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 Siliguri
Exam Date	21/03/2023
Exam Time	5:15 PM - 6:15 PM
Subject	CHSL Exam 2022 Tier I

Section : **English Language**

Q.1 **Choose the word that can substitute the given group of words..**
A speech made without preparation

Ans ✗ 1. Parable

✗ 2. Eulogy

✓ 3. Extempore

✗ 4. Chronicle

Question ID : **264330124596**
Status : **Answered**
Chosen Option : **3**

Q.2 **Fill in the blank with an appropriate option.**
Your ear has three main _____: outer, middle and inner.

Ans ✓ 1. parts

✗ 2. subjects

✗ 3. plugs

✗ 4. events

Question ID : **264330124443**
Status : **Answered**
Chosen Option : **1**

Q.3 **Select the correct indirect form of the given sentence.**
Lee said to his wife, "I am very happy today."

Ans ✗ 1. Lee told his wife that he was very happy today.

✗ 2. Lee told his wife that he has been very happy that day.

✗ 3. Lee told his wife he was very happy today.

✓ 4. Lee told his wife that he was very happy that day.

Question ID : **264330124342**
Status : **Answered**
Chosen Option : **4**

Q.4 **Rearrange the parts of the sentence in correct order.**
P. bendable electronics and sensing technologies research
Q. people using "aerohaptics", creating feelings of touch with jets of air
R. my colleagues and I working in the University of Glasgow's
S. group have now developed a system of holograms of

Ans ✗ 1. QPSR

✓ 2. RPSQ

✗ 3. PQRS

✗ 4. SRQP

Question ID : **264330124352**
Status : **Answered**
Chosen Option : **2**

Q.5 Choose the incorrectly spelt word.

Ans ✗ 1. Morning

✗ 2. Washing

✗ 3. Calling

✓ 4. Burnig

Q.6 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Its impossible to conduct truly causal research on media consumption and suicide.

Ans ✓ 1. Its impossible to conduct

✗ 2. media consumption and suicide.

✗ 3. No error

✗ 4. truly causal research on

Q.7 Choose the word that can substitute the given group of words.
Exaggerated claims, not meant to be taken seriously

Ans ✗ 1. Hyperpyrexia

✓ 2. Hyperbole

✗ 3. Hypergamy

✗ 4. Hyperreal

Q.8 Select the correct passive form of the given sentence.
The child locked the shutters.

Ans ✓ 1. The shutters were locked by the child.

✗ 2. The shutters are locked by the child.

✗ 3. The shutters would be locked by the child.

✗ 4. The shutters had been locked by the child.

Q.9 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
What is the price of this fancy dress pink?

Ans ✓ 1. fancy dress pink?

✗ 2. No error

✗ 3. price of this

✗ 4. What is the

Q.10 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
As hard as nails

Ans ✗ 1. To be stubborn

✗ 2. To feel no pain

✓ 3. Physically or mentally tough

✗ 4. Hard working

Question ID : **264330124357**
Status : **Answered**
Chosen Option : **2**

Q.11 Choose the sentence with no spelling error.

Ans ✗ 1. These componants can work independently.

✗ 2. These components can work indepedently.

✓ 3. These components can work independently.

✗ 4. These components can wrok independently.

Question ID : **264330124360**
Status : **Answered**
Chosen Option : **3**

Q.12 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The number of women working outside homes **has been steady** increasing.

Ans ✓ 1. has been steadily

✗ 2. had been steadier

✗ 3. No improvement

✗ 4. have been steady

Question ID : **264330124614**
Status : **Answered**
Chosen Option : **1**

Q.13 Fill in the blank with the most suitable word.
The _____ heard that the relationship was stormy and had broken up several times.

Ans ✓ 1. inquiry

✗ 2. impute

✗ 3. inordinate

✗ 4. impugn

Question ID : **264330125913**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Select the word that is opposite in meaning (ANTONYM) to the word given below.
Fret

Ans ✗ 1. Anxious

✗ 2. Anguish

✓ 3. Relax

✗ 4. Pine

Question ID : **264330124719**
Status : **Not Answered**
Chosen Option : **--**

Q.15 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
The whys and wherefores

Ans ✖ 1. References

✖ 2. Circumstances

✖ 3. Requirements

✔ 4. Reasons

Q.16 Choose the word that means the same as the given word.
Enigmatic

Ans ✖ 1. Literate

✖ 2. Grumpy

✖ 3. Illiterate

✔ 4. Mysterious

Q.17 Select the word that is closest in meaning (SYNONYM) to the word given below.
Decimate

Ans ✖ 1. mend

✔ 2. wreck

✖ 3. harbour

✖ 4. establish

Q.18 Fill in the blank with the most suitable word.
The humour of the gods is cruel; or _____ they see more than we do.

