

## 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     | TCS Gito Bitan                 |
| Exam Date      | 02/06/2022                     |
| Exam Time      | 12:30 PM - 1:30 PM             |
| Subject        | CHSL 2021 Tier I               |

Section : English Language

**Q.1** Parts of the given sentence have been given as options. One of them contains a grammatical error. Select the option that has the error.  
When you have worked out this sum, you may went out to play.

Ans ☒ 1. When you have worked out

☒ 2. went out to play

☒ 3. this sum

☒ 4. you may

Question ID : 26433043098

Status : Answered

Chosen Option : 2

**Q.2** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.  
Going to the weekly market / in every Tuesday / is a ritual that has been followed / by generations in my family.

Ans ☒ 1. is a ritual that has been followed

☒ 2. by generations in my family

☒ 3. in every Tuesday

☒ 4. Going to the weekly market

Question ID : 26433040032

Status : Answered

Chosen Option : 3

**Q.3** Select the most appropriate ANTONYM of the given word.  
Despair

Ans ☒ 1. Vile

☒ 2. Hope

☒ 3. Annoy

☒ 4. Definite

Question ID : 26433042919

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.4** Select the INCORRECTLY spelt word.

Ans ☒ 1. Audience

☒ 2. Comprehension

☒ 3. Competence

☒ 4. Attendance

Question ID : 26433039865

Status : Answered

Chosen Option : 4

**Q.5** Select the most appropriate **ANTONYM** of the given word.  
**Wax**

- Ans** ☒ 1. Wane  
☐ 2. Mourn  
☐ 3. Error  
☐ 4. Insolent

Question ID : 26433042990

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

Chosen Option : --

**Q.6** Select the most appropriate option to substitute the underline segment in the given sentence.

It was apparent that the girl was heading into a serious disaster.

- Ans** ☐ 1. heading along  
☒ 2. heading for  
☐ 3. heading down  
☐ 4. heading out

Question ID : 26433042813

Status : **Answered**

Chosen Option : 3

**Q.7** Select the **INCORRECTLY** spelt word.

- Ans** ☒ 1. kengaroo  
☐ 2. Vivacious  
☐ 3. Ambiguous  
☐ 4. Itinerary

Question ID : 26433039055

Status : **Answered**

Chosen Option : 1

**Q.8** Select the option that can be used as a one-word substitute for the underlined group of words.

He requested the bank to give him more time as at present he was unable to pay his debts.

- Ans** ☐ 1. Destitute  
☐ 2. Meticulous  
☐ 3. Reckless  
☒ 4. Bankrupt

Question ID : 26433045571

Status : **Answered**

Chosen Option : 4

**Q.9** Select the most appropriate meaning of the given idiom.  
**Dark horse**

- Ans** ☐ 1. A person criticised  
☐ 2. Loved person  
☒ 3. An unexpected winner  
☐ 4. A champion

Question ID : 26433042947

Status : **Answered**

Chosen Option : 3

**Q.10** Select the option that expresses the given sentence in passive voice.  
The people will make him the leader.

- Ans ☒ 1. He had been made the leader by people.
- ☒ 2. He will be made the leader by the people.
- ☒ 3. He was made leader by the people.
- ☒ 4. People made him the leader.

Question ID : 26433042896  
Status : Answered  
Chosen Option : 2

**Q.11** Select the option that expresses the given sentence in passive voice.  
I know him.

- Ans ☒ 1. I am known to him.
- ☒ 2. He is known to myself.
- ☒ 3. He is known to me.
- ☒ 4. Let him be known to me.

Question ID : 26433039746  
Status : Answered  
Chosen Option : 3

**Q.12** Select the option that will improve the underlined part of the given sentence.

Mahatma Gandhi in undoubtedly one of the much popular authors of our times.

- Ans ☒ 1. best
- ☒ 2. total
- ☒ 3. most
- ☒ 4. better

Question ID : 26433042971  
Status : Answered  
Chosen Option : 3

**Q.13** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.  
Sheela is trying for a job since last year.

- Ans ☒ 1. was trying
- ☒ 2. have been trying
- ☒ 3. No substitution required
- ☒ 4. has been trying

Question ID : 26433039926  
Status : Answered  
Chosen Option : 4

Q.14 In the following passage, a word has been deleted. Read the passage carefully and select the most appropriate option to fill in the blank.  
Gifting is generally taken to be the easiest act to \_\_\_\_\_, if only you have the heart to part with something in your \_\_\_\_\_.

