☐ 1. Sister
 - ☐ 2. Mother in law
 - ☒ 3. Father's Brother's wife
 - ☐ 4. Mother

Question ID : 264330127102
Status : Answered
Chosen Option : 3

Q.4 A cube is made by folding the given sheet. In the cube so formed, which number/letter will be on the face opposite to the face showing '7'?



- Ans
- ☐ 1. A
 - ☒ 2. 4
 - ☐ 3. 6
 - ☐ 4. 8

Question ID : 264330126807
Status : Answered
Chosen Option : 2

Q.5 Select the correct alternative to indicate the arrangement of the following terms in a logical and meaningful order.

1. Post-Graduation
2. Graduation
3. Nursery
4. Matriculation
5. Higher Secondary

Ans ☒ 1. 1, 2, 4, 3, 5

☒ 2. 3, 1, 2, 4, 5

☒ 3. 3, 4, 5, 2, 1

☒ 4. 1, 2, 3, 4, 5

Question ID : 264330127471

Status : Answered

Chosen Option : 3

Q.6 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

ABC, WHP, SNC, OTP, ?

Ans ☒ 1. KQR

☒ 2. KAC

☒ 3. KZC

☒ 4. KYB

Question ID : 264330127101

Status : Answered

Chosen Option : 3

Q.7 Select the option that is related to the fifth number in the same way as the first number is related to the second number and third number is related to fourth number.

434 : 567 :: 617 : 750 :: 839 : ?

Ans ☒ 1. 972

☒ 2. 1334

☒ 3. 984

☒ 4. 1012

Question ID : 264330126766

Status : Answered

Chosen Option : 1

Q.8 After interchanging the given two numbers (not digits), what will be the value of the given equation?

14 and 21

$21 \div 14 \times 3 + 48 - 37$

Ans ☒ 1. 13

☒ 2. 21

☒ 3. 19

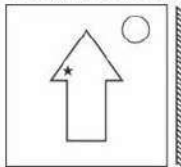
☒ 4. 32

Question ID : 264330126340

Status : Answered

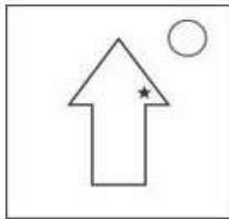
Chosen Option : 1

Q.9 Select the correct mirror image of the given figure when the mirror is placed to its right side.

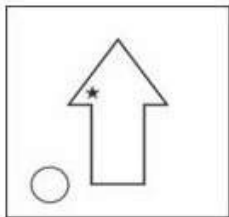


Ans

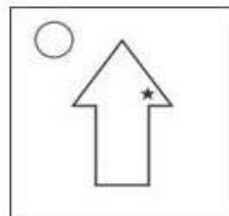
☒ 1.



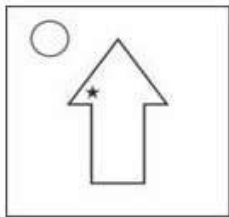
☒ 2.



☒ 3.



☒ 4.



Question ID : 264330127637

Status : Answered

Chosen Option : 3

Q.10 Words given on the left side of (::) are related with each other by some Logic/Rule /Relation. Select the missing word/word pair on the right side of (::) from the given alternatives based on the same Logic/Rule/Relation.

Cockpit : Aeroplane :: ?

Ans ☒ 1. Student : Class

☒ 2. House : Room

☒ 3. Pencil : Lead

☒ 4. Bicycle : Pedal

Question ID : 264330127078

Status : Answered

Chosen Option : 1

Q.11 If $617 @ 342 = 572$ and $483 @ 342 = 141$, then $280 @ 82 = ?$

- Ans ☒ 1. 632
☒ 2. 891
☒ 3. 188
☒ 4. 721

Question ID : 264330126864

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

Chosen Option : --

Q.12 Select the option that is related to the third word in the same way as the second word is related to the first word.

Thermometer : Temperature :: Seismograph : ?

