# Combined Higher Secondary Level Examination 2021 Tier I

| Roll Number | **Join Telegram for** GK,**Static** GK |
|---|---|
| Candidate Name | **Join Telegram for** GK,**Static** GK |
| Venue Name | Vidya Institute of Information Technology |
| Exam Date | 01/06/2022 |
| Exam Time | 4:00 PM - 5:00 PM |
| Subject | CHSL 2021 Tier I |

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Section : **English Language**

**Q.1** **Select the option that expresses the given sentence in passive voice.**
**The lawyer had presented the facts of the case well.**

Ans ✗ 1. The facts of the case had presented the lawyer well.

✔ 2. The facts of the case had been presented well by the lawyer.

✗ 3. The facts of the case were being presented by the lawyer well.

✗ 4. The lawyer was presented well by the facts of the case.

Question ID : **26433042981**
Status : **Answered**
Chosen Option : **2**

**Q.2** **Complete the collocation.**
**Since I like him a lot, I _____ him out.**

Ans ✗ 1. talked

✗ 2. went

✔ 3. asked

✗ 4. called

Question ID : **26433045441**
Status : **Answered**
Chosen Option : **1**

**Q.3** **Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.**
**A. It was in this spirit that my little ones crept about me the other evening to hear about their great-grandmother Field, who lived in a great house in Norfolk (a hundred times bigger than that in which they and papa lived), which had been the scene—so at least it was generally believed in that part of the country—of the tragic incidents which they had lately become familiar with from the ballad of the Children in the Wood.**
**B. Here, Alice put out one of her dear mother's looks, too tender to be called upbraiding.**
**C. Children love to listen to stories about their elders when they were children ; to stretch their imagination to the conception of a traditionary great-uncle, or grandame, whom they never saw.**
**D. Certain it is, that the whole story of the children and their cruel uncle was to be seen fairly carved out in the wood upon the chimney-piece of the great hall— the whole story down to the Robin Redbreasts—till a foolish rich person pulled it down to set up a marble one of modern invention in its stead, with no story upon it.**

Ans ✗ 1. CDBA

✔ 2. CADB

✗ 3. DBCA

✗ 4. ADCB

Question ID : **26433040092**
Status : **Answered**
Chosen Option : **2**

**Q.4** Select the most appropriate ANTONYM of the given word.

**Maverick**

Ans ✗ 1. Custodian

✗ 2. Versatility

✓ 3. Conformist

✗ 4. Brilliance

| | |
|---|---|
| Question ID : **26433039999** | |
| Status : **Answered** | |
| Chosen Option : **3** | |

**Q.5** Select the option that can be used as a one-word substitute for the underlined group of words.
Shylock was a cut-throat and was known as <u>someone who was only interested in the amount of money that he could get from a situation.</u>

Ans ✗ 1. Selfish

✗ 2. Greedy

✗ 3. Meddlesome

✓ 4. Mercenary

| | |
|---|---|
| Question ID : **26433045579** | |
| Status : **Answered** | |
| Chosen Option : **4** | |

**Q.6** Select the most appropriate meaning of the given idiom.
**Crocodile tears**

Ans ✓ 1. Pretended show of sorrow

✗ 2. Crying of a crocodile

✗ 3. Cruel presentation of sorrow

✗ 4. Sincere expression of sorrow

| | |
|---|---|
| Question ID : **26433043078** | |
| Status : **Answered** | |
| Chosen Option : **1** | |

**Q.7** Select the option that can be used as a one-word substitute for the underlined group of words.
Raman had always been attracted to <u>the scientific study of sound</u> and decided to take up a course in sound engineering to pursue his dream career.

Ans ✓ 1. Acoustics

✗ 2. Agronomy

✗ 3. Alchemy

✗ 4. Aesthetics

| | |
|---|---|
| Question ID : **26433045589** | |
| Status : **Answered** | |
| Chosen Option : **1** | |

**Q.8** Select the most appropriate meaning of the given idiom.
**To hold good**

Ans ✓ 1. To remain valid

✗ 2. To perform best

✗ 3. To keep relations

✗ 4. To keep an eye

Question ID : **26433042946**
Status : **Answered**
Chosen Option : **1**

**Q.9** Select the most appropriate synonym of the given word.
**Allay**

Ans ✓ 1. Relieve

✗ 2. Release

✗ 3. Arrange

✗ 4. Allure

Question ID : **26433045370**
Status : **Answered**
Chosen Option : **1**

**Q.10** Select the most appropriate meaning of the given idiom.
**It's all Greek to me**

Ans ✓ 1. I cannot understand anything

✗ 2. I am aware of the historical facts

✗ 3. I know this subject well

✗ 4. I can understand the cause of something

Question ID : **26433039986**
Status : **Answered**
Chosen Option : **1**

**Q.11** Select the INCORRECTLY spelt word.

Ans ✗ 1. Stingy

✗ 2. Culminate

✓ 3. Picth

✗ 4. Hasty

Question ID : **26433045520**
Status : **Answered**
Chosen Option : **3**

**Q.12** Select the INCORRECTLY spelt word.

Ans ✗ 1. Nocturnal

✗ 2. Irrespective

✓ 3. Repulcive

✗ 4. Scoreboard

Question ID : **26433045524**
Status : **Answered**
Chosen Option : **3**

**Q.13** Select the option that can be used as a one-word substitute for the underlined group of words.
My brother is a <u>connoisseur of food</u> and does not miss any chance to experiment with new dishes.