Ans ✖ 1. unlikely

✖ 2. odds

✔ 3. perhaps

✖ 4. however

Q.19 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
I didn't have times to watch the whole movie.

Ans ✔ 1. time to watch

✖ 2. timer to watched

✖ 3. time to watching

✖ 4. No improvement

Q.20 **Choose the word that means the same as the given word.**
Oblate

Ans ✓ 1. Mendicant

✗ 2. Heathen

✗ 3. Layperson

✗ 4. Secular

Question ID : **264330124182**
Status : **Not Answered**
Chosen Option : **--**

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.
According to the Integrated Taxonomic Information System (ITIS) there are more than 60 (1)_____ of rat, which means they come in all sizes. They are (2)_____ 5 inches (12 centimeters), or longer, according to Encyclopedia Britannica. The largest species is the Bosavi woolly rat, which was (3)_____ in 2009 in the rainforest of Papua New Guinea (and doesn't have a scientific name yet). It is (4)_____ the size of a cat — 32.2 inches (82 cm) from nose to tail and (5)_____ around 3.3 lbs. (1.5 kilograms), according to CNN.

SubQuestion No : 21

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

Ans ✗ 1. entities

✗ 2. sections

✓ 3. species

✗ 4. objects

Question ID : **264330124346**
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.
According to the Integrated Taxonomic Information System (ITIS) there are more than 60 (1)_____ of rat, which means they come in all sizes. They are (2)_____ 5 inches (12 centimeters), or longer, according to Encyclopedia Britannica. The largest species is the Bosavi woolly rat, which was (3)_____ in 2009 in the rainforest of Papua New Guinea (and doesn't have a scientific name yet). It is (4)_____ the size of a cat — 32.2 inches (82 cm) from nose to tail and (5)_____ around 3.3 lbs. (1.5 kilograms), according to CNN.

SubQuestion No : 22

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

Ans ✗ 1. modestly

✗ 2. manually

✓ 3. typically

✗ 4. surgically

Question ID : **264330124347**
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.

According to the Integrated Taxonomic Information System (ITIS) there are more than 60 (1)_____ of rat, which means they come in all sizes. They are (2)_____ 5 inches (12 centimeters), or longer, according to Encyclopedia Britannica. The largest species is the Bosavi woolly rat, which was (3)_____ in 2009 in the rainforest of Papua New Guinea (and doesn't have a scientific name yet). It is (4)_____ the size of a cat — 32.2 inches (82 cm) from nose to tail and (5)_____ around 3.3 lbs. (1.5 kilograms), according to CNN.

SubQuestion No : 23

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

Ans ✔ 1. discovered

✘ 2. invented

✘ 3. denuded

✘ 4. screened

Question ID : **264330124348**
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.

According to the Integrated Taxonomic Information System (ITIS) there are more than 60 (1)_____ of rat, which means they come in all sizes. They are (2)_____ 5 inches (12 centimeters), or longer, according to Encyclopedia Britannica. The largest species is the Bosavi woolly rat, which was (3)_____ in 2009 in the rainforest of Papua New Guinea (and doesn't have a scientific name yet). It is (4)_____ the size of a cat — 32.2 inches (82 cm) from nose to tail and (5)_____ around 3.3 lbs. (1.5 kilograms), according to CNN.

SubQuestion No : 24

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

Ans ✘ 1. a lot

✘ 2. of

✔ 3. about

✘ 4. some

Question ID : **264330124349**
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.

According to the Integrated Taxonomic Information System (ITIS) there are more than 60 (1)_____ of rat, which means they come in all sizes. They are (2)_____ 5 inches (12 centimeters), or longer, according to Encyclopedia Britannica. The largest species is the Bosavi woolly rat, which was (3)_____ in 2009 in the rainforest of Papua New Guinea (and doesn't have a scientific name yet). It is (4)_____ the size of a cat — 32.2 inches (82 cm) from nose to tail and (5)_____ around 3.3 lbs. (1.5 kilograms), according to CNN.

SubQuestion No : 25

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

Ans ✘ 1. evaluates

✔ 2. weighs

✘ 3. counts

✘ 4. measures

Question ID : **264330124350**
Status : **Answered**
Chosen Option : **2**

Section : **General Intelligence**

Q.1 In the following question, select the odd letter/letters from the given alternatives.