- Ans ☒ 1. Mass
☒ 2. Earthquake
☒ 3. Current
☒ 4. Distance

Question ID : 264330127400

Status : **Answered**

Chosen Option : 2

Q.13 Out of the given words, three are similar in a certain manner. However, one word is NOT like the other three. Select the word which is different from the rest.

- Ans ☒ 1. Rupee
☒ 2. Dhaka
☒ 3. Dollar
☒ 4. Euro

Question ID : 264330127480

Status : **Answered**

Chosen Option : 2

Q.14 In the following question, select the missing number from the given series.
51, 55, 64, 80, 105, ?

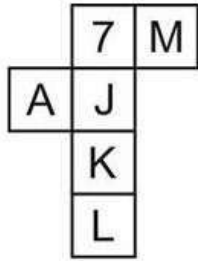
- Ans ☒ 1. 151
☒ 2. 141
☒ 3. 153
☒ 4. 131

Question ID : 264330126869

Status : **Marked For Review**

Chosen Option : 1

Q.15 By folding the given paper, which of the following box cannot be made?

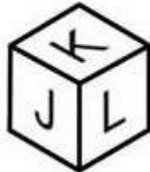


Ans

✗ 1.



✓ 2.



✗ 3.



✗ 4.

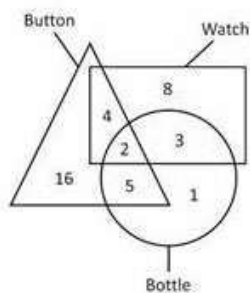


Question ID : 264330127057

Status : Answered

Chosen Option : 2

Q.16 How many are both buttons and bottle?



Ans

✗ 1. 3

✓ 2. 7

✗ 3. 5

✗ 4. 2

Question ID : 264330126788

Status : Answered

Chosen Option : 4

Q.17 In a certain code language, 'JAIL' is coded as '304', 'LAWN' is coded as '232'. What is the code for 'NAVY' in that code language?

- Ans ☒ 1. 312
☒ 2. 184
☒ 3. 288
☒ 4. 172

Question ID : 264330127098

Status : Answered

Chosen Option : 2

Q.18 In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

- I. Some R are C.
II. All R are K.

Conclusion:

- I. All K are R.
II. All C are R.
III. All C are K.

- Ans ☒ 1. Both conclusions II and III follows
☒ 2. Both conclusions I and III follows
☒ 3. Neither conclusion follows
☒ 4. All conclusion follows

Question ID : 264330127106

Status : Answered

Chosen Option : 3

Q.19 Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set. (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 / subtracting / 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)
(13, 7, 546)
(14, 15, 1260)

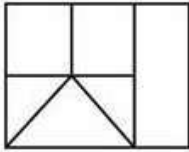
- Ans ☒ 1. (28, 21, 3528)
☒ 2. (27, 14, 2288)
☒ 3. (16, 9, 874)
☒ 4. (13, 15, 1190)

Question ID : 264330127093

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.20 How many quadrilaterals are there in the given figure?



- Ans
- ☒ 1. 11
 - ☐ 2. 12
 - ☐ 3. 10
 - ☐ 4. 9

Question ID : 264330126784
Status : Answered
Chosen Option : 4

Q.21 In the following question, select the related letters from the given alternatives.
QTY : YTQ :: ENR : ?

- Ans
- ☐ 1. ERN
 - ☐ 2. NOP
 - ☒ 3. RNE
 - ☐ 4. JMN

Question ID : 264330126874
Status : Answered
Chosen Option : 3

Q.22 Select the figure from the given options that can replace the question mark (?) in the following series.

R	P	K	S	N	G	P	H	?
K	N	N	P	P	S	S	G	

- Ans
- ☐ 1.

G	T
S	H
 - ☐ 2.

S	T
H	G
 - ☐ 3.

H	T
G	S
 - ☒ 4.

