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 Green Park
Exam Date	15/03/2023
Exam Time	2:30 PM - 3:30 PM
Subject	CHSL Exam 2022 Tier I

Section : **English Language**

Q.1 Identify the segment in the sentence which contains a grammatical error. If there is no error, then select the option "No error".
The credit for organising/ the successful event was/ given to both Neha and I.

Ans ✗ 1. the successful event was

✓ 2. given to both Neha and I.

✗ 3. The credit for organising

✗ 4. No error

Question ID : **264330124734**
Status : **Answered**
Chosen Option : **2**

Q.2 Select the word that is similar in meaning (SYNONYM) to the word given below
Malign

Ans ✗ 1. Nihilistic

✗ 2. Insurgent

✓ 3. Baleful

✗ 4. Radical

Question ID : **264330125911**
Status : **Answered**
Chosen Option : **3**

Q.3 Fill in the blank with the most suitable word.
He made me think of an old time magician more than _____ .

Ans ✗ 1. a thing

✗ 2. everything

✗ 3. something

✓ 4. anything

Question ID : **264330125758**
Status : **Answered**
Chosen Option : **1**

Q.4 Choose the option that is the correct direct form of the sentence.
He said that he would be taking a leave of absence for two weeks as there had been a death in his family.

Ans ✗ 1. He said "I am going to take a leave for two weeks as there had been a death in my family".

✗ 2. He said, "I would be taking a leave of absence for 2 weeks as there been a death in my family

✗ 3. He said "I will be taking a leave of absence for two week as there is a death in my family".

✓ 4. He said, "I will be taking a leave of absence for two weeks as there has been a death in my family".

Question ID : **264330125890**
Status : **Answered**
Chosen Option : **4**

Q.5 Given below are four jumbled sentences. Pick the option that gives their correct order.
P. Fasting also leads to a feeling of rejuvenation and extended life expectancy.
Q. This might be due to the detoxification effect of fasting.
R. A study was performed on earthworms that showed the extension of life thanks to fasting.
S. The experiment was performed in the 1930s by isolating one worm and putting it on a cycle of fasting and feeding.
The isolated worm outlived the other worms by 19 generations, while still maintaining its freshness and youthful physiological characteristics.

Ans ✗ 1. PQSR

✗ 2. PRSQ

✓ 3. PQRS

✗ 4. PSRQ

Question ID : **264330125900**
Status : **Answered**
Chosen Option : **3**

Q.6 Select the option that will improve the (bracketed) part of the sentence. In case of no improvement select the option 'No improvement'.
There's even a (picture by which a witch is riding) a broomstick on the sides of the police cars.

Ans ✗ 1. No improvement

✗ 2. picture that of a witch riding

✗ 3. pictures of witch riding

✓ 4. picture of a witch riding

Question ID : **264330125823**
Status : **Answered**
Chosen Option : **4**

Q.7 Rearrange the parts of the sentence in correct order.
The federal government
P. currently provides disaster relief for direct impacts
Q. of volcanic eruptions and other natural disasters,
R. but limited or no assistance for the indirect effects
S. experienced from long periods of volcanic unrest

Ans ✗ 1. QRPS

✓ 2. PQRS

✗ 3. RQPS

✗ 4. SPQR

Question ID : **264330124325**
Status : **Answered**
Chosen Option : **2**

Q.8 Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. In case no improvement is needed, select 'No improvement'.
To be ready for a conflict (is one of the most effectual mean of) preserving harmony.

Ans ✗ 1. No improvement

✗ 2. is one of most effectual means of

✓ 3. is one of the most effectual means of

✗ 4. is one of most effectual mean with

Question ID : **264330124769**
Status : **Answered**
Chosen Option : **3**

Q.9 Identify the segment in the sentence which contains a grammatical error. If there is no error, then select the option "No error".
Although people had been on watch and/ the watchkeepers were very tired,/ everyone were up and buzzing.

Ans ✗ 1. No error

✗ 2. the watchkeepers were very tired,

✓ 3. everyone were up and buzzing.

✗ 4. Although people had been on watch and

Question ID : **264330125891**
Status : **Answered**
Chosen Option : **3**

Q.10 Select the most appropriate meaning of the given idiom.
Blessing in disguise

Ans ✗ 1. A good deed rewards as a blessing

✓ 2. Bad thing that turns out to be good

✗ 3. A good thing introduced into your life as a blessing

✗ 4. Something that happens very rarely

Question ID : **264330124748**
Status : **Answered**
Chosen Option : **2**

Q.11 Choose the word that is opposite in meaning to the given word.
Cupidity

Ans ✓ 1. Largesse

✗ 2. Hatred

✗ 3. Greed

✗ 4. Avarice

Question ID : **264330124486**
Status : **Answered**
Chosen Option : **1**

Q.12 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

The dog <u>chased the ball</u> into the neighbour's yard.