Ans ✗ 1. Glutton

✗ 2. Steward

✓ 3. Gourmet

✗ 4. Porter

Question ID : **26433045573**
Status : **Answered**
Chosen Option : **2**

**Q.14** Select the most appropriate ANTONYM of the given word.
Ambiguous

Ans ✗ 1. Annoying

✗ 2. Stylish

✗ 3. Sensational

✓ 4. Certain

Question ID : **26433045446**
Status : **Answered**
Chosen Option : **4**

**Q.15** Select the most appropriate synonym of the given word.
Quaint

Ans ✗ 1. Quite

✓ 2. Queer

✗ 3. Quack

✗ 4. Quiet

Question ID : **26433039767**
Status : **Answered**
Chosen Option : **4**

**Q.16** Select the most appropriate option to fill in the blank.
As I review the events of my past life, I realise how_____ are the influences that shape our destinies.

Ans ✓ 1. subtle

✗ 2. crude

✗ 3. plain

✗ 4. artless

Question ID : **26433045455**
Status : **Answered**
Chosen Option : **1**

**Q.17** Select the option that expresses the given sentence in indirect speech.
He asked us, "When are you reaching?"

Ans ✗ 1. He asked us whether we are reaching.

✗ 2. He asked us when we will reach.

✓ 3. He asked us when we were reaching.

✗ 4. He asked us when will you reach?

Question ID : **26433043023**
Status : **Answered**
Chosen Option : **3**

**Q.18** Select the option that expresses the given sentence in passive voice.
We will not remind you again.

**Ans** ✔ 1. You will not be reminded by us again.

✖ 2. You will not remind us again.

✖ 3. You will not have reminded us again.

✖ 4. You will not be reminding us again.

Question ID : **26433043049**
Status : **Answered**
Chosen Option : **1**

**Q.19** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
When Sanathan asked Mr. Jignesh / for a fresh evaluation of his performance / in the last financial year, / little did him know that the results will come out worse than expected.

**Ans** ✖ 1. When Sanathan asked Mr. Jignesh

✖ 2. for a fresh evaluation of his performance

✖ 3. in the last financial year

✔ 4. little did him know that the results will come out worse than expected

Question ID : **26433040044**
Status : **Answered**
Chosen Option : **4**

**Q.20** Select the most appropriate synonym of the word given in bold in the following sentence.
The headless monster winked at her from eyes embedded in pudgy shoulders.

**Ans** ✖ 1. narrow

✖ 2. stubborn

✔ 3. thick-bodied

✖ 4. bright

Question ID : **26433042798**
Status : **Answered**
Chosen Option : **3**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Connie Sellecca plays first officer Mimi Thompkins who manages successfully to land Flight 243 after its roof is ripped (1)_____ mid-flight due to mental fatigue. She is not the only one (2)_____ that flight, since there was also a flight attendant who kept checking on people. And telling them they were going to be fine (3)_____ they had giant pieces of aeroplane carpet stuck to their heads. I can't (4)_____ land a plane or tell the wounded people that they would be fine soon, due to the fact that I would be (5)_____ too hard and throwing out what ever food I had throughout the day.

**SubQuestion No : 21**

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

**Ans** ✖ 1. down

✔ 2. off

✖ 3. by

✖ 4. out

Question ID : **26433045791**
Status : **Answered**
Chosen Option : **2**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Connie Sellecca plays first officer Mimi Thompkins who manages successfully to land Flight 243 after its roof is ripped (1)_____ mid-flight due to mental fatigue. She is not the only one (2)_____ that flight, since there was also a flight attendant who kept checking on people. And telling them they were going to be fine (3)_____ they had giant pieces of aeroplane carpet stuck to their heads. I can't (4)_____ land a plane or tell the wounded people that they would be fine soon, due to the fact that I would be (5)_____ too hard and throwing out what ever food I had throughout the day.

**SubQuestion No : 22**

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

Ans  ✗  1. in

✗  2. over

✗  3. at

✓  4. on

Question ID : **26433045792**
Status : **Answered**
Chosen Option : **4**

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**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Connie Sellecca plays first officer Mimi Thompkins who manages successfully to land Flight 243 after its roof is ripped (1)_____ mid-flight due to mental fatigue. She is not the only one (2)_____ that flight, since there was also a flight attendant who kept checking on people. And telling them they were going to be fine (3)_____ they had giant pieces of aeroplane carpet stuck to their heads. I can't (4)_____ land a plane or tell the wounded people that they would be fine soon, due to the fact that I would be (5)_____ too hard and throwing out what ever food I had throughout the day.