S	T
G	H

Question ID : 264330127108
Status : Answered
Chosen Option : 4

Q.23 Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set.(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 /subtracting /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)
(10, 22, 42)
(15, 14, 44)

- Ans ☒ 1. (9, 22, 38)
☒ 2. (12, 12, 24)
☒ 3. (13, 12, 38)
☒ 4. (6, 3, 17)

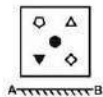
Question ID : 264330127392
Status : Not Answered
Chosen Option : --

Q.24 In the following question, four number pairs are given. In each pair the number on left side of (–) is related to the number of the right side of (–) with some Logic/Rule /Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (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 /subtracting /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. 14 – 2844
☒ 2. 12 – 1728
☒ 3. 20 – 8000
☒ 4. 10 – 1000

Question ID : 264330127070
Status : Answered
Chosen Option : 1

Q.25 If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?



Ans

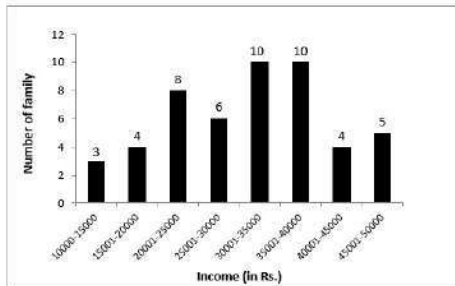
- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 264330127212
Status : Answered
Chosen Option : 1

Section : **Quantitative Aptitude**

Q.1 The following histogram shows the monthly income range of families staying in an apartment.

What is the difference between the total number of families whose income is more than or equal to 10000 but less than or equal to 25000 and the total number of families whose income is more than 35000 but less than or equal to 50000?



Ans

- ✓ 1. 4
- ✗ 2. 3
- ✗ 3. 0
- ✗ 4. 11

Question ID : 264330128488

Status : **Answered**

Chosen Option : 1

Q.2 A man travelled a certain distance by train at the speed of 50 km/hr and walked back the same distance at the speed of 10 km/hr. If the whole journey took 12 hours, then what was the distance travelled by train?

Ans

- ✓ 1. 100 km
- ✗ 2. 180 km
- ✗ 3. 150 km
- ✗ 4. 120 km

Question ID : 264330128090

Status : **Not Answered**

Chosen Option : --

Q.3 A shopkeeper sells a table at a discount of 20 percent and earns a profit of 30 percent. If he sells the same table at 10 percent discount, then what will be his new profit or loss percent?

Ans

- ✗ 1. 32.5 percent profit
- ✗ 2. 40.5 percent loss
- ✓ 3. 46.25 percent profit
- ✗ 4. 50.5 percent loss

Question ID : 264330127768

Status : **Not Answered**

Chosen Option : --

Q.4 If $\left(k + \frac{1}{k}\right)^2 = 9$, then what is the value of $k^3 + \frac{1}{k^3}$?

- Ans
- ☐ 1. 27
 - ☒ 2. 18
 - ☐ 3. 15
 - ☐ 4. 21

Question ID : 264330127878
Status : Answered
Chosen Option : 2

Q.5 A chord of length 40 cm is at a distance of 15 cm from the centre. What is the length of the chord of the same circle which is at a distance of 20 cm from the centre of circle?

- Ans
- ☐ 1. 15 cm
 - ☐ 2. 25 cm
 - ☐ 3. 45 cm
 - ☒ 4. 30 cm

Question ID : 264330128099
Status : Not Answered
Chosen Option : --

Q.6 What is the value of $3126 \div 4$ of $521 + 5 \times 3$?

- Ans
- ☐ 1. 15.5
 - ☐ 2. 14.5
 - ☐ 3. 13.5
 - ☒ 4. 16.5

Question ID : 264330126473
Status : Answered
Chosen Option : 4

Q.7 A trader buys two articles for Rs. 3000 each article. While selling, he earns a profit of 10 percent on one and loses 20 percent on the other. What will be his overall loss percentage?