Ans ✓ 1. GJJL

✗ 2. EHHK

✗ 3. ADDG

✗ 4. VYYB

Q.2 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)
(14, 17, 970)
(15, 23, 1508)

Ans ✓ 1. (17, 24, 1730)

✗ 2. (16, 22, 1580)

✗ 3. (18, 32, 2686)

✗ 4. (19, 31, 2642)

Q.3 Select the option figure in which the given figure is embedded. (rotation is NOT allowed)

Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.

Q.4 In a certain code language, 'BOLT' is coded as '2965', 'DOLE' is coded as '5723', 'TADY' is coded as '0368', 'MASB' is coded as '4819'. What is the code for 'BTO' in that code language ?

Ans ✔ 1. 962

✘ 2. 865

✘ 3. 482

✘ 4. 958

Q.5 Select the option figure in which the given figure is embedded. (rotation is NOT allowed)

Ans

✘ 1.

✘ 2.

✘ 3.

✔ 4.
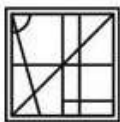
Q.6 If 'P' means '×', 'Q' means '+', 'R' means '÷' and 'S' means '−', then 56 R 8 Q13 S 42 R 21 P 5 =?

Ans ✘ 1. 12

✘ 2. 8

✘ 3. 24

✔ 4. 10

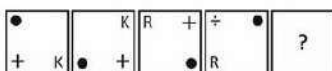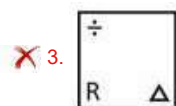**Q.7** Select the figure from the given options that can replace the question mark (?) in the following series.

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.

Question ID : **264330127033**
Status : **Answered**
Chosen Option : **4**

Q.8 In the following question, select the odd word pair from the given alternatives.

Ans ✗ 1. Write – Pen

✗ 2. Magnify – Microscope

✗ 3. Dig – Spade

✔ 4. Gun – Shoot

Question ID : **264330127130**
Status : **Answered**
Chosen Option : **4**

Q.9 In the following question, select the related letters from the given alternatives.
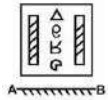**EI : DF :: HM :?**

Ans ✗ 1. ZJ

✔ 2. GJ

✗ 3. ST

✗ 4. LT

Question ID : **264330126799**
Status : **Answered**
Chosen Option : **2**

Q.10 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.

Q.11 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. 24 – 575

❌ 2. 14 – 197

❌ 3. 12 – 145

❌ 4. 18 – 325

Q.12 Arrange the given words in the sequence in which they occur in the dictionary.
1. Manger
2. Mango
3. Mangrove
4. Manage
5. Manager

Ans ✗ 1. 4, 5, 3, 2, 1

✓ 2. 4, 5, 1, 2, 3

✗ 3. 4, 5, 3, 1, 2

✗ 4. 4, 5, 1, 3, 2

Question ID : **264330127121**
Status : **Answered**
Chosen Option : **2**

Q.13 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. All Fruits are Vegetables.
II. All Vegetables are Almond.
Conclusions:
I. Some Vegetables are Fruits.
II. All Almond are Vegetables.
III. Some Fruits are Almond.

Ans ✗ 1. Both conclusions II and III follows

✗ 2. All conclusion follows

✗ 3. Both conclusions I and II follows

✓ 4. Both conclusions I and III follows

Question ID : **264330127031**
Status : **Answered**
Chosen Option : **4**

Q.14 In the following question, select the missing number from the given series.
10, 10, 20, 60, 240,?

Ans ✗ 1. 1150

✗ 2. 1400

✓ 3. 1200

✗ 4. 1440

Question ID : **264330126794**
Status : **Answered**
Chosen Option : **3**

Q.15 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.
Plumbline : Mason :: ?

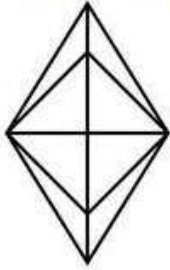**Ans** ✗ 1. Stethoscope : Sculptor

✓ 2. Saw : Carpenter

✗ 3. Author : Pen

✗ 4. Warrior : Sword

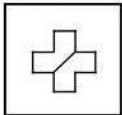Question ID : **264330126903**
Status : **Answered**
Chosen Option : **2**

Q.16 Find the total number of triangles in the figure.