**SubQuestion No : 23**

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

Ans  ✓  1. even though

✗  2. however

✗  3. otherwise

✗  4. besides

Question ID : **26433045793**
Status : **Answered**
Chosen Option : **2**

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**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Connie Sellecca plays first officer Mimi Thompkins who manages successfully to land Flight 243 after its roof is ripped (1)_____ mid-flight due to mental fatigue. She is not the only one (2)_____ that flight, since there was also a flight attendant who kept checking on people. And telling them they were going to be fine (3)_____ they had giant pieces of aeroplane carpet stuck to their heads. I can't (4)_____ land a plane or tell the wounded people that they would be fine soon, due to the fact that I would be (5)_____ too hard and throwing out what ever food I had throughout the day.

**SubQuestion No : 24**

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

Ans  ✗  1. even so

✗  2. neither

✓  3. either

✗  4. nevertheless

Question ID : **26433045794**
Status : **Answered**
Chosen Option : **3**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Connie Sellecca plays first officer Mimi Thompkins who manages successfully to land Flight 243 after its roof is ripped (1)_____ mid-flight due to mental fatigue. She is not the only one (2)_____ that flight, since there was also a flight attendant who kept checking on people. And telling them they were going to be fine (3)_____ they had giant pieces of aeroplane carpet stuck to their heads. I can't (4)_____ land a plane or tell the wounded people that they would be fine soon, due to the fact that I would be (5)_____ too hard and throwing out what ever food I had throughout the day.

**SubQuestion No : 25**

**Q.25 Select the most appropriate option to fill in blank number 5.**
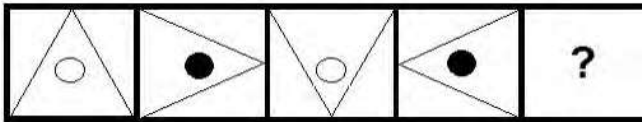
Ans ✗ 1. oozing

✗ 2. spewing

✗ 3. razing

✓ 4. vomiting

Question ID : **26433045795**

Status : **Answered**

Chosen Option : **4**

Section : **General Intelligence**

**Q.1** Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : **26433045005**

Status : **Answered**

Chosen Option : **1**

**Q.2** In a certain code language, "ABROAD" is written as "DROBAA", and "ACTIVE" is written as "ETICAV". How will "BISHOP" be written in that language?

Ans ✗ 1. PSHIOB

✗ 2. PHSIBO

✓ 3. PSHIBO

✗ 4. PSHBIO

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| Question ID : **26433043497** | |
| Status : **Answered** | |
| Chosen Option : **3** | |

**Q.3** Select the option that is related to the fifth term in the same way as the second term is related to the first term and fourth term related to third term.
11:1309 :: 15: 3345 :: 7:?

Ans ✓ 1. 329

✗ 2. 333

✗ 3. 330

✗ 4. 335

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| Question ID : **26433043557** | |
| Status : **Answered** | |
| Chosen Option : **1** | |

**Q.4** Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?
FDH, IGK, LJN, OMQ, ?

Ans ✗ 1. TRP

✗ 2. PTR

✗ 3. TPR

✓ 4. RPT

| | |
|---|---|
| Question ID : **26433045159** | |
| Status : **Answered** | |
| Chosen Option : **4** | |

**Q.5** Which of the following numbers will replace the question mark (?) in the given series?
648,448,294,180,100,?

Ans ✗ 1. 42

✓ 2. 48

✗ 3. 64

✗ 4. 56

| | |
|---|---|
| Question ID : **26433043275** | |
| Status : **Answered** | |
| Chosen Option : **2** | |

**Q.6** Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
60*19*4* 94*42

Ans ✗ 1. −,+,=,−

✗ 2. −,×,=,+

✓ 3. +,×,=,+

✗ 4. −,+,=,×

| | |
|---|---|
| Question ID : **26433040221** | |
| Status : **Answered** | |
| Chosen Option : **3** | |

**Q.7** Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.
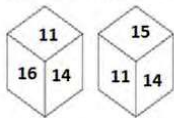
P
f j 5 W 2 r |
Q

Ans  ✗ 1. ɹſƧW2L

✔ 2. ɹ5W2jſ

✗ 3. ɾ5W2jſ

✗ 4. ɹ5W5jſ

**Q.8** Two different positions of the same dice are shown, the six faces of which are numbered from 11 to 16. Select the number that will be on the face opposite to the one showing '16'.