- Ans
- ☐ 1. 10 percent
 - ☐ 2. 20 percent
 - ☐ 3. 15 percent
 - ☒ 4. 5 percent

Question ID : 264330127770
Status : Answered
Chosen Option : 4

Q.8 In $\triangle PQR$, angle bisector of $\angle P$ intersects QR at M . If $PQ = PR$, then what is the value of $\angle PMQ$?

- Ans**
- ☒ 1. 75 degree
 - ☒ 2. 80 degree
 - ☒ 3. 70 degree
 - ☒ 4. 90 degree

Question ID : 264330127775

Status : Answered

Chosen Option : 4

Q.9 The table given below shows the number of sharpener sold by two shopkeepers A and B in 5 months.

Months	Shopkeepers	
	A	B
R	200	155
S	190	160
T	170	210
U	165	180
V	155	175

P_1 = The total number of sharpener sold by A.

P_2 = The total number of sharpener sold by B.

What is the value of (P_1/P_2) ?

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

Question ID : 264330128086

Status : Answered

Chosen Option : 1

Q.10 The radius of a sphere is 3.5 cm. What is the total surface area of the sphere?

- Ans**
- ☒ 1. 154 cm^2
 - ☒ 2. 77 cm^2
 - ☒ 3. 231 cm^2
 - ☒ 4. 188 cm^2

Question ID : 264330128091

Status : Answered

Chosen Option : 1

Q.11 Student A got 25 marks more than the student B and the marks of A were equal to the 60 percent of the sum of their marks. What are the marks obtained by A and B respectively?

- Ans**
- ☒ 1. 75, 100
 - ☒ 2. 75, 50
 - ☒ 3. 45, 120
 - ☒ 4. 55, 80

Question ID : 264330128094

Status : Not Answered

Chosen Option : --

Q.12 If $x^2 + \frac{1}{x^2} = 4$, then what is the value of $x^4 + \frac{1}{x^4}$

- Ans
- ☒ 1. 16
 - ☒ 2. 14
 - ☒ 3. 12
 - ☒ 4. 20

Question ID : 264330128102
Status : Answered
Chosen Option : 2

Q.13 In an equilateral triangle STU, inradius is $5\sqrt{3}$ cm . What is the length of side of this equilateral triangle?

- Ans
- ☒ 1. $20\sqrt{3}$ cm
 - ☒ 2. $18\sqrt{3}$ cm
 - ☒ 3. 30 cm
 - ☒ 4. 24 cm

Question ID : 264330128101
Status : Not Answered
Chosen Option : --

Q.14 The table given below shows the sales of two companies in 5 years.

Years	Companies	
	P	Q
A	100	500
B	200	350
C	300	400
D	250	100
E	150	50

Which of the following statement is correct?

- I. The ratio of combined sales of P in years A and B to that of combined sales of Q in years D and E is 1 : 2.
- II. The sales of P in year C is 300% of the sales of Q in year D.

- Ans
- ☒ 1. Only I
 - ☒ 2. Both I and II
 - ☒ 3. Only II
 - ☒ 4. Neither I nor II

Question ID : 264330127787
Status : Answered
Chosen Option : 3

Q.15 If $\sqrt{2}\sec^2 \theta - 4 \sec \theta + 2\sqrt{2} = 0$, then what is the value $\sin^2 \theta + \tan^2 \theta$?

- Ans
- ☒ 1. $\frac{1}{2}$
 - ☒ 2. $\frac{2}{3}$
 - ☒ 3. $\frac{5}{2}$
 - ☒ 4. $\frac{3}{2}$

Question ID : 264330128108
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.16

M is the incentre of the $\triangle XYZ$. If $\angle YXZ + \angle YMZ = 150^\circ$, then what is the value of $\angle YXZ$?

Ans

- ☒ 1. 40 degree
- ☐ 2. 55 degree
- ☐ 3. 60 degree
- ☐ 4. 45 degree

Question ID : 264330128275

Status : Answered

Chosen Option : 1

Q.17

10 Consecutive numbers are given. If the average of the two numbers given in the middle is 13.5, then what is the sum of the first 6 numbers?