Ans   ✘ 1. chase the ball

✔ 2. No improvement

✘ 3. chasing the ball

✘ 4. has chasing the ball

Question ID : **264330124197**
Status : **Answered**
Chosen Option : **2**

Q.13 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

Add more flour if the dough is <u>too stickiest</u>.

Ans   ✘ 1. too stickier

✔ 2. too sticky

✘ 3. No improvement

✘ 4. much stick

Question ID : **264330124353**
Status : **Answered**
Chosen Option : **2**

Q.14 Select the most appropriate meaning of the given idiom
Pedal to the metal

Ans   ✘ 1. To enjoy yourself by going out.

✔ 2. To go full speed, especially while driving a vehicle.

✘ 3. Avoid responsibility by giving it to someone else.

✘ 4. Very excessive.

Question ID : **264330125905**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Choose the word that can substitute the given group of words.
One who helps the needy and the helpless

Ans   ✘ 1. Novice

✘ 2. Egotist

✔ 3. Samaritan

✘ 4. Highbrow

Question ID : **264330124466**
Status : **Answered**
Chosen Option : **3**

Q.16 Choose the option that is the correct passive form of the sentence.
Shivam does not play football.

Ans   ✘ 1. Football will not played by Shivam.

✔ 2. Football is not played by Shivam.

✘ 3. Football was not played by Shivam.

✘ 4. Football has not played by Shivam.

Question ID : **264330124731**
Status : **Answered**
Chosen Option : **2**

Q.17 Choose the word that is opposite in meaning to the given word.
Contempt

Ans   ✔ 1. Approbation

    ✘ 2. Opprobrium

    ✘ 3. Odium

    ✘ 4. Obloquy

	Question ID : **264330124329**
	Status : **Not Answered**
	Chosen Option : **--**

Q.18 Select the wrongly spelt word.

Ans   ✘ 1. Articulate

    ✘ 2. Arduous

    ✘ 3. Arrogate

    ✔ 4. Artefect

	Question ID : **264330125908**
	Status : **Answered**
	Chosen Option : **4**

Q.19 Select the most appropriate antonym of the given word.
Sorcery

Ans   ✘ 1. Spell

    ✔ 2. Reality

    ✘ 3. Devilry

    ✘ 4. Dismiss

	Question ID : **264330125956**
	Status : **Not Answered**
	Chosen Option : **--**

Q.20 Select the wrongly spelt word.

Ans   ✘ 1. Aesthetic

    ✘ 2. Affectation

    ✘ 3. Abase

    ✔ 4. Arei

	Question ID : **264330125907**
	Status : **Answered**
	Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
The Games were held every four years from 1924 until 1936, after which they were 1._____ by World War II. The Olympics 2._____ in 1948 and was 3._____ held every four years. Until 1992, the Winter and Summer Olympic Games were held in the same years, but in accordance with a 1986 4._____ by the International Olympic Committee (IOC) to place the Summer and Winter Games on 5._____ four-year cycles in alternating even-numbered years, the next Winter Olympics after 1992 was in 1994.

SubQuestion No : 21

Q.21 **Select the most appropriate option to fill in the blank No.1.**

Ans ✘ 1. complicated

✔ 2. interrupted

✘ 3. corrupted

✘ 4. solicited

Question ID : **264330125894**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
The Games were held every four years from 1924 until 1936, after which they were 1._____ by World War II. The Olympics 2._____ in 1948 and was 3._____ held every four years. Until 1992, the Winter and Summer Olympic Games were held in the same years, but in accordance with a 1986 4._____ by the International Olympic Committee (IOC) to place the Summer and Winter Games on 5._____ four-year cycles in alternating even-numbered years, the next Winter Olympics after 1992 was in 1994.

SubQuestion No : 22

Q.22 **Select the most appropriate option to fill in the blank No.2.**

Ans ✔ 1. resumed

✘ 2. accustomed

✘ 3. confirmed

✘ 4. transformed

Question ID : **264330125895**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
The Games were held every four years from 1924 until 1936, after which they were 1._____ by World War II. The Olympics 2._____ in 1948 and was 3._____ held every four years. Until 1992, the Winter and Summer Olympic Games were held in the same years, but in accordance with a 1986 4._____ by the International Olympic Committee (IOC) to place the Summer and Winter Games on 5._____ four-year cycles in alternating even-numbered years, the next Winter Olympics after 1992 was in 1994.