11
16 14

15
11 14

Ans  ✗ 1. 11

✔ 2. 15

✗ 3. 13

✗ 4. 12

**Q.9** Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.
1- Haripad
2- India
3- South-East Asia
4- Kerala
5- Asia

Ans  ✗ 1. 3,5,2,4,1

✗ 2. 5,2,3,4,1

✔ 3. 5,3,2,4,1

✗ 4. 5,3,4,2,1

**Q.10** In a certain code language, "CODE" is written as "DCEO", and "MAKE" is written as "KMEA". How will "HEAD" be written in that language?

Ans  ✔ 1. AHDE

✗ 2. ADHE

✗ 3. AEHD

✗ 4. AHED

**Q.11** Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term

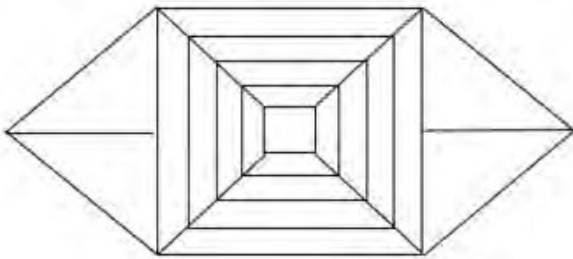5 : 7 :: ? : 271 :: 22 : 466

Ans ✗ 1. 22

✗ 2. 24

✓ 3. 17

✗ 4. 18

Question ID : 26433046011

Status : **Answered**

Chosen Option : **3**

**Q.12** Which of the following numbers will replace the question mark (?) in the given series?

7, 42, 47, ? , 191, 382

Ans ✗ 1. 180

✓ 2. 188

✗ 3. 178

✗ 4. 184

Question ID : 26433040590
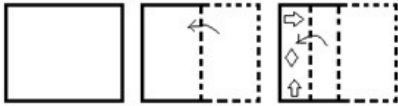
Status : **Answered**

Chosen Option : **2**

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



Ans ✗ 1. 22

✗ 2. 7

✗ 3. 6

✓ 4. 5

Question ID : 26433040523

Status : **Answered**

Chosen Option : **4**

**Q.14** A paper is folded and cut as shown below. How will it appear when unfolded?



**Ans**

 ✗ 1.

 ✔ 2.

 ✗ 3.

 ✗ 4.

**Q.15** Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

12 : 139 :: 7 : ? :: 18 : 319

**Ans** ✗ 1. 40

✗ 2. 56

✔ 3. 44

✗ 4. 52

**Q.16** If A denotes '+', B denotes '×', C denotes '−' and D denotes '÷', then what will come in place of '?' in the following equation?

92 A (121 D 11) C (6 B 3) D 2 A 7 B 8 = ?

**Ans** ✔ 1. 150

✗ 2. 158

✗ 3. 145

✗ 4. 130

**Q.17** Which letter cluster will replace the question mark (?) to complete the given series?
HMSE, BIPC, VEMA, ?

Ans  ✗ 1. PAKY

✗ 2. PBJY

✓ 3. PAJY

✗ 4. PBKY

**Q.18** एक आदमी की ओर इशारा करते हुए राधिका ने कहा- "उसके पुत्र की माँ मेरे पुत्र की बहन की बहन है।" वह व्यक्ति राधिका से किस प्रकार संबंधित है?

Ans  ✗ 1. भाई

✗ 2. ससुर

✓ 3. दामाद

✗ 4. पिता

**Q.19** Seven friends P, Q, R, S, T, U and V, each has got different marks in the board examination. P scored higher than only U and R. R scored higher than U. Q scored higher than S but lesser than T. T has not scored the highest among all. How many persons scored between Q and R?
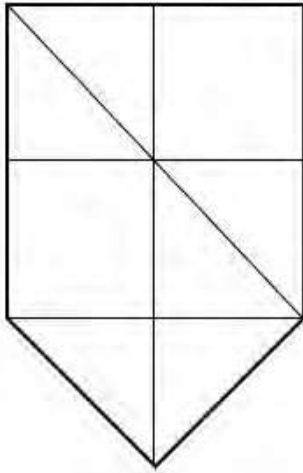
Ans  ✗ 1. 3

✓ 2. 2

✗ 3. 1

✗ 4. 0

**Q.20** Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
**5 : 117 :: 6 : 208 :: 8 : ?**

Ans  ✗ 1. 405

✗ 2. 450

✓ 3. 504

✗ 4. 540

**Q.21** How many triangles are there in the given figure?



Ans ✓ 1. 10

✗ 2. 12

✗ 3. 11

✗ 4. 9

Question ID : **26433040521**

Status : **Answered**

Chosen Option : **4**

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**Q.22** Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
INSTEAD : NISTEDA :: JUSTICE : ? :: LIBERAL : ILBERLA

Ans ✗ 1. UJTSIEC

✓ 2. UJSTIEC

✗ 3. JUTSICE

✗ 4. JUSITCE

Question ID : **26433040475**

Status : **Answered**

Chosen Option : **2**

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**Q.23** The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number-pairs EXCEPT one. Find that odd number-pair.