Ans ✗ 1. 18

✔ 2. 24

✗ 3. 16

✗ 4. 26

Question ID : **264330127384**

Status : **Answered**

Chosen Option : **1**

Q.17 Select the option figure in which the given figure is embedded. (rotation is NOT allowed)

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.

Question ID : **264330127560**

Status : **Answered**

Chosen Option : **4**

Q.18 In a certain code language, 'BOUCLE' is coded as 'AJYSKZ'. What is the code for 'BOUDIN' in that code language ?
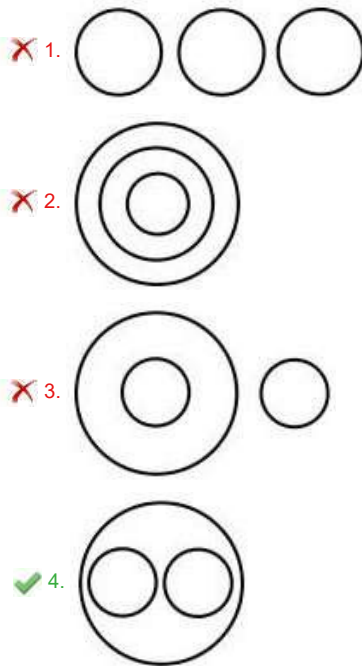
Ans ✗ 1. JGGSKZ

✗ 2. JGZKSZ

✔ 3. JGZSKZ

✗ 4. JGJSKB

Question ID : **264330127022**

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

Chosen Option : **--**

Q.19 Select the Venn diagram that best represents the relationship between the following classes.

Mango, Fruit, Banana

Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Q.20 In the following question, four number pairs are given. In each pair the number on the left side of (–) is related to the number on 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. 13 – 163

✗ 2. 9 – 77

✗ 3. 18 – 320

✗ 4. 24 – 572

Q.21 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
PHDT, PDVH, ?, PVFJ, PRXX

Ans ✗ 1. PXNV

✓ 2. PZNV

✗ 3. PZMV

✗ 4. PZNY

Q.22 Select the option that is related to the fourth number in the same way as the first number is related to the second number and fifth number is related to sixth number.

15: 210 :: ? : 90 :: 20 : 380

Ans ✓ 1. 10

✗ 2. 8

✗ 3. 18

✗ 4. 12

Question ID : **264330127366**
Status : **Answered**
Chosen Option : **1**

Q.23 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.

Horse : Mare :: ?

Ans ✗ 1. Nephew : Uncle

✗ 2. Son : Father

✓ 3. Brother : Sister

✗ 4. Cow : Bull

Question ID : **264330127353**
Status : **Answered**
Chosen Option : **4**

Q.24 By interchanging which two signs and two numbers (not digits) the equation will be correct?

7 − 5 × 2 + 8 ÷ 4 = 17

Ans ✗ 1. – and ÷, 8 and 5

✗ 2. × and ÷, 5 and 4

✗ 3. + and –, 4 and 5

✓ 4. + and –, 7 and 5

Question ID : **264330127140**
Status : **Answered**
Chosen Option : **4**

Q.25 Pointing towards a photo of a lady, Pawan said, "She is the sister of my mother's daughter". How that lady is related to Pawan ?

Ans ✗ 1. Mother

✗ 2. Maternal Aunt

✓ 3. Sister

✗ 4. Daughter in law

Question ID : **264330127027**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 If A = cot30°tan60° + cot60°tan30°, then what is the value of A?

Ans
  ✗ 1. $1/\sqrt{3}$
  ✓ 2. $10/3$
  ✗ 3. $10/\sqrt{3}$
  ✗ 4. $1/3$

Question ID : **264330128432**
Status : **Answered**
Chosen Option : **2**

Q.2 A person borrows Rs. 20000 at the rate of 6 percent per annum on simple interest for 3 years. He immediately lends it to another person at the rate of 8.5 percent per annum on simple interest for 3 years. What is the value of gain per year?
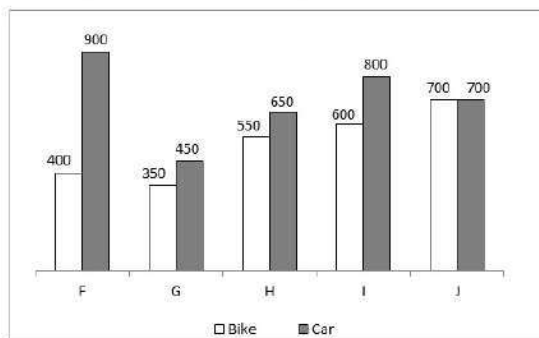
Ans
  ✗ 1. Rs. 1500
  ✓ 2. Rs. 500
  ✗ 3. Rs. 800
  ✗ 4. Rs. 200

Question ID : **264330128122**
Status : **Answered**
Chosen Option : **1**

Q.3 The bar graph given below shows the sales of bikes and cars of five companies.