SubQuestion No : 23

Q.23 **Select the most appropriate option to fill in the blank No.3.**

Ans ✘ 1. regain

✘ 2. bargained

✔ 3. again

✘ 4. never

Question ID : **264330125896**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
The Games were held every four years from 1924 until 1936, after which they were 1._____ by World War II. The Olympics 2._____ in 1948 and was 3._____ held every four years. Until 1992, the Winter and Summer Olympic Games were held in the same years, but in accordance with a 1986 4._____ by the International Olympic Committee (IOC) to place the Summer and Winter Games on 5._____ four-year cycles in alternating even-numbered years, the next Winter Olympics after 1992 was in 1994.

SubQuestion No : 24

Q.24 **Select the most appropriate option to fill in the blank No.4.**

Ans ✖ 1. precision

✖ 2. incision

✔ 3. decision

✖ 4. indecision

Question ID : **264330125897**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
The Games were held every four years from 1924 until 1936, after which they were 1._____ by World War II. The Olympics 2._____ in 1948 and was 3._____ held every four years. Until 1992, the Winter and Summer Olympic Games were held in the same years, but in accordance with a 1986 4._____ by the International Olympic Committee (IOC) to place the Summer and Winter Games on 5._____ four-year cycles in alternating even-numbered years, the next Winter Olympics after 1992 was in 1994.

SubQuestion No : 25

Q.25 **Select the most appropriate option to fill in the blank No.5.**

Ans ✖ 1. customary

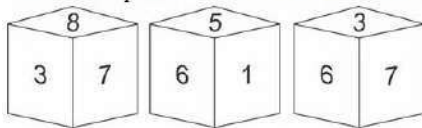✖ 2. matching

✖ 3. together

✔ 4. separate

Question ID : **264330125898**
Status : **Answered**
Chosen Option : **4**

Section : **General Intelligence**

Q.1 Three different positions of the same dice are shown. Find the number on the face opposite to the one having 8.

Ans ✖ 1. 1

✔ 2. 6

✖ 3. 3

✖ 4. 5

Question ID : **264330127632**
Status : **Answered**
Chosen Option : **2**

Q.2 Arrange the given words in the sequence in which they occur in the dictionary.
1. Engine
2. Emergence
3. Energetic
4. Ectasia
5. Envelope

Ans ✗ 1. 3,2,4,1,5

✓ 2. 4,2,3,1,5

✗ 3. 5,2,3,4,1

✗ 4. 2,5,1,4,3

Question ID : **264330127396**
Status : **Answered**
Chosen Option : **2**

Q.3 In a certain code language, 'CLOUD' is written as 'DMUAE' and 'WHITE' is written as 'XIOUI'. How will 'WATER' be written in that language?

Ans ✗ 1. XEUIT

✗ 2. XEVIS

✗ 3. XBUFS

✓ 4. XEUIS

Question ID : **264330127597**
Status : **Answered**
Chosen Option : **4**

Q.4 'Radians' is related to 'Angle' in the same way as 'Ampere' is related to '_____'.

Ans ✗ 1. Power

✗ 2. Voltage

✓ 3. Electric Current

✗ 4. Work

Question ID : **264330127650**
Status : **Answered**
Chosen Option : **3**

Q.5 Out of the given options, three words are similar in a certain manner. However, one option is NOT like the other three. Select the option which is different from the rest.

Ans ✗ 1. Red fort

✓ 2. Eiffel Tower

✗ 3. Taj Mahal

✗ 4. Howrah bridge

Question ID : **264330127405**
Status : **Answered**
Chosen Option : **2**

Q.6 Select the figure that will come next in the following figure series.

÷ ○ = + □	○ = □ ÷ +	= □ ○ + ÷	□ + = ÷ ○	+ ÷ □ ○ =	+ ÷ ○ = □	?

Ans

✗ 1.
	÷
= ○ +
□	

✗ 2.
| □ ‖ |
| ○ |
| + ·ǀ· |

✗ 3.
| | □ |
| + ○ = |
| ÷ | |

✔ 4.
| ÷ ○ = |
| + □ |

Question ID : **264330127608**

Status : **Answered**

Chosen Option : **4**

Q.7 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)
(25, 13, 130)
(49, 32, 448)

Ans ✗ 1. (100, 10, 1000)

✗ 2. (64, 16, 96)

✗ 3. (16, 48, 196)

✔ 4. (36, 12, 144)

Question ID : **264330127593**

Status : **Answered**

Chosen Option : **4**

Q.8 Three of the following four letter clusters are alike in a certain way and one is different. Pick the cluster that is different from the rest.