- Ans ☒ 1. forsake, capacity  
☒ 2. perform, possession  
☒ 3. forgive, discretion  
☒ 4. observe, control

Question ID : 26433045591  
Status : Answered  
Chosen Option : 2

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

He is a \_\_\_\_\_ in shining armour.

- Ans ☒ 1. knit  
☒ 2. nite  
☒ 3. night  
☒ 4. knight

Question ID : 26433042790  
Status : Answered  
Chosen Option : 4

Q.16 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. However, after studying the myths scientifically, only a simpleton would find them irrational or worthless.  
B. Moreover, it is wrong to analyse myths on the yardstick of their factual accuracy as they were designed to serve a greater, deeper purpose.  
C. Myths have always been regarded as a complex and intriguing aspect in human life  
D. In modern scientific world, they are essentially seen as something unscientific and meaningless.

- Ans ☒ 1. DCAB  
☒ 2. DACB  
☒ 3. ACDB  
☒ 4. CDAB

Question ID : 26433039075  
Status : Answered  
Chosen Option : 4

Q.17 Select the most appropriate meaning of the given idiom.  
Be like chalk and cheese

- Ans ☒ 1. Be absolutely lonely  
☒ 2. Be absolutely rich  
☒ 3. Be absolutely deceptive  
☒ 4. Be absolutely different

Question ID : 26433043079  
Status : Answered  
Chosen Option : 4

**Q.18** Select the most appropriate **ANTONYM** of the word 'Lead' from the given sentence.  
All the class monitors were asked to follow the guide who was there to manage and control their visit to Yamuna Biodiversity Park.

- Ans ☒ 1. Control  
☒ 2. Follow  
☒ 3. Guide  
☒ 4. Manage

Question ID : 26433045428  
Status : Answered  
Chosen Option : 2

**Q.19** Select the most appropriate option that can substitute the underlined segment in the given sentence.  
I had get back from Hyderabad last month.

- Ans ☒ 1. got back from  
☒ 2. had got back  
☒ 3. get back from  
☒ 4. had got back from

Question ID : 26433040125  
Status : Answered  
Chosen Option : 1

**Q.20** Select the most appropriate synonym of the given word.  
Salubrious

- Ans ☒ 1. Beneficial  
☒ 2. Vicarious  
☒ 3. Insidious  
☒ 4. Septic

Question ID : 26433039978  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.  
While I was sitting there (1)\_\_\_\_\_ over my failure to keep from having to spend (2) glistening \_\_\_\_\_ summer months on the freaking Cote of Azur, Grandmere started (3)\_\_\_\_\_ me from the phone. She kept (4)\_\_\_\_\_ her fingers on the phone to catch my attention. I just sat there blinking at her until finally she put her hand over the receiver and (5)\_\_\_\_\_ (so that nobody listens), "Amelia! In my bedroom, there is something for you".

**SubQuestion No : 21**

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

- Ans ☒ 1. smirking  
☒ 2. sulking  
☒ 3. grinning  
☒ 4. clapping

Question ID : 26433045797  
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.

While I was sitting there (1)\_\_\_\_\_ over my failure to keep from having to spend (2) glistering \_\_\_\_\_ summer months on the freaking Cote of Azur, Grandmere started (3)\_\_\_\_\_ me from the phone. She kept (4)\_\_\_\_\_ her fingers on the phone to catch my attention. I just sat there blinking at her until finally she put her hand over the receiver and (5)\_\_\_\_\_ (so that nobody listens), "Amelia! In my bedroom, there is something for you".

**SubQuestion No : 22**

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

Ans ☒ 1. ours

☒ 2. me

☒ 3. my

☒ 4. mine

Question ID : 26433045798

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.

While I was sitting there (1)\_\_\_\_\_ over my failure to keep from having to spend (2) glistering \_\_\_\_\_ summer months on the freaking Cote of Azur, Grandmere started (3)\_\_\_\_\_ me from the phone. She kept (4)\_\_\_\_\_ her fingers on the phone to catch my attention. I just sat there blinking at her until finally she put her hand over the receiver and (5)\_\_\_\_\_ (so that nobody listens), "Amelia! In my bedroom, there is something for you".