P1 = The difference between the average sales of bikes and average sales of cars of all 5 companies.

P2 = The total value of the sales of bikes and cars of all 5 companies.

What is the value of (P2 − P1)?

Ans
  ✗ 1. 5320
  ✗ 2. 4926
  ✗ 3. 6100
  ✓ 4. 5920

Question ID : **264330128138**
Status : **Not Answered**
Chosen Option : **--**

Q.4 The cost price of 44 items is the same as the selling price of x items. If the profit is 10%, then what is the value of x?

Ans ✗ 1. 55

✓ 2. 40

✗ 3. 60

✗ 4. 50

Q.5 Tangent drawn from a point X, touches the circle at U. O is the centre of this circle. If XU = 15 cm and OU = 8 cm, then what is the value of OX?

Ans ✗ 1. 12 cm

✗ 2. 19 cm

✗ 3. 21 cm

✓ 4. 17 cm

Q.6 If $\left(x - \frac{1}{x} = 4\right)$, then what is the value of $\left(x^6 + \frac{1}{x^6}\right)$?

Ans ✗ 1. 4689

✗ 2. 4786

✗ 3. 5832

✓ 4. 5778

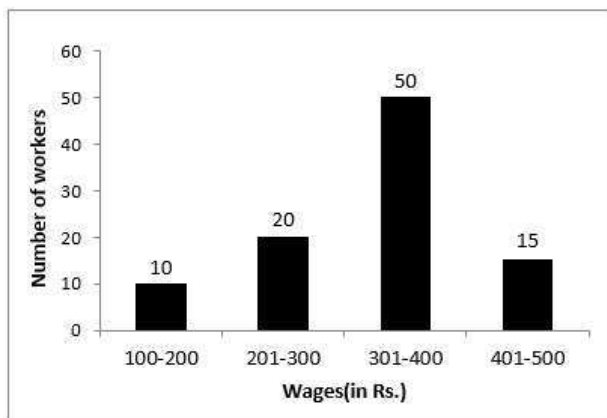**Q.7** A solid sphere of diameter 7 cm is cut into two equal halves. What will be the increase in its total surface area?

Ans ✓ 1. 77 cm^2

✗ 2. 60.5 cm^2

✗ 3. 65.5 cm^2

✗ 4. 55 cm^2

Q.8 The following histogram shows the weekly wages of workers at a factory.
How many workers get wages of more than Rs.200?

Ans   ✗ 1. 95

    ✓ 2. 85

    ✗ 3. 70

    ✗ 4. 80

Question ID : **264330128387**
Status : **Answered**
Chosen Option : **2**

Q.9 Angle subtended by a chord on the centre of a circle is 180 degree. What will be the angle subtended by the same chord on the circumference of this circle?

Ans   ✗ 1. 120 degree

    ✗ 2. 95 degree

    ✓ 3. 90 degree

    ✗ 4. 45 degree

Question ID : **264330127748**
Status : **Answered**
Chosen Option : **3**

Q.10 What is the value of $\left(k + \frac{1}{k}\right)\left(k - \frac{1}{k}\right)\left(k^2 + \frac{1}{k^2}\right)\left(k^4 + \frac{1}{k^4}\right)$?

Ans   ✗ 1. $k^{16} + \dfrac{1}{k^{16}}$

    ✗ 2. $k^{16} - \dfrac{1}{k^{16}}$

    ✓ 3. $k^8 - \dfrac{1}{k^8}$

    ✗ 4. $k^8 + \dfrac{1}{k^8}$

Question ID : **264330128027**
Status : **Answered**
Chosen Option : **3**

Q.11 A train starts from a place S at 10:00 a.m. and arrives at another place T at 2:30 p.m. on the same day. If the speed of the train is 40 m/s, then what will be the distance covered by the train?

Ans ✗ 1. 706 km

✔ 2. 648 km

✗ 3. 726 km

✗ 4. 616 km

Q.12 If price of rice is increased by 25 percent, then by what percentage consumption of rice should be decreased so that the expenditure incurred on rice gets decreased by 40 percent?