Ans ✗ 1. TVX

✗ 2. GIK

✗ 3. LNP

✔ 4. IJK

Question ID : **264330127604**

Status : **Answered**

Chosen Option : **4**

Q.9 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)
(9, 15, 21)
(31, 37, 43)

Ans ✗ 1. (32, 38, 43)

✗ 2. (23, 28, 39)

✓ 3. (65, 71, 77)

✗ 4. (45, 51, 56)

Question ID : **264330127642**
Status : **Answered**
Chosen Option : **3**

Q.10 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)
(83, 119, 168)
(76, 101, 137)

Ans ✓ 1. (78, 87, 103)

✗ 2. (36, 52, 88)

✗ 3. (42, 46, 62)

✗ 4. (84, 100, 149)

Question ID : **264330127042**
Status : **Not Answered**
Chosen Option : **--**

Q.11 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.
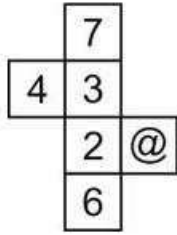Heart : Cardiology :: Earthquakes : ?

Ans ✗ 1. Selenography

✗ 2. Pathology

✓ 3. Seismology

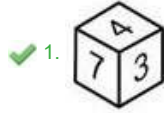✗ 4. Pedology

Question ID : **264330127050**
Status : **Answered**
Chosen Option : **3**

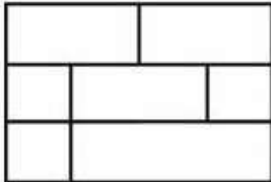**Q.12** By folding the given paper, which of the following box can be made?

Ans

✅ 1.

❌ 2.

❌ 3.

❌ 4.

Q.13 How many quadrilaterals are there in the given figure?

Ans
❌ 1. 16
✅ 2. 17
❌ 3. 18
❌ 4. 15

Q.14 By interchanging which two signs and two numbers (Not digits) the equation will be correct?
13 × 12 ÷ 36 + 11 − 7 = 35

Ans
❌ 1. × and ÷, 13 and 36
✅ 2. × and ÷, 11 and 7
❌ 3. + and −, 12 and 7
❌ 4. + and ×, 36 and 7

Q.15 Select the option that is related to the sixth number in the same way as the first number is related to the second number and third number is related to fourth number.

27 : 841 :: 18 : 400 :: ? : 324

Ans ✗ 1. 10

✓ 2. 16

✗ 3. 12

✗ 4. 14

Q.16 In the question below two statements are given, followed by two conclusions, I and II. You have to consider the statement to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statements:
I.All parrots are birds.
II.Some birds are butterflies.

Conclusions:
I. All butterflies are parrots.
II. Some parrots are butterflies.

Ans ✗ 1. Only conclusion I follows.

✗ 2. Both conclusion I and II follow.

✗ 3. Only conclusion II follows.

✓ 4. Neither conclusion I nor II follow.

Q.17 How many brown are pink?
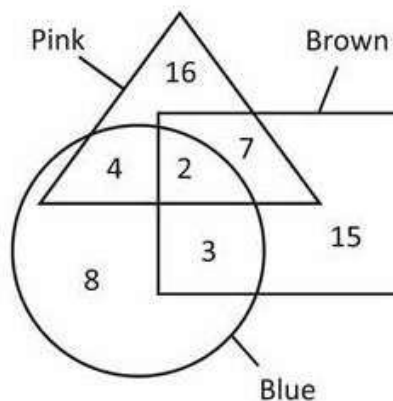
Ans ✗ 1. 12

✗ 2. 2

✓ 3. 9

✗ 4. 5

Q.18 Which one set of letters when sequentially placed in the gaps in the given letter series shall complete it?

n o _ m _ l _ o _ m _ l n _ r _ a l

Ans ✔ 1. ranraom

✘ 2. manrmao

✘ 3. noamrna

✘ 4. naromra

Q.19 Which of the following numbers will replace the question mark (?) in the given series?

730, 692, 654, ?, 578

Ans ✘ 1. 626

✔ 2. 616

✘ 3. 612

✘ 4. 622

Q.20 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

MAKE : KEMA :: CAMP : MPCA :: STAY : ?

Ans ✘ 1. TAYS

✘ 2. TSYA

✘ 3. ASYT

✔ 4. AYST

Q.21 Three positions of a dice are given below. What can come on the adjacent faces of the face containing '3' on it?