Ans ✗ 1. 81 : 12

✗ 2. 64 : 11

✗ 3. 100 : 13

✓ 4. 121 : 16

Question ID : **26433040358**

Status : **Answered**

Chosen Option : **4**

**Q.24** Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**
Some pots are boxes.
All stands are boxes.
Some cartons are stands.

**Conclusions:**
I. Some cartons are boxes.
II. Some cartons are pots.
III. Some pots are stands.

Ans ✘ 1. Only conclusions I and II follow

✔ 2. Only conclusion I follows

✘ 3. Only conclusions I and III follow

✘ 4. Only conclusion II follows

Question ID : **26433040739**
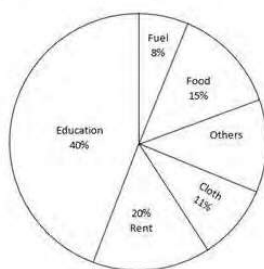Status : **Answered**
Chosen Option : **2**

**Q.25** Which of the following numbers will replace the question mark (?) in the given series?
60, 67, 81, 109, 165, ?

Ans ✘ 1. 257

✔ 2. 277

✘ 3. 286

✘ 4. 293

Question ID : **26433045224**
Status : **Answered**
Chosen Option : **2**

Section : **Quantitative Aptitude**

**Q.1** The following pie chart shows the expenditure incured by a person during a period under different heads as percentage of the total expenditure incurred by the person during the same period.



What is the ratio of the expenditure incurred by the person on food and on rent ?

Ans ✘ 1. 4:3

✘ 2. 8:3

✔ 3. 3:4

✘ 4. 5:2

Question ID : **26433045963**
Status : **Answered**
Chosen Option : **3**

**Q.2** The length of the tangent drawn to a circle of radius 12 cm from a point 18 cm away from the centre of the circle is:

Ans

✗ 1. $3\sqrt{5}$ cm

✓ 2. $6\sqrt{5}$ cm

✗ 3. $9\sqrt{5}$ cm

✗ 4. $2\sqrt{5}$ cm

Question ID : **26433039191**
Status : **Answered**
Chosen Option : **2**

**Q.3** A single discount equivement to two successive discount of 20% and 10% on the marked price of an article is

Ans

✗ 1. 18%

✓ 2. 28%

✗ 3. 24%

✗ 4. 22%

Question ID : **26433041663**
Status : **Answered**
Chosen Option : **2**

**Q.4** The average of 25 numbers is 13. If the average of the first 13 numbers is 11.5 and the average of the last 13 numbers is 14.5, then the middle number is:

Ans

✗ 1. 17

✗ 2. 19

✓ 3. 13

✗ 4. 21

Question ID : **26433039516**
Status : **Answered**
Chosen Option : **3**

**Q.5** If the volume of a cube is 64 cm$^3$, then find its total surface area.

Ans

✓ 1. 96 cm$^2$

✗ 2. 82 cm$^2$

✗ 3. 88 cm$^2$

✗ 4. 64 cm$^2$

Question ID : **26433044067**
Status : **Answered**
Chosen Option : **1**

**Q.6** If $x + y + z = 25$, $x^3 + y^3 + z^3 = 85$ and $xyz = 20$, then find the value of $x^2 + y^2 + z^2 - xy - yz - zx$.

**Ans**
  ✗ 1. 2
  ✓ 2. 1
  ✗ 3. 4
  ✗ 4. 3

**Q.7** A student's marks were incorrectly entered as 94 instead of 69. Due to this error, the average marks of the class got increased by 1.25. What is the number of students in the class?

**Ans**
  ✗ 1. 15
  ✗ 2. 25
  ✓ 3. 20
  ✗ 4. 22

**Q.8** The value of $\dfrac{\sin 4\theta}{(1 - \cos 4\theta)}$ is:

**Ans**
  ✗ 1. $\cot \theta$
  ✓ 2. $\cot 2\theta$
  ✗ 3. $\tan \theta$
  ✗ 4. $\tan 2\theta$

**Q.9** The profits earned (in crores of rupees) by the two cellular companies in five consecutive years are given in table below.

| Company \ Years | 1990-91 | 1991-92 | 1992-93 | 1993-94 | 1994-95 |
|---|---|---|---|---|---|
| A | 30 | 45 | 50 | 48 | 59 |
| B | 25 | 32 | 40 | 50 | 53 |

In which year was the difference in nominal profits earned by Company A and Company B the maximum?

**Ans**
  ✗ 1. 1993-94
  ✗ 2. 1994-95
  ✗ 3. 1992-93
  ✓ 4. 1991-92

**Q.10** Shyamal covers 1 km in 10 min, whereas Radha covers the same distance in 8 min. By what distance does Radha beat Shyamal?