**SubQuestion No : 23**

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

Ans ☒ 1. disconcerting

☒ 2. beckoning

☒ 3. upsetting

☒ 4. dismissing

Question ID : 26433045799

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

Chosen Option : --

**Comprehension:**

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

While I was sitting there (1)\_\_\_\_\_ over my failure to keep from having to spend (2) glistering \_\_\_\_\_ summer months on the freaking Cote of Azur, Grandmere started (3)\_\_\_\_\_ me from the phone. She kept (4)\_\_\_\_\_ her fingers on the phone to catch my attention. I just sat there blinking at her until finally she put her hand over the receiver and (5)\_\_\_\_\_ (so that nobody listens), "Amelia! In my bedroom, there is something for you".

**SubQuestion No : 24**

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

Ans ☒ 1. piquing

☒ 2. snapping

☒ 3. peering

☒ 4. tapping

Question ID : 26433045800

Status : **Answered**

Chosen Option : 4

**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.

While I was sitting there (1)\_\_\_\_\_ over my failure to keep from having to spend (2) glistening \_\_\_\_\_ summer months on the freaking Cote of Azur, Grandmere started (3)\_\_\_\_\_ me from the phone. She kept (4)\_\_\_\_\_ her fingers on the phone to catch my attention. I just sat there blinking at her until finally she put her hand over the receiver and (5)\_\_\_\_\_ (so that nobody listens), "Amelia! In my bedroom, there is something for you".

**SubQuestion No : 25**

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

Ans ☒ 1. commended

☒ 2. cheered

☒ 3. lauded

☒ 4. hissed

Question ID : 26433045801

Status : Answered

Chosen Option : 4

**Section : General Intelligence**

**Q.1** Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row- 5, 39, 8

Second row- 7, 36, 5

Third row- 11, ?, 9

(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 /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

Ans ☒ 1. 60

☒ 2. 40

☒ 3. 50

☒ 4. 70

Question ID : 26433045260

Status : Answered

Chosen Option : 1

**Q.2** 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.

6:96 :: 8:144 :: 5:?

Ans ☒ 1. 70

☒ 2. 90

☒ 3. 85

☒ 4. 75

Question ID : 26433043289

Status : Answered

Chosen Option : 4

Q.3 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

- 1.Catalyst
- 2.Carrot
3. Calcium
4. Calculate
- 5.Calendar

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

Question ID : 26433040365

Status : Answered

Chosen Option : 3

Q.4 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:

All moons are suns.

No moon is a star.

Some stars are planets.

Conclusions:

I. Some suns are planets.

II. No sun is a star.

III. No planet is a moon.

- Ans ☐ 1. Both conclusions I and II follow.
- ☒ 2. None of the conclusions follow.
- ☐ 3. Both conclusions I and III follow.
- ☐ 4. Only conclusion II follows.

Question ID : 26433043209

Status : Answered

Chosen Option : 2

Q.5 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. 43:84
- ☐ 2. 21:40
- ☒ 3. 15:210
- ☐ 4. 19:36

Question ID : 26433043582

Status : Answered

Chosen Option : 3

Q.6 Select the correct combination of mathematical signs to replace the \* signs and to balance the given equation.

$$16*6*69*81*3$$

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

Question ID : 26433040222

Status : Answered

Chosen Option : 2



Q.7 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?  
TVX, SUW, RTV, QSU, ?

- Ans ☐ 1. TRP  
☐ 2. RPT  
☐ 3. TPR  
☒ 4. PRT

Question ID : 26433045155

Status : Answered

Chosen Option : 4

Q.8 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.  
19 : 90 :: 25 : ? :: 13 : 60

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

Question ID : 26433045023

Status : Answered

Chosen Option : 1

Q.9 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the word)  
Golf : Stick :: Cricket : ?

- Ans ☒ 1. Bat  
☐ 2. Stadium  
☐ 3. Ball  
☐ 4. Wicket

Question ID : 26433045082

Status : Answered

Chosen Option : 1

Q.10 Select the correct combination of mathematical signs to replace the \* signs and to balance the given equation.  
 $127 * 13 * 3 * 129 * 41$

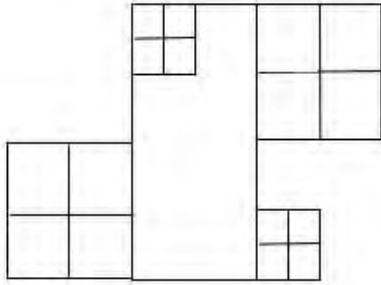
- Ans ☐ 1. +, =, +, -  
☒ 2. -, x, =, -  
☐ 3. +, -, =, -  
☐ 4. -, -, =, +

Question ID : 26433040202

Status : Answered

Chosen Option : 2

Q.11 How many squares are there in the given figure?