Ans ✔ 1. 52 percent

✗ 2. 43.33 percent

✗ 3. 42 percent

✗ 4. 48 percent

Q.13 Two vessels of equal capacity contain juice and water in the ratio of 3 : 5 and 3 : 1 respectively. The mixture of both the vessels are mixed and transferred into a bigger vessel. What is the ratio of juice and water in the new mixture?

Ans ✗ 1. 13 : 9

✔ 2. 9 : 7

✗ 3. 8 : 9

✗ 4. 7 : 3

Q.14 The bar graph given below shows the number of eraser sold by two shopkeepers P and Q in 5 months.
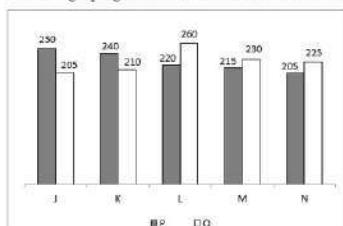
Which of the following statement is NOT correct?

I. The ratio of total number of eraser sold by P in J and K to the total number of eraser sold by Q in M and N is 93 : 98.

II. The difference between the total number of eraser sold by P and Q is 0.

Ans ✗ 1. Only II

✗ 2. Both I and II

✔ 3. Only I

✗ 4. Neither I nor II

Q.15 If $a + b = 6$ and $ab = 4$, then what is the value of $a^3 + b^3$?

Ans ✗ 1. 125

✗ 2. 120

✓ 3. 144

✗ 4. 81

Question ID : **264330127803**

Status : **Answered**

Chosen Option : **3**

Q.16 Sum of the angles made by a chord at the centre and on the major arc of a circle is 180 degree. What will be the angle made at the centre of the circle?

Ans ✗ 1. 60 degree

✗ 2. 90 degree

✗ 3. 75 degree

✓ 4. 120 degree

Question ID : **264330128248**

Status : **Answered**

Chosen Option : **4**

Q.17 Two medians JX and KY of ΔJKL intersect each other at Z at right angles. If KL = 22 cm and KY = 12 cm, then what is the length of JX?

Ans ✗ 1. $6\sqrt{19}$ cm

✓ 2. $3\sqrt{57}$ cm

✗ 3. $2\sqrt{57}$ cm

✗ 4. $4\sqrt{19}$ cm

Question ID : **264330128026**

Status : **Not Answered**

Chosen Option : **--**

Q.18 The marked price of an item was Rs.480 but the shopkeeper offered a discount of 5%. At what price does he finally sell the item?

Ans ✗ 1. Rs.435

✗ 2. Rs.450

✗ 3. Rs.466

✓ 4. Rs.456

Question ID : **264330128368**

Status : **Answered**

Chosen Option : **4**

Q.19 If $\tan\theta + \sin\theta = A$ and $\tan\theta - \sin\theta = B$, then what is the value of $A^2 - B^2$?

Ans
- ✗ 1. $\tan\theta\,\sin\theta$
- ✗ 2. $4\cot\theta$
- ✔ 3. $4\tan\theta\,\sin\theta$
- ✗ 4. $2\tan\theta\,\sin\theta$

Question ID : **264330128033**
Status : **Answered**
Chosen Option : **3**

Q.20 $\triangle ABC$ is a right angled triangle. $\angle C = 90$ degree, $AB = 25$ cm and $BC = 20$ cm. What is the value of $\sec A$?

Ans
- ✔ 1. $5/3$
- ✗ 2. $4/5$
- ✗ 3. $4/3$
- ✗ 4. $5/4$

Question ID : **264330127757**
Status : **Answered**
Chosen Option : **1**

Q.21 The average marks obtained by 80 students in an examination is 50. If the average marks of passed students is 55 and the number of students who failed the examination are 30, then what is the average marks of students who failed the examination?

Ans
- ✔ 1. 41.66
- ✗ 2. 46.66
- ✗ 3. 40.33
- ✗ 4. 52.33

Question ID : **264330128017**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.22 To complete a wall, X takes 50 percent more time than Y. If together they complete the wall in 15 days, then how much time will X alone take to complete it?

Ans
- ✗ 1. 36.5 days
- ✗ 2. 42.5 days
- ✔ 3. 37.5 days
- ✗ 4. 40 days

Question ID : **264330128114**
Status : **Answered**
Chosen Option : **3**

Q.23 The below bar graph shows the number of toys sold by five different shops (i.e., A, B, C, D and E) in the first week and second week.

Find the ratio of the total number of toys sold by shops A, B and C in the first week to the number of toys sold by shops C, D and E in the second week.