Ans　✗ 1. 300 m

　　　✗ 2. 400 m

　　　✓ 3. 200 m

　　　✗ 4. 500 m

**Q.11** The sum of the first 78 natural numbers from 1 to 78 is divisible by

Ans　✓ 1. 79

　　　✗ 2. 61

　　　✗ 3. 29

　　　✗ 4. 30

**Q.12** The monthly income of two persons is in the ratio 4:5 and their expenditures are in the ratio 7:9. If each saves ₹50 per month, then their monthly incomes are:

Ans　✓ 1. ₹400; ₹500

　　　✗ 2. ₹700; ₹900

　　　✗ 3. ₹900; ₹500

　　　✗ 4. ₹400; ₹700

**Q.13** Study the given table and answer the question that follow.
The following table gives the month- wise number of different types of scooters produced by a comapny during the first six months of 1992.

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

What is the total number of scooters of all the four types taken together that was produced by the company during the first six months of 1992 ?

Ans　✓ 1. 623

　　　✗ 2. 197

　　　✗ 3. 90

　　　✗ 4. 143

**Q.14** The population of a country has been declining at 1% every decade. If the projected population of the country in 2030 is given as 1940598, what was the population of the country in 2000?

Ans  ✔ 1. 2000000

✘ 2. 1999990

✘ 3. 2000450

✘ 4. 2000616

Question ID : **26433044293**

Status : **Answered**

Chosen Option : **1**

**Q.15** Giri bought an old machine for ₹2,000 and spent ₹500 on its repair. He sold it for ₹4,000. His profit percentage is:

Ans  ✘ 1. 30%

✔ 2. 60%

✘ 3. 40%

✘ 4. 20%

Question ID : **26433039235**

Status : **Answered**

Chosen Option : **2**

**Q.16** If the length of a cuboid is 20 m, breadth is 5 m and height is 4 m, then find the length of diagonal of the cuboid.

Ans  ✘ 1. 12 m

✔ 2. 21 m

✘ 3. 18 m

✘ 4. 24 m

Question ID : **26433039546**

Status : **Answered**

Chosen Option : **2**

**Q.17** If x = 32, y = 33 and z = 35, then evaluate the expression $x^3 + y^3 + z^3 - 3xyz$.

Ans  ✘ 1. 1120

✘ 2. 1000

✘ 3. 900

✔ 4. 700

Question ID : **26433039582**

Status : **Answered**

Chosen Option : **4**

**Q.18** In what ratio must a shopkeeper mix two types of rice worth ₹60 per kg and ₹80 per kg, so that the average cost of the mixture is ₹75 per kg?

Ans  ✔ 1. 1:3

✘ 2. 1:2

✘ 3. 2:3

✘ 4. 3:2

Question ID : **26433041294**

Status : **Answered**

Chosen Option : **1**

**Q.19** A can do $\frac{1}{5}$ of the work in 3 days and B can do $\frac{1}{4}$ of the work in 7.5 days. Working together, A and B can do $\frac{4}{5}$ of the same work in:

**Ans** ✗ 1. 9 days

✗ 2. 10 days

✓ 3. 8 days

✗ 4. 12 days

Question ID : 26433041432
Status : **Answered**
Chosen Option : **3**

**Q.20** What is the value of $(1\frac{1}{4} \div 2\frac{3}{5}) \div 1\frac{7}{13}$?

**Ans** ✗ 1. $\frac{7}{16}$

✓ 2. $\frac{5}{16}$

✗ 3. $\frac{4}{13}$

✗ 4. $\frac{5}{11}$

Question ID : 26433044072
Status : **Answered**
Chosen Option : **2**

**Q.21** The monthly income of a person was Rs12,000 and his monthly expenditure was Rs10,000. In the next year, his income increased by 12% and his expenditure by 5%. Find the percentage increase in his savings.

**Ans** ✗ 1. 48%

✗ 2. 45%

✓ 3. 47%

✗ 4. 46%

Question ID : 26433042689
Status : **Answered**
Chosen Option : **3**

**Q.22** If $(x + \frac{1}{x}) = 8.5$, what is the value of $(x^2 + \frac{1}{x^2})$?

**Ans** ✓ 1. 70.25

✗ 2. 74.25

✗ 3. 72.25

✗ 4. 75.25

Question ID : 26433044329
Status : **Answered**
Chosen Option : **1**

**Q.23** A shopkeeper gives a discount of 25% on a purse. If he gives a discount of 37%, he earns ₹120 less in profit. Find the marked price.

Ans ✗ 1. ₹1,200

✓ 2. ₹1,000

✗ 3. ₹1,220

✗ 4. ₹1,500

Question ID : **26433038688**
Status : **Answered**
Chosen Option : **2**

**Q.24** The volume of a sphere is 8 times that of another sphere. What is the ratio of the surface area of the bigger sphere to that of the other?