- Ans
- ☐ 1. 37
  - ☐ 2. 21
  - ☐ 3. 36
  - ☒ 4. 20

Question ID : 26433040525  
Status : Answered  
Chosen Option : 4

Q.12 If A denotes '+', B denotes 'x', C denotes '-' and D denotes '÷', then what will come in place of '?' in the following equation?  
17 A (31 B 3) C (64 D 8) A 41 C (21 B 4) = ?

- Ans
- ☐ 1. 69
  - ☒ 2. 59
  - ☐ 3. 61
  - ☐ 4. 55

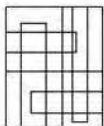
Question ID : 26433043341  
Status : Answered  
Chosen Option : 2

Q.13 In a certain code language, 'MOTHER' is written as 'LNSGIV' and 'FATHER' is written as 'ZUSGIV'. How will 'WONDER' be written in that language?

- Ans
- ☐ 1. DLWMIV
  - ☐ 2. DLMWIV
  - ☒ 3. LDWMIV
  - ☐ 4. LDMWVI

Question ID : 26433040299  
Status : Answered  
Chosen Option : 3

**Q.14** Select the option that is embedded in the given figure as its part (rotation is NOT allowed).



**Ans**

☒ 1.



☒ 2.



☒ 3.



☒ 4.

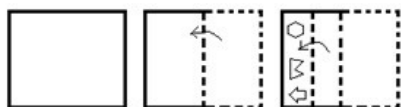


Question ID : 26433040172

Status : Answered

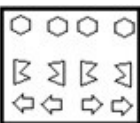
Chosen Option : 3

**Q.15** A paper is folded and cut as shown below. How will it appear when unfolded?

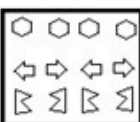


**Ans**

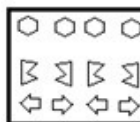
☒ 1.



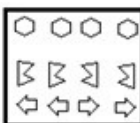
☒ 2.



☒ 3.



☒ 4.



Question ID : 26433044963

Status : Answered

Chosen Option : 3

**Q.16** Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

t y k 4 7 2

M  
|  
N

Ans

- ☒ 1. 2 7 4 k y t
- ☒ 2. 2 7 4 k y t
- ☒ 3. 2 7 4 k y t
- ☒ 4. 2 7 4 k y t

Question ID : 26433040537

Status : Answered

Chosen Option : 2

**Q.17** Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

A 7 t 9 C K

P  
|  
Q

Ans

- ☒ 1. K 9 6 t 7 A
- ☒ 2. K 9 e t 7 A
- ☒ 3. K 9 e t 7 A
- ☒ 4. K 9 6 t 7 A

Question ID : 26433045021

Status : Answered

Chosen Option : 3

**Q.18** Select the correct combination of mathematical signs to replace the \* signs and to balance the given equation.  
99\*25\*10\*12\*7

Ans

- ☒ 1. -, =, +, x
- ☒ 2. +, =, +, x
- ☒ 3. -, +, =, x
- ☒ 4. -, =, +, +

Question ID : 26433040201

Status : Answered

Chosen Option : 3

**Q.19** If 31 December 2009 was Thursday, then what was the day of the week on 25 December 2010?

Ans

- ☒ 1. Monday
- ☒ 2. Sunday
- ☒ 3. Saturday
- ☒ 4. Tuesday

Question ID : 26433040681

Status : Answered

Chosen Option : 3

Q.20 Select the correct combination of mathematical signs to sequentially replace the \* signs and to balance the given equation.  
 $16*4*8*10*2*43$

- Ans ☐ 1.  $\div, \times, -, +, =$   
☐ 2.  $\div, \times, +, -, =$   
☐ 3.  $\times, \div, -, +, =$   
☒ 4.  $+, \times, -, \div, =$

Question ID : 26433040609

Status : Answered

Chosen Option : 4

Q.21 In a certain code language, 'ACTOR' is written as '136812' and 'HEROINE' is written as '95128745'. How will 'HERO' be written in that language?