Ans ✔ 1. 6 and 4

✘ 2. 2 and 7

✘ 3. 4 and 7

✘ 4. 7 and 5

Q.22 Mukesh's sister is the wife of Ramesh. Ramesh is Rani's only brother. Ramesh's father is Madhur. Sheetal is Ramesh's paternal grandmother. Rema is Sheetal's daughter-in-law. Ronit is Rani's brother's son. How is Ronit related to Mukesh?

Ans ✗ 1. Son

✗ 2. Brother

✗ 3. Brother-in-law

✓ 4. Nephew

Question ID : **264330127602**
Status : **Answered**
Chosen Option : **4**

Q.23 Amongst six friends Uday, Vikrant, William, Xena, Yasir and Ziya, each has a different height. Vikrant is taller than only three other friends. Ziya is only taller than Xena and William is only shorter than Uday. Given that no two friends have the same height, find who is the third shortest among all the friends?

Ans ✓ 1. Yasir

✗ 2. Uday

✗ 3. Ziya

✗ 4. William

Question ID : **264330127364**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.24 In a certain code language, 'N' is written as '2' and 'KAW' is written as '5'. How will 'MAN' be written in that code language?
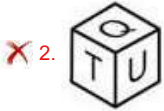
Ans ✗ 1. 6

✓ 2. 4

✗ 3. 2

✗ 4. 9

Question ID : **264330127598**
Status : **Answered**
Chosen Option : **2**

Q.25 By folding the given paper, which of the following box cannot be made?

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
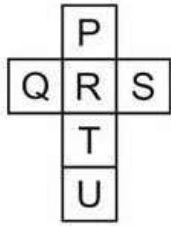
Question ID : **264330127182**
Status : **Answered**
Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 The following line graph shows the export by company A and company B (in crores) over the five years 2010 to 2014. In which year, the difference between the export from company A and company B was maximum? (Currency is Indian rupees.)

Ans ✔ 1. 2014

✘ 2. 2011

✘ 3. 2012

✘ 4. 2013
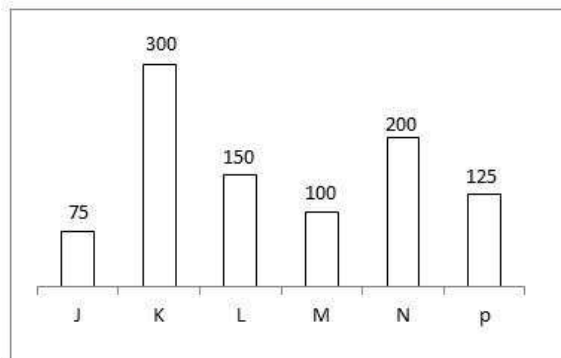
Question ID : **264330128413**
Status : **Answered**
Chosen Option : **1**

Q.2 In the isosceles triangle ABC with BC being the unequal side of the triangle, and line AD is the median drawn from the vertex A to the side BC. If the length AC = 5 cm and the length of the median is 4 cm, then find the length of BC (in cm).

Ans
✗ 1. 4
✔ 2. 6
✗ 3. 5
✗ 4. 3

Q.3 The bar graph given below shows the salary of 6 employees of a company.

What is the ratio of the salary of J to the salary of M?

Ans
✗ 1. 4 : 3
✔ 2. 3 : 4
✗ 3. 5 : 7
✗ 4. 2 : 5

Q.4 If $\sin(x - y) = 1/2$ and $\cos(x + y) = 1/2$, then what is the value of $\sin x \cos x + 2\sin^2 x + \cos^3 x \sec x$?

Ans
✔ 1. 2
✗ 2. 3/4
✗ 3. $\sqrt{2} + 1$
✗ 4. 1

Q.5 If $(x - 8)^2 - (x + 8)^2 = 0$. What is the value of x?

Ans
✗ 1. -32
✗ 2. 32
✔ 3. 0
✗ 4. 1

Q.6 If 60 chairs are bought for Rs.24,560, then how many chairs must be sold for Rs.24,560 to earn a profit of 20 percent?

Ans
- ✔ 1. 50
- ✘ 2. 40
- ✘ 3. 30
- ✘ 4. 60

Q.7 The value of $32 + 12 \times 36 \div 4 + 4 - 22 \div 11 \times 3$ is:

Ans
- ✘ 1. 142
- ✔ 2. 138
- ✘ 3. 130
- ✘ 4. 150

Q.8 If the average age of Ram, Raman and Rohan is 23 years and the average age of Raman and Rohan is 27 years, then find Ram's age 5 years ago.