Ans
✗ 1. $1 : 13$

✗ 2. $9 : 1$

✗ 3. $13 : 9$

✔ 4. $9 : 13$

Question ID : **264330128536**
Status : **Answered**
Chosen Option : **4**

Q.24 Which of the following statement is true?

I. $\dfrac{5}{11} > \dfrac{5}{6}$

II. $\dfrac{5}{9} > \dfrac{8}{9}$

III. $\dfrac{5}{6} > \dfrac{4}{5}$

Ans
✔ 1. Only III

✗ 2. Both I and II

✗ 3. Only II

✗ 4. Only I

Question ID : **264330128031**
Status : **Answered**
Chosen Option : **1**

Q.25 What is the sum of all two digit numbers which are divisible by 9?

Ans
✗ 1. 565

✗ 2. 535

✔ 3. 585

✗ 4. 475

Question ID : **264330128155**
Status : **Answered**
Chosen Option : **3**

Section : **General awareness**

Q.1 Which among the following is the highest peak of Andaman and Nicobar Islands?

Ans ✗ 1. Deomali

✓ 2. Saddle

✗ 3. Phawngpui

✗ 4. Kalsubai

Question ID : **264330125496**

Status : **Answered**

Chosen Option : **2**

Q.2 Which of the following provision of the Indian constitution is not borrowed from the constitution of Britain?

Ans ✓ 1. Fundamental Rights

✗ 2. Legislative procedure

✗ 3. Bicameralism

✗ 4. Rule of law

Question ID : **264330125129**

Status : **Answered**

Chosen Option : **1**

Q.3 Certain plants have green and tender stems. They are usually short and may not have many branches. What are they called as?

Ans ✓ 1. Herbs

✗ 2. Shrubs

✗ 3. Trees

✗ 4. Creepers

Question ID : **264330125117**

Status : **Answered**

Chosen Option : **1**

Q.4 On learning about the Jallianwala Bagh massacre, _____ expressed the pain and anger of the country by renouncing his knighthood.

Ans ✗ 1. Dadabhai Naoroji

✗ 2. Badruddin Tyabji

✓ 3. Rabindranath Tagore

✗ 4. Surendranath Banerji

Question ID : **264330125124**

Status : **Answered**

Chosen Option : **3**

Q.5 A megabyte (MB) consists of 1024 _____.

Ans ✗ 1. Gigabytes

✓ 2. Kilobytes

✗ 3. Terabytes

✗ 4. Bytes

Question ID : **264330125458**

Status : **Answered**

Chosen Option : **2**

Q.6 Which of the following pairs of "term – definition" is correct?
I. Strait – a narrow strip of land joining two landmasses
II. Isthmus – a narrow passage of water connecting two large water bodies

Ans ✗ 1. Only II

✗ 2. Both I and II

✓ 3. Neither I nor II

✗ 4. Only I

Question ID : **264330125223**
Status : **Answered**
Chosen Option : **3**

Q.7 Which of the following is NOT a play written by Shakespeare?

Ans ✗ 1. Antony and Cleopatra

✗ 2. The Comedy of Errors

✓ 3. The Candlestand

✗ 4. Othello

Question ID : **264330125501**
Status : **Not Answered**
Chosen Option : **--**

Q.8 In MS-Excel 365 which of the following shortcut is used to copy the contents and format of the topmost cell of a selected range into the cells below?

Ans ✗ 1. Alt + D

✓ 2. Ctrl + D

✗ 3. Alt + C

✗ 4. Ctrl + C

Question ID : **264330125109**
Status : **Answered**
Chosen Option : **4**

Q.9 Which dance is performed by women of Maharashtra?

Ans ✗ 1. Ghoomer dance

✗ 2. Bihu dance

✓ 3. Lavani dance

✗ 4. Bhangra dance

Question ID : **264330124936**
Status : **Answered**
Chosen Option : **3**

Q.10 Which article of the Indian constitution is related with the special provision with respect to the States of Maharashtra and Gujarat?

Ans ✓ 1. Article 371

✗ 2. Article 386

✗ 3. Article 377

✗ 4. Article 380

Question ID : **264330125478**
Status : **Not Answered**
Chosen Option : **--**

Q.11 What is the Pradhan Mantri Mudra Yojana?

Ans ✓ 1. A loan Scheme

✗ 2. A scheme for free medicines

✗ 3. An insurance Scheme

✗ 4. An employment Scheme

Question ID : **264330125214**
Status : **Answered**
Chosen Option : **1**

Q.12 The 'Karmayoddha Granth' book was released by which of the following politician?