- Ans ☒ 1. 95128  
☐ 2. 95768  
☐ 3. 95218  
☐ 4. 95378

Question ID : 26433045047

Status : Answered

Chosen Option : 1

Q.22 Which of the following numbers will replace the question mark (?) in the given series?  
314, 285, 308, ?, 306, 293, 304

- Ans ☐ 1. 277  
☐ 2. 298  
☐ 3. 287  
☒ 4. 289

Question ID : 26433045223

Status : Answered

Chosen Option : 4

Q.23 Which letter-cluster will replace the question mark (?) to complete the given series?  
CIEO, JAAU, QSWA, XKSE, ?

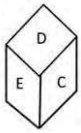
- Ans ☐ 1. FCOI  
☒ 2. ECOI  
☐ 3. ECRI  
☐ 4. FCRI

Question ID : 26433045993

Status : Answered

Chosen Option : 2

**Q.24** Two different positions of the same dice are shown, the six faces of which are marked from A to F. Select the letter that will be on the face opposite to the one showing 'D'.



**Ans** ☒ 1. F

☒ 2. C

☒ 3. B

☒ 4. E

Question ID : 26433040405

Status : Answered

Chosen Option : 1

**Q.25** Select the option that is related to the fifth word in the same way as the second word is related to the first word and the fourth word is related to the third word. (The words must be considered as meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the word)  
Elephant : Trunk :: Fish : Gill :: Kangaroo : ?

**Ans** ☒ 1. Antlers

☒ 2. Pouch

☒ 3. Blowhole

☒ 4. Muzzle

Question ID : 26433045093

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Section : Quantitative Aptitude

**Q.1** Ruksana travelled at 60 km/h while going from point A to point B, and returned via the same route at a different speed. If Ruksana's overall average speed during the two-way journey was 48 km/h, what was her speed while travelling from B to A?

**Ans** ☒ 1. 42 km/h

☒ 2. 40 km/h

☒ 3. 45 km/h

☒ 4. 36 km/h

Question ID : 26433044273

Status : Answered

Chosen Option : 2

**Q.2** What distance will be covered by a bus moving at 108 km/h in 40 seconds?

**Ans** ☒ 1. 1 km 600 m

☒ 2. 1 km 400 m

☒ 3. 1 km 800 m

☒ 4. 1 km 200 m

Question ID : 26433041673

Status : Answered

Chosen Option : 4

Q.3 An arc on a circle that is 15 cm long subtends a  $24^\circ$  angle at the centre. What is the circumference of the circle?

- Ans
- ☒ 1. 240 cm
  - ☒ 2. 220 cm
  - ☒ 3. 236 cm
  - ☒ 4. 225 cm

Question ID : 26433043978  
Status : Answered  
Chosen Option : 4

Q.4 The ratio of the radii of two right circular cylinders is 2 : 3. If their heights are in the ratio 5 : 3, find the ratio of their volumes.

- Ans
- ☒ 1. 16 : 19
  - ☒ 2. 3 : 4
  - ☒ 3. 3 : 1
  - ☒ 4. 20 : 27

Question ID : 26433044063  
Status : Answered  
Chosen Option : 4

Q.5 An article is sold at a discount of 10% and an additional discount of 40% is allowed on cash payment. If Anita purchased an article by paying ₹2,700 in cash, the marked price of the article was:

- Ans
- ☒ 1. ₹5,000
  - ☒ 2. ₹2,500
  - ☒ 3. ₹2,000
  - ☒ 4. ₹5,500

Question ID : 26433039238  
Status : Answered  
Chosen Option : 1

Q.6 A dealer allows his customers a discount of 15% and still gains 15%. If an article cost ₹2,500 to the dealer, then its marked price is (correct to nearest integer):

- Ans
- ☒ 1. ₹3,382
  - ☒ 2. ₹4,382
  - ☒ 3. ₹1,312
  - ☒ 4. ₹3,182

Question ID : 26433039165  
Status : Answered  
Chosen Option : 1

Q.7 The lengths of a pair of parallel sides of a trapezium are 20 cm and 25 cm, respectively, and the perpendicular distance between these two sides is 14 cm. What is the area (in  $\text{cm}^2$ ) of the trapezium?