Ans ✗ 1. 8:1

✗ 2. 1:4

✗ 3. 1: 8

✓ 4. 4:1

Question ID : **26433044362**
Status : **Answered**
Chosen Option : **4**

**Q.25** Three numbers A, B and C are in the ratio of 15 : 21 : 27. The ratio of the difference between B and A to the difference between C and B is:

Ans ✓ 1. 1 : 1

✗ 2. 42 : 43

✗ 3. 41 : 42

✗ 4. 10 : 11

Question ID : **26433039522**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

**Q.1** Which of the following countries will host the 35th Summer Olympics games in the year 2032?

Ans ✗ 1. The US

✗ 2. China

✓ 3. Australia

✗ 4. Brazil

Question ID : **26433044474**
Status : **Answered**
Chosen Option : **3**

**Q.2** As of February 2022, _____ is the youngest Flex Award winner in the field of Indian classical music instrument Pakhawaj and has joined the Ali Akbar College of Music for his research in Pakhawaj under the guidance of Padma Shri Pandit Swapan Chaudhuri.

**Ans** ✗ 1. Arijit Banerjee

✗ 2. Sukhad Munde

✓ 3. Nishant Singh

✗ 4. Rishi Shankar Upadhyaya

Question ID : **26433044597**
Status : **Not Answered**
Chosen Option : **--**

**Q.3** Who among the following is the author of the famous English classic novel 'Pride and Prejudice'?

**Ans** ✗ 1. Mark Twain

✗ 2. Jane Eyre

✗ 3. D H Lawrence

✓ 4. Jane Austen

Question ID : **26433041707**
Status : **Answered**
Chosen Option : **4**

**Q.4** Who among the following Indian Musicians and tabla players was the very first to be invited in 2016 by the then American President Barack Obama to attend the All-Star Global Concert held in the White House?

**Ans** ✗ 1. Alla Rakha

✓ 2. Zakir Hussain

✗ 3. Swapan Chaudhuri

✗ 4. Anindo Chatterjee

Question ID : **26433042308**
Status : **Not Answered**
Chosen Option : **--**

**Q.5** Padma shri Ananda Shankar Jayant, is renowned for her significant contributions to which of the following dance forms?

**Ans** ✓ 1. Bharatanatyam

✗ 2. Odissi

✗ 3. Kathakali

✗ 4. Kathak

Question ID : **26433042172**
Status : **Answered**
Chosen Option : **4**

**Q.6** Which of the following techniques can be used to separate the impurities in Milk?

**Ans** ✓ 1. Column chromatography

✗ 2. Microscopy

✗ 3. Microtomy

✗ 4. Autoclave

Question ID : **26433041811**
Status : **Answered**
Chosen Option : **1**

**Q.7** Which of the following is 'George David Roberts' thriller novel that is based on his own experience in Mumbai?

Ans   ✗ 1. Area of Darkness

      ✗ 2. Amrit Aur Vish

      ✓ 3. Shantaram

      ✗ 4. Kurukshetra

Question ID : **26433038954**
Status : **Not Answered**
Chosen Option : **--**

**Q.8** Kishori Amonkar is famous for which of the following forms of music?

Ans   ✗ 1. Bhajan singing

      ✗ 2. Ghazal singing

      ✓ 3. Hindustani classical vocals

      ✗ 4. Carnatic classical vocals

Question ID : **26433041733**
Status : **Not Answered**
Chosen Option : **--**

**Q.9** The Academic Bank of Credit (ABC) scheme, which was launched in _____ 2021, aims at facilitating the academic mobility of students, giving them the freedom to study across the higher educational institutions in India with the help of a 'credit scheme' mechanism.

Ans   ✓ 1. July

      ✗ 2. March

      ✗ 3. April

      ✗ 4. June

Question ID : **26433044398**
Status : **Not Answered**
Chosen Option : **--**

**Q.10** How many Primary Health Centres are there in rural areas of India as per 31st Macrh 2020 data?

Ans   ✗ 1. 30318

      ✗ 2. 30338

      ✗ 3. 30183

      ✓ 4. 30813

Question ID : **26433041995**
Status : **Not Answered**
Chosen Option : **--**

**Q.11** _____ is one of the taxes, where the impact lies on the person for whom it is legally imposed.

Ans   ✓ 1. Direct tax

      ✗ 2. Indirect tax

      ✗ 3. Goods and services tax

      ✗ 4. Value added tax

Question ID : **26433042046**
Status : **Not Answered**
Chosen Option : **--**

**Q.12** Mrinalini Vikram Sarabhai, the Bharatanatyam and Kathakali legend has NOT received which of the following awards?