Ans
- ✔ 1. 10 years
- ✘ 2. 20 years
- ✘ 3. 25 years
- ✘ 4. 15 years

Q.9 The bar graph given below shows the marks obtained by two students X and Y in 6 subjects.
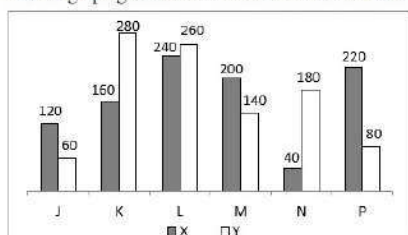
What is the ratio of total marks obtained by X in all the subjects to the total marks obtained by Y in all the subjects?

Ans
- ✘ 1. 50 : 49
- ✘ 2. 41 : 51
- ✘ 3. 51 : 41
- ✔ 4. 49 : 50

Q.10 The ratio of the prices of A and B is 5 : 9, and prices of C and D is 24 : 13. The price of C is Rs.1,500 more than the price of B, and the price of D is Rs.1,300. Find the price of A.

Ans
- ✗ 1. Rs.2,400
- ✗ 2. Rs.900
- ✗ 3. Rs.1,000
- ✔ 4. Rs.500

Question ID : **264330128596**
Status : **Answered**
Chosen Option : **4**

Q.11 How many bricks each measuring 25 cm × 12.5 cm × 16 cm will be needed to construct a wall 8 m long, 5 m high and 22.5 cm thick ?

Ans
- ✔ 1. 1800
- ✗ 2. 3600
- ✗ 3. 1200
- ✗ 4. 2400

Question ID : **264330128591**
Status : **Answered**
Chosen Option : **1**

Q.12 O, T and P can do a piece of work in 3, 4 and 6 hours respectively. If they are working together, then in how much time they will finish the work?

Ans
- ✗ 1. 1 hour 15 minutes
- ✗ 2. 1 hour 10 minutes
- ✗ 3. 1 hour
- ✔ 4. 1 hour 20 minutes

Question ID : **264330128389**
Status : **Answered**
Chosen Option : **4**

Q.13 Ratio of the angles of a triangle are 1 : 2 : 6. What is the smallest angle?

Ans
- ✗ 1. 30 degree
- ✗ 2. 40 degree
- ✔ 3. 20 degree
- ✗ 4. 45 degree

Question ID : **264330128025**
Status : **Answered**
Chosen Option : **3**

Q.14 If $p + q = 7$ and $p^2 + q^2 = 25$, then find the value of pq.

Ans
- ✔ 1. 12
- ✗ 2. 24
- ✗ 3. 36
- ✗ 4. 18

Question ID : **264330128602**
Status : **Answered**
Chosen Option : **1**

Q.15 If $a^4 + \dfrac{1}{a^4} = 194$, then what is the value of $a^3 + \dfrac{1}{a^3}$?

Ans ✗ 1. 50

✓ 2. 52

✗ 3. 48

✗ 4. 44

Q.16 Ankit went to Manali, for river rafting. He rows at the rate of 12 km/h in still water. To cover the same distance, it takes him twice as long to row up as to row down the river. Find the rate of flow of the river.

Ans ✗ 1. 6 km/h

✓ 2. 4 km/h

✗ 3. 8 km/h

✗ 4. 2 km/h

Q.17 The table given below shows the saving and expenditure of 5 companies.

Companies	Saving	Expenditure
J	400	200
K	900	500
L	700	400
M	400	300
N	500	1100

The total expenditure of all the companies is how much percent less than the total savings?

Ans ✗ 1. 9.09 percent

✗ 2. 16.67 percent

✗ 3. 10.56 percent

✓ 4. 13.79 percent

Q.18 Rs. P are invested at 5% per annum of simple interest. After T years an interest of Rs.82 is earned and the amount becomes Rs.902. What is the value of T?

Ans ✗ 1. 4 years

✗ 2. 1 year

✗ 3. 3 years

✓ 4. 2 years

Q.19 After giving 10 percent discount on an article there is still a profit of 10 percent. What will be the profit percentage when no discount is given?

Ans ✓ 1. 22.22 percent

✗ 2. 26.88 percent

✗ 3. 16.66 percent

✗ 4. 25 percent

Question ID : **264330127993**

Status : **Not Answered**

Chosen Option : **--**

Q.20 What is the value of $\frac{4}{3}(\sin^2 35° + \sin^2 55°)$?