Ans

- ☐ 1. 58
- ☐ 2. 55
- ☐ 3. 67
- ☒ 4. 69

Question ID : 264330128092

Status : Not Answered

Chosen Option : --

Q.18

If $a + b + c = 6$ and $a^2 + b^2 + c^2 = 40$, then what is the value of $a^3 + b^3 + c^3 - 3abc$?

Ans

- ☐ 1. 212
- ☒ 2. 252
- ☐ 3. 232
- ☐ 4. 206

Question ID : 264330127779

Status : Answered

Chosen Option : 2

Q.19

At what rate of compound interest (Compounding annually) per annum will a sum of Rs.1,000 become Rs.1,060.90 in 2 years?

Ans

- ☐ 1. 2% per annum
- ☐ 2. 4% per annum
- ☒ 3. 3% per annum
- ☐ 4. 5% per annum

Question ID : 264330128472

Status : Not Answered

Chosen Option : --

Q.20 If $\operatorname{cosec} B = 3/2$, then what is the value of $\cot B \sin B$?

Ans

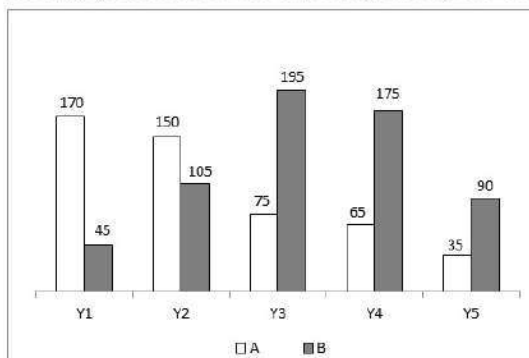
- ✓ 1. $\frac{\sqrt{5}}{3}$
✗ 2. $\frac{4}{3\sqrt{3}}$
✗ 3. $\frac{3\sqrt{2}}{2}$
✗ 4. $\frac{2\sqrt{5}}{3}$

Question ID : 264330127784

Status : Answered

Chosen Option : 1

Q.21 The bar graph given below shows the foreign trade by two countries A and B in 5 different years.



J1 = The total foreign trade by country A in all the 5 years.

J2 = The total foreign trade by country B in all the 5 years.

What is the value of $(J2 - J1)$?

Ans

- ✗ 1. 125
✓ 2. 115
✗ 3. 95
✗ 4. 75

Question ID : 264330128236

Status : Answered

Chosen Option : 2

Q.22 What is the value of $\frac{3 \cos 62^\circ}{\sin 28^\circ} - \frac{2 \tan 34^\circ}{\cot 56^\circ}$?

Ans

- ✗ 1. 3
✓ 2. 1
✗ 3. 5
✗ 4. 4

Question ID : 264330128132

Status : Answered

Chosen Option : 2

Q.23 If the sum of three consecutive composite numbers is 36, then what is the product of the three numbers?

- Ans
- ☐ 1. 1460
 - ☐ 2. 1750
 - ☒ 3. 1680
 - ☐ 4. 1820

Question ID : 264330128106
Status : Not Answered
Chosen Option : --

Q.24 A, B and C together can finish a piece of work in 20 days. A alone can finish the work in 40 days. What part of the work B and C together can finish in a day ?

- Ans
- ☐ 1. $\frac{1}{5}$
 - ☐ 2. $\frac{1}{20}$
 - ☐ 3. $\frac{1}{10}$
 - ☒ 4. $\frac{1}{40}$

Question ID : 264330128464
Status : Not Answered
Chosen Option : --

Q.25 The incomes of A and B are in the ratio 4 : 5 and their expenditure are in the ratio 5 : 4. If A saves Rs.6000 and B saves Rs.12000, then what will be the income of A?

- Ans
- ☐ 1. Rs. 18000
 - ☐ 2. Rs. 20000
 - ☐ 3. Rs. 12000
 - ☒ 4. Rs. 16000

Question ID : 264330128096
Status : Not Answered
Chosen Option : --

Section : General awareness

Q.1 Central Bureau of Intelligence and Investigation comes under which list of the seventh schedule of the Indian constitution?