Ans  ✗ 1. Padma Bhushan

✗ 2. Padma Shri

✓ 3. Padma Vibhushan

✗ 4. Sangeet Natak Akademi Award

Question ID : **26433041760**
Status : **Not Answered**
Chosen Option : **--**

**Q.13** In a resistor, what happens to the current when the resistance is doubled?

Ans  ✗ 1. The current gets tripled

✓ 2. The current gets halved

✗ 3. The current stops

✗ 4. The current gets doubled

Question ID : **26433039394**
Status : **Answered**
Chosen Option : **2**

**Q.14** What kind of adaptation is seen in bacteria when they form various kinds of thick-walled spor

Ans  ✗ 1. Migrate

✗ 2. Conform

✓ 3. Suspend

✗ 4. Regulate

Question ID : **26433039446**
Status : **Not Answered**
Chosen Option : **--**

**Q.15** Which is the tallest self-supporting moss species found in New Zealand that usually grows to a height of 60 cm?

Ans  ✗ 1. Entodonseductrix

✓ 2. Dawsonia superba

✗ 3. Polytrichum commune

✗ 4. Zoopsis nitida

Question ID : **26433044736**
Status : **Not Answered**
Chosen Option : **--**

**Q.16** Arjuna's Penance, a mammoth architecture with finely carved rock sculptures, serves as a venue for the Mamallapuram Dance Festival, in the backdrop of the _____.

Ans  ✓ 1. Bay of Bengal

✗ 2. Brahmaputra River

✗ 3. Godavari River

✗ 4. Indian Ocean

Question ID : **26433044624**
Status : **Not Answered**
Chosen Option : **--**

**Q.17** _____ of the Constitution deals with the amendment procedure of the Constitution.

**Ans**
  ✗ 1. Article 332

  ✗ 2. Article 363

  ✓ 3. Article 368

  ✗ 4. Article 360

Question ID : **26433042114**
Status : **Answered**
Chosen Option : **3**

**Q.18** _____ zone is generally defined as an environment with moderate rainfall throughout the year or parts of the year, with sporadic dry, mild to hot summers and cool to cold winters.

**Ans**
  ✓ 1. Temperate

  ✗ 2. Tropical

  ✗ 3. Dry

  ✗ 4. Continental

Question ID : **26433044870**
Status : **Answered**
Chosen Option : **1**

**Q.19** The Rashtriya Khel Protsahan Puruskar 2021, for the identification and nurturing of budding and young talent, was given to _____.

**Ans**
  ✗ 1. Amrita Vishwa Vidyapeetham

  ✗ 2. Manipal Academy of Higher Education

  ✓ 3. Manav Rachna Educational Institution

  ✗ 4. Amity University

Question ID : **26433044389**
Status : **Not Answered**
Chosen Option : **--**

**Q.20** Which Indian shuttler defeated World Champion Loh Kean Yew of Singapore in the Men's Singles final at the 2022 India Open?

**Ans**
  ✗ 1. Chirag Shetty

  ✗ 2. Satwiksairaj Rankireddy

  ✗ 3. Srikanth Kidambi

  ✓ 4. Lakshya Sen

Question ID : **26433042033**
Status : **Answered**
Chosen Option : **4**

**Q.21** Identify the method that is NOT used to purify organic compounds.

**Ans**
  ✗ 1. Sublimation

  ✗ 2. Crystallisation

  ✗ 3. Distillation

  ✓ 4. Sedimentation

Question ID : **26433039397**
Status : **Not Answered**
Chosen Option : **--**

**Q.22** Where is the Green Park Stadium located?

Ans ✗ 1. Rajkot

✗ 2. Bengaluru

✓ 3. Kanpur

✗ 4. Hyderabad

| | |
|---|---|
| Question ID : **26433042189** | |
| Status : **Answered** | |
| Chosen Option : **3** | |

**Q.23** 'Revenue Stamp: An Autobiography' is written by which of the following Indian poets, who was a prominent figure of Punjabi literature?

Ans ✗ 1. Anwar Masood

✗ 2. Ajit Sahni

✓ 3. Amrita Pritam

✗ 4. Mahasweta Devi

| | |
|---|---|
| Question ID : **26433042299** | |
| Status : **Answered** | |
| Chosen Option : **3** | |

**Q.24** Falguni Pathak is a renowned singer known for which of the following genres?

Ans ✗ 1. Awadhi folk songs

✗ 2. Rajasthani folk songs

✓ 3. Gujarati folk songs

✗ 4. Marathi folk songs

| | |
|---|---|
| Question ID : **26433041741** | |
| Status : **Not Answered** | |
| Chosen Option : **--** | |

**Q.25** Guru Bipin Singh was a _____ dancer awarded with Sangeet Natak Akademi Award in 1966.

Ans ✓ 1. Manipuri

✗ 2. Odissi

✗ 3. Kathakali

✗ 4. Kathak

| | |
|---|---|
| Question ID : **26433042272** | |
| Status : **Not Answered** | |
| Chosen Option : **--** | |