Ans ✗ 1. 8/9

✓ 2. 4/3

✗ 3. 3/4

✗ 4. 2/3

Question ID : **264330128034**

Status : **Answered**

Chosen Option : **2**

Q.21 What is the value of $\frac{1+\sin^2 45°}{1-\cos^2 45°}$?

Ans ✗ 1. 2

✓ 2. 3

✗ 3. 3/2

✗ 4. 1/2

Question ID : **264330128234**

Status : **Answered**

Chosen Option : **2**

Q.22 A circle is circumscribing a triangle whose sides are 30 cm, 40 cm and 50 cm. Find the circumference of the circle.

Ans ✗ 1. 100π cm

✓ 2. 50π cm

✗ 3. 25π cm

✗ 4. 75π cm

Question ID : **264330128599**

Status : **Not Answered**

Chosen Option : **--**

Q.23 XY7B is a 4 digit number divisible by 4. What is the largest value of B?

Ans ✓ 1. 6

✗ 2. 2

✗ 3. 8

✗ 4. 0

Q.24 If price of an apple is reduced by 30 Percent, it enables the customer to buy 5 more apples for Rs.140. Find the reduced rate of apple.

Ans ✗ 1. Rs.14

✗ 2. Rs.12

✗ 3. Rs.7

✓ 4. Rs.8.4

Q.25 If in a Triangle PQR, Angle P = 88°, PQ and PR produced to point S and T respectively. If the bisectors of angle SQR and TRQ meet at the point O. Find angle QOR.

Ans ✗ 1. 44°

✓ 2. 46°

✗ 3. 48°

✗ 4. 42°

Section : **General awareness**

Q.1 Who among the following won the Singapore Formula 1 Grand Prix 2022?

Ans ✗ 1. Carlos Sainz Jr.

✗ 2. Charles Leclerc

✗ 3. Max Verstappen

✓ 4. Sergio Perez

Q.2 Prime Minister Narendra Modi inaugurated Phase 1 of Modi Shaikshanik Sankul, an educational complex in _____ in October 2022.

Ans ✗ 1. Gurugram

✗ 2. Mumbai

✓ 3. Ahmedabad

✗ 4. Kolkata

Q.3 _____ is the largest producer of bauxite in the world.

Ans ✗ 1. China

✓ 2. Australia

✗ 3. United states of America

✗ 4. India

Question ID : **264330124945**
Status : **Not Answered**
Chosen Option : **--**

Q.4 As per the United Nations Conference on Trade and Development (UNCTAD) Report 2022, India's economic growth is expected to decline from 8.2% in 2021 to _____ in 2022.

Ans ✗ 1. 6.8%

✗ 2. 6.3%

✗ 3. 5.9%

✓ 4. 5.7%

Question ID : **264330125491**
Status : **Answered**
Chosen Option : **1**

Q.5 Who among the following inaugurated 75 Digital Banking Units (DBU) in October 2022 in India?

Ans ✗ 1. Defence Minister of India

✗ 2. President of India

✗ 3. Home Minister of India

✓ 4. Prime Minister of India

Question ID : **264330125637**
Status : **Not Answered**
Chosen Option : **--**

Q.6 Which among the following teams won the TATA IPL 2022?

Ans ✗ 1. Rajasthan Royals

✗ 2. Sunrisers Hyderabad

✓ 3. Gujarat Titans

✗ 4. Mumbai Indians

Question ID : **264330130266**
Status : **Not Answered**
Chosen Option : **--**

Q.7 On which of the following two dates does the equinox fall?

Ans ✗ 1. 21 June and 23 September

✗ 2. 21 March and 21 June

✓ 3. 21 March and 23 September

✗ 4. 23 September and 22 December

Question ID : **264330125097**
Status : **Answered**
Chosen Option : **1**

Q.8 Which type of seeds played an important role in Green Revolution in India?

Ans ✓ 1. High Yielding Variety

✗ 2. High Nutritional Variety

✗ 3. Low Yielding Variety

✗ 4. Low Nutritional Variety

Question ID : **264330125692**

Status : **Not Answered**

Chosen Option : **--**

Q.9 Which state won the Santosh Trophy in May 2022?

Ans ✗ 1. West Bengal

✓ 2. Kerala

✗ 3. Goa

✗ 4. Manipur

Question ID : **264330125155**

Status : **Not Answered**

Chosen Option : **--**

Q.10 In which among the following orbits does the satellites circle Earth directly above the equator?

Ans ✗ 1. Sun orbit

✗ 2. Low orbit

✓ 3. Geostationary orbit

✗ 4. No stationary orbit

Question ID : **264330125694**

Status : **Not Answered**

Chosen Option : **--**

Q.11 Who is the highest law officer in India?