Ans ✓ 1. Amit Shah

✗ 2. Rahul Gandhi

✗ 3. Nitin Gadkari

✗ 4. Smriti Irani

Question ID : **264330125126**
Status : **Answered**
Chosen Option : **1**

Q.13 Which of the following is the largest peninsular river in India?

Ans ✗ 1. Krishna

✓ 2. Godavari

✗ 3. Kaveri

✗ 4. Mahanadi

Question ID : **264330125121**
Status : **Answered**
Chosen Option : **2**

Q.14 Which of the following pairs of 'elements – valency' is correct?
I. Boron – 2
II. Fluorine – 3

Ans ✓ 1. Neither I nor II

✗ 2. Both I and II

✗ 3. Only II

✗ 4. Only I

Question ID : **264330125119**
Status : **Answered**
Chosen Option : **1**

Q.15 Which of the following assumptions is made to determine the level of aggregate demand for final goods in the economy?
I. A constant final goods price and constant rate of interest over short run are assumed.
II. The aggregate supply is assumed to be perfectly elastic.

Ans ✗ 1. Only II

✗ 2. Only I

✗ 3. Neither I nor II

✓ 4. Both I and II

Question ID : **264330125216**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Who among the following Indian athletes won a Gold medal in 2022 Common Wealth Games?
I. Saurav Ghosal
II. Anshu Malik

Ans ✗ 1. Only I

✗ 2. Both I and II

✓ 3. Neither I nor II

✗ 4. Only II

Question ID : **264330125232**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Which of the following pairs of "sports – medal" is correct regarding performance of India in 2020 Tokyo Olympic Games?
I. Javelin Throw – Silver
II. Men's Hockey – Gold

Ans ✗ 1. Only II

✓ 2. Neither I nor II

✗ 3. Both I and II

✗ 4. Only I

Question ID : **264330125006**
Status : **Not Answered**
Chosen Option : **--**

Q.18 The book titled 'The Immortals of Meluha' is written by _____.

Ans ✗ 1. Sushil Kumar

✗ 2. Devdutt Pattanaik

✓ 3. Amish Tripathi

✗ 4. Chetan Bhagat

Question ID : **264330125227**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Ain-i Akbari, a document on life of Mughal ruler Akbar does not contain information about _____.

Ans ✗ 1. Revenues

✓ 2. Ancestors

✗ 3. Army

✗ 4. Administration

Question ID : **264330125475**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.20 Which of the following statements is/are NOT correct?
I. The property of metals by which they can be beaten into thin sheets is called malleability.
II. The property of metal by which it can be drawn into wires is called ductility.

Ans ✓ 1. Neither I nor II

✗ 2. Both I and II

✗ 3. Only I

✗ 4. Only II

Question ID : **264330125218**
Status : **Answered**
Chosen Option : **1**

Q.21 Chandigarh International Airport has been renamed as _____.

Ans ✗ 1. Manmohan Singh International Airport

✓ 2. Shaheed Bhagat Singh International Airport

✗ 3. Guru Gobind Singh International Airport

✗ 4. Rajguru International Airport

Question ID : **264330125213**
Status : **Not Answered**
Chosen Option : **--**

Q.22 The Sattriya dance form originated in which of the following Indian States?

Ans ✓ 1. Assam

✗ 2. Tamil Nadu

✗ 3. Uttar Pradesh

✗ 4. Manipur

Question ID : **264330125611**
Status : **Answered**
Chosen Option : **1**

Q.23 India has won 8 olympic gold medals in which sport till 2020?

Ans ✗ 1. Boxing

✓ 2. Field Hockey

✗ 3. 10m air rifle

✗ 4. Wrestling

Question ID : **264330125456**
Status : **Answered**
Chosen Option : **4**

Q.24 As of 2022, there are _____ Union Territories of India.

Ans ✗ 1. 10

✗ 2. 9

✗ 3. 7

✓ 4. 8

Question ID : **264330125472**
Status : **Answered**
Chosen Option : **4**

Q.25 The curve giving the maximum amount of corn that can be produced in the economy for any given amount of cotton and vice-versa. This curve is called the _____.

Ans ✗ 1. Total revenue curve

✗ 2. Indifference curve

✓ 3. Production possibility frontier

✗ 4. Demand curve

Question ID : **264330125115**
Status : **Not Answered**
Chosen Option : **--**