- Ans
- ☒ 1. Union list
 - ☐ 2. Concurrent list
 - ☐ 3. State list
 - ☐ 4. Transferred list

Question ID : 264330125204
Status : Answered
Chosen Option : 1

Q.2 The production function can be expressed as _____. (where L is labour and C is capital and Q is the maximum output that can be produced)

- Ans
- ☐ 1. $Q = f(C)$
 - ☐ 2. $L = f(Q, C)$
 - ☐ 3. $Q = f(L)$
 - ☒ 4. $Q = f(L, C)$

Question ID : 264330125190
Status : Answered
Chosen Option : 2

Q.3 Who among the following chess grandmasters won the ninth edition of the Sinquefeld Cup in September 2022?

- Ans ☒ 1. Magnus Carlsen
☒ 2. Alireza Firouzja
☒ 3. Ian Nepomniachtchi
☒ 4. Wesley So

Question ID : **264330125582**
Status : **Not Answered**
Chosen Option : --

Q.4 An image formed by the convex mirror is always ____.

- Ans ☒ 1. virtual and inverted
☒ 2. real and erect
☒ 3. virtual and erect
☒ 4. real and inverted

Question ID : **264330125192**
Status : **Marked For Review**
Chosen Option : 2

Q.5 As per area, India is the ____ largest country in the world.

- Ans ☒ 1. 2nd
☒ 2. 7th
☒ 3. 10th
☒ 4. 4th

Question ID : **264330125671**
Status : **Marked For Review**
Chosen Option : 2

Q.6 Which of the following states has Maharshi Valmiki Scheduled Tribes Development Corporation Limited?

- Ans ☒ 1. Punjab
☒ 2. Karnataka
☒ 3. Delhi
☒ 4. Haryana

Question ID : **264330125676**
Status : **Not Answered**
Chosen Option : --

Q.7 Which of the following shortcut key is used to copy the selected data in MS-Word 365?

- Ans ☒ 1. Ctrl + X
☒ 2. Alt + C
☒ 3. Ctrl + C
☒ 4. Alt + X

Question ID : **264330125184**
Status : **Answered**
Chosen Option : 3

Q.8 In which of the following modes of data transmission, can the data flow in both directions simultaneously?

- Ans ☐ 1. Simplex
☐ 2. Quarter-duplex
☐ 3. Half-duplex
☒ 4. Full-duplex

Question ID : 264330124858

Status : Not Answered

Chosen Option : --

Q.9 In _____, the British government enacted a legislation banning the use of printed cotton textiles – chintz – in England. Interestingly, this Act was known as the Calico Act.

- Ans ☒ 1. 1720
☐ 2. 1700
☐ 3. 1740
☐ 4. 1730

Question ID : 264330124875

Status : Not Answered

Chosen Option : --

Q.10 Which of the following is NOT a classical dance of India?

- Ans ☒ 1. Bhangra
☐ 2. Bharatnatyam
☐ 3. Manipuri
☐ 4. Kathak

Question ID : 264330124985

Status : Answered

Chosen Option : 1

Q.11 Which country won the 2022 FIH Junior Women's Hockey World Cup?

- Ans ☐ 1. Belgium
☐ 2. Germany
☒ 3. Netherlands
☐ 4. Spain

Question ID : 264330125181

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.12 Who is a well known tabla maestro of the Punjab Gharana?

- Ans ☐ 1. Moti Lal Kemmu
☐ 2. Pt. Ravi Shankar
☒ 3. Alla Rakha
☐ 4. Bismillah khan

Question ID : 264330125311

Status : Answered

Chosen Option : 2

Q.13 The potential difference, V, across the ends of a given metallic wire in an electric circuit is directly proportional to the current flowing through it, provided its temperature remains the same. This is called ____ law.