Ans ✗ 1. Solicitor General of India

✗ 2. Chief Justice of India

✗ 3. Vice President of India

✓ 4. Attorney General for India

Question ID : **264330125704**

Status : **Answered**

Chosen Option : **4**

Q.12 What is the height of Kanchenjunga peak of the Himalayas?

Ans ✗ 1. 8868 metres

✗ 2. 7655 metres

✓ 3. 8598 metres

✗ 4. 8024 metres

Question ID : **264330125498**

Status : **Answered**

Chosen Option : **3**

Q.13 Article 26 of the Indian constitution is related with which of the following?

Ans ✘ 1. Non-payment of religious taxes

✔ 2. Freedom to manage religious affairs

✘ 3. Freedom as to payment of taxes for promotion of any particular religion

✘ 4. Protection of interests of minorities

Question ID : **264330125103**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Who among the following was a Roman Catholic missionary who worked in Bengal for the majority of his/her life?

Ans ✘ 1. Saint Bernadette

✘ 2. David of Basra

✔ 3. Mother Teresa

✘ 4. Columba

Question ID : **264330125699**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Which country has been elected as the president of International Solar Alliance (ISA) in October 2022?

Ans ✘ 1. Pakistan

✔ 2. India

✘ 3. China

✘ 4. USA

Question ID : **264330124937**
Status : **Answered**
Chosen Option : **2**

Q.16 Which Indian city is the host of the International Kite Festival 2023?

Ans ✘ 1. Thane

✘ 2. Surat

✔ 3. Ahmedabad

✘ 4. Pune

Question ID : **264330125488**
Status : **Answered**
Chosen Option : **1**

Q.17 Which of the following is an output device?

Ans ✘ 1. Scanner

✔ 2. Projector

✘ 3. MICR (Magnetic Ink Character Recognition (MICR))

✘ 4. OCR device

Question ID : **264330125083**
Status : **Answered**
Chosen Option : **2**

Q.18 The Kolar Gold Fields is located in which state of India?

Ans ✔ 1. Karnataka

✘ 2. Jharkhand

✘ 3. Kerala

✘ 4. Andhra Pradesh

Question ID : **264330125645**

Status : **Not Answered**

Chosen Option : **--**

Q.19 Preet wants to use object oriented programming language for her application. Which among the following languages should she pick?

Ans ✔ 1. Java

✘ 2. Either Java or Pascal

✘ 3. Pascal

✘ 4. BASIC

Question ID : **264330125684**

Status : **Not Answered**

Chosen Option : **--**

Q.20 Which among the following Indian states received the International Tourism Award 2023 for Best Destination for Culture by the Pacific Area Travel Writers Association (PATWA)?

Ans ✘ 1. Maharashtra

✔ 2. West Bengal

✘ 3. Tamil Nadu

✘ 4. Kerala

Question ID : **264330125502**

Status : **Not Answered**

Chosen Option : **--**

Q.21 When did depressed classes get the reserved seats in provincial and central legislative councils, but they were to be voted in by General electorate?

Ans ✘ 1. September 1930

✘ 2. November 1932

✘ 3. November 1930

✔ 4. September 1932

Question ID : **264330125100**

Status : **Not Answered**

Chosen Option : **--**

Q.22 Which of the following statements is/are correct?
I. Salts of a strong acid and weak base are acidic with pH value less than 7.
II. When electricity is passed through an aqueous solution of sodium chloride (called brine), it decomposes to form sodium oxide.

Ans ✘ 1. Neither I nor II

✘ 2. Both I and II

✘ 3. Only II

✔ 4. Only I

Question ID : **264330125493**

Status : **Not Answered**

Chosen Option : **--**

Q.23 India was ranked at which position in Global Innovation Index 2022?

Ans ✔ 1. 40th

✘ 2. 20th

✘ 3. 80th

✘ 4. 5th

Question ID : **264330125690**

Status : **Answered**

Chosen Option : **1**

Q.24 Which of the following dance form is related with Assam?

Ans ✔ 1. Bihu

✘ 2. Bhangra

✘ 3. Kalbeliya

✘ 4. Kathak

Question ID : **264330125435**

Status : **Answered**

Chosen Option : **1**

Q.25 With which of the following classical dance forms is Deepika Reddy associated?

Ans ✘ 1. Manipuri

✔ 2. Kuchipudi

✘ 3. Kathak

✘ 4. Sattriya

Question ID : **264330125235**

Status : **Not Answered**

Chosen Option : **--**