- Ans
- ☒ 1. 512
  - ☒ 2. 250
  - ☒ 3. 300
  - ☒ 4. 315

Question ID : 26433038636  
Status : Answered  
Chosen Option : 4

Q.8 The average of six integers is 48. The average of the first five integers is 70% of the sixth integer. The sixth integer is.

Ans ☒ 1. 64

☐ 2. 62

☐ 3. 68

☐ 4. 58

Question ID : 26433041418

Status : Answered

Chosen Option : 1

Q.9 Two numbers X and Y are such that the sum of 18% of X and 8% of Y is one-third of the sum of 22% of X and 36% of Y. Find the ratio of X and Y.

Ans ☐ 1. 2 : 5

☐ 2. 3 : 11

☒ 3. 3 : 8

☐ 4. 8 : 3

Question ID : 26433038682

Status : Answered

Chosen Option : 3

Q.10 Simplify the following expression.

$$79 - [6 - \{4 - (8 \times (6+3))\}] \div 2$$

Ans ☐ 1. 11.5

☐ 2. 2.5

☐ 3. 37

☒ 4. 42

Question ID : 26433041652

Status : Answered

Chosen Option : 4

Q.11 Find  $\theta$ , if  $\cos \theta = -\frac{\sqrt{3}}{2}$ .

Ans ☐ 1.  $\frac{3\pi}{2}$

☒ 2.  $\frac{5\pi}{6}$

☐ 3.  $\frac{2\pi}{3}$

☐ 4.  $\frac{4\pi}{3}$

Question ID : 26433042740

Status : Answered

Chosen Option : 2



Q.12 What is the compound interest on ₹10,625 for 2 years at 8% interest per annum, if interest is compounded annually?

Ans ☒ 1. ₹1,768

☐ 2. ₹1,698

☐ 3. ₹1,625

☐ 4. ₹1,528

Question ID : 26433038876

Status : Answered

Chosen Option : 1

Q.13 The smallest four-digit number which is divisible by 4, 8, 12 and 16 is:

Ans ☐ 1. 1010

☒ 2. 1008

☐ 3. 1006

☐ 4. 1012

Question ID : 26433042681

Status : Answered

Chosen Option : 2

Q.14 If  $(x - \frac{1}{x}) = 7.5$ , what is the value of  $(x^2 + \frac{1}{x^2})$ ?

Ans ☐ 1. 54.25

☒ 2. 58.25

☐ 3. 60.25

☐ 4. 56.25

Question ID : 26433043991

Status : Answered

Chosen Option : 2

Q.15 Which among the below option can be a square root of?

$$(x^2 - 14x + 49)(x^2 + 6x + 9)$$

Ans ☐ 1.  $(x-4)(x+9)$

☐ 2.  $(x-1)(x+17)$

☒ 3.  $(x-7)(x+3)$

☐ 4.  $(x-3)(x+8)$

Question ID : 26433044379

Status : Answered

Chosen Option : 3

Q.16 If  $(x^3 + y^3)^{\frac{2}{3}} = (x^2 + y^2)$ , then the value of  $\frac{x^2 + y^2}{xy}$   $x \neq 0, y \neq 0$ , is:

Ans

✓ 1.  $\frac{2}{3}$

✗ 2.  $x^2 + y$

✗ 3. 1

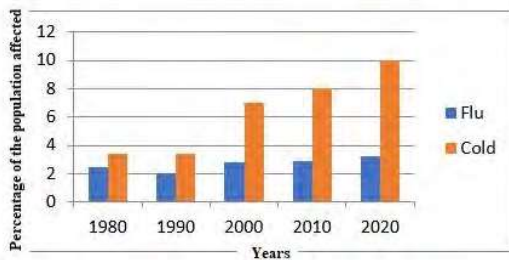
✗ 4.  $x + y^2$

Question ID : 26433041457

Status : Answered

Chosen Option : 1

Q.17 Study the given graph and answer the following question.



As per data available above in which of the given years was the percentage of the population affected by cold the minimum?