- Ans ☒ 1. Pascal's
☒ 2. Charles's
☒ 3. Ohm's
☒ 4. Boyle's

Question ID : 264330125568
Status : Answered
Chosen Option : 3

Q.14 "Narendra Modi: A Political Biography" is written by ____.

- Ans ☒ 1. Poonam Surie
☒ 2. Andy Marino
☒ 3. Daman Singh
☒ 4. Raghav Bahal

Question ID : 264330125577
Status : Not Answered
Chosen Option : --

Q.15 ____ won the International Cricket Council (ICC) Men's Player for the month of September 2022.

- Ans ☒ 1. Axar Patel
☒ 2. Mohammad Rizwan
☒ 3. Cameron Green
☒ 4. Sikandar Raza

Question ID : 264330125505
Status : Marked For Review
Chosen Option : 1

Q.16 In which year was a law passed in India to make conversion to Christianity easier?

- Ans ☒ 1. 1845
☒ 2. 1850
☒ 3. 1830
☒ 4. 1840

Question ID : 264330125199
Status : Not Answered
Chosen Option : --

Q.17 Kadana Dam of Gujarat is built over which of the following rivers?

- Ans ☒ 1. Mahi
☒ 2. Manjira
☒ 3. Tapti
☒ 4. Sabarmati

Question ID : 264330125573
Status : Not Answered
Chosen Option : --

Q.18 Who won the Best Actor in a Leading Role award in the 94th Academy Awards 2022?

- Ans ☒ 1. Leonardo DiCaprio
- ☒ 2. Will Smith
- ☒ 3. Hugh Jackman
- ☒ 4. Troy Kotsur

Question ID : 264330124826
Status : Not Answered
Chosen Option : --

Q.19 State public services; State Public Service Commission comes under which list of seventh schedule of the Indian constitution?

- Ans ☒ 1. State list
- ☒ 2. Transferred list
- ☒ 3. Concurrent list
- ☒ 4. Union list

Question ID : 264330124878
Status : Answered
Chosen Option : 1

Q.20 The World Bank extended an unconditional loan of \$ _____ million for the SALT project in Andhra Pradesh in October 2022.

- Ans ☒ 1. 250
- ☒ 2. 200
- ☒ 3. 350
- ☒ 4. 300

Question ID : 264330125563
Status : Not Answered
Chosen Option : --

Q.21 Which of the following statements is correct?

- Ans ☒ 1. Metals react with acids and produce metal salts and hydrogen gas.
- ☒ 2. Non-metals react with oxygen to produce non-metallic oxides which are basic in nature.
- ☒ 3. On burning, metals react with oxygen to produce metal oxides which are acidic in nature.
- ☒ 4. Less reactive metals displace more reactive metals from their compounds in aqueous solutions.

Question ID : 264330125194
Status : Answered
Chosen Option : 3

Q.22 The Fifth Assembly of International Solar Alliance took place in _____ in October 2022.

- Ans ☒ 1. New Delhi
- ☒ 2. Kolkata
- ☒ 3. Gurugram
- ☒ 4. Pune

Question ID : 264330125564
Status : Answered
Chosen Option : 1

Q.23 What type of the rock is Granite?

- Ans ☒ 1. Extrusive igneous rocks
☒ 2. Sedimentary rocks
☒ 3. Metamorphic rocks
☒ 4. Intrusive igneous rocks

Question ID : 264330124872
Status : Answered
Chosen Option : 4

Q.24 The Reserve Bank of India raised the minimum capital requirement for setting up an asset reconstruction company (ARC) to Rs _____ crore in October 2022.

- Ans ☒ 1. 350
☒ 2. 300
☒ 3. 200
☒ 4. 250

Question ID : 264330125566
Status : Not Answered
Chosen Option : --

Q.25 When are the kharif crops harvested?

- Ans ☒ 1. July – August
☒ 2. September – October
☒ 3. March – April
☒ 4. January – February

Question ID : 264330124821
Status : Answered
Chosen Option : 2