Ans ✗ 1. 1980

✓ 2. 1990

✗ 3. 2010

✗ 4. 2000

Question ID : 26433045941

Status : Answered

Chosen Option : 1

**Q.18** Study the given table and answer the question that follows.

Given that the total number of students is 100.

| Subject | Marks out of 100 |              |              |              |             |
|---------|------------------|--------------|--------------|--------------|-------------|
|         | 80 and above     | 60 and above | 40 and above | 20 and above | 0 and above |
| A       | 9                | 31           | 81           | 92           | 100         |
| B       | 4                | 20           | 67           | 81           | 100         |
| C       | 7                | 26           | 74           | 87           | 100         |

The number of students who scored less than 80% marks in A is:

Ans  1. 73

 2. 83

 3. 91

 4. 71

Question ID : 26433044184

Status : Answered

Chosen Option : 3

**Q.19** A man sold a radio set and gained one-eighth of its cost price. What is the profit percent?

Ans  1. 20%

 2. 12.5%

 3. 15.5%

 4. 18%

Question ID : 26433038619

Status : Answered

Chosen Option : 2


**Q.20** The table below gives the percentage of females and males in different professions, out of total 10000 people.

| Profession  | % of People | % of males | % of females |
|-------------|-------------|------------|--------------|
| Teaching    | 20          | 50         | 50           |
| Law         | 15          | 65         | 35           |
| Medical     | 20          | 60         | 40           |
| Engineering | 24          | 55         | 45           |
| Banking     | 21          | 52         | 48           |

On the basis of the information provided in the table, find the total number of males who are in the teaching profession.

Ans  1. 1000

 2. 2000

 3. 500

 4. 1500

Question ID : 26433045960

Status : Answered

Chosen Option : 1

Q.21 The radius of a hemispherical bowl is given as 7 cm. What is the capacity of the bowl? ( $\pi = \frac{22}{7}$ )

Ans

☒ 1.  $718\frac{2}{3} \text{ cm}^3$

☐ 2.  $812\frac{1}{3} \text{ cm}^3$

☐ 3.  $618\frac{1}{3} \text{ cm}^3$

☐ 4.  $518\frac{2}{3} \text{ cm}^3$

Question ID : 26433044129

Status : Answered

Chosen Option : 1

Q.22 A pipe can fill a tank in 15 hours. Due to leakage in the bottom it is filled in 20 hours. If the tank is full, and the pipe is closed, how much time will the leak take to empty the entire tank?

Ans

☒ 1. 60 hrs

☐ 2. 50 hrs

☐ 3. 40 hrs

☐ 4. 30 hrs

Question ID : 26433042450

Status : Answered

Chosen Option : 1

Q.23 Find the 4<sup>th</sup> proportional to 5, 10 and 12.

Ans

☐ 1. 8

☒ 2. 24

☐ 3. 48

☐ 4. 20

Question ID : 26433039243

Status : Answered

Chosen Option : 2

Q.24 A man borrowed some money and returned it in two equal instalments of ₹3,025 each. If the rate of interest is 10% per annum, compound annually, find the sum borrowed.

Ans

☐ 1. ₹5,575

☐ 2. ₹6,250

☐ 3. ₹6,525

☒ 4. ₹5,250

Question ID : 26433038877

Status : Answered

Chosen Option : 4

Q.25 In an election between two candidates, one of the candidates secured 35% of the votes cast and was defeated by the other candidate by 1296 votes. If there were no invalid votes, then the total number of votes polled was:

- Ans ☒ 1. 4546  
☒ 2. 4230  
☒ 3. 4456  
☒ 4. 4320

Question ID : 26433039520  
Status : Answered  
Chosen Option : 4

Section : General Awareness

Q.1 Which of the following instruments is played by P Mani Iyer?

- Ans ☒ 1. Sarangi  
☒ 2. Violin  
☒ 3. Mridangam  
☒ 4. Mandolin

Question ID : 26433041928  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.2 Who among the following authors won the Kamaladevi Chattopadhyay NIF Book Prize in the year 2019?

- Ans ☒ 1. Ornit Shani  
☒ 2. Jairam Ramesh  
☒ 3. Milan Vaishnav  
☒ 4. Dinyar Patel

@Qmaths

Question ID : 26433039003  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.3 The election of the next Vice-President is to be held within \_\_\_\_\_ of the expiry of the term of office of the outgoing Vice-President.

- Ans ☒ 1. 90 days  
☒ 2. 60 days  
☒ 3. 120 days  
☒ 4. 75 days

Question ID : 26433042109  
Status : Marked For Review  
Chosen Option : 1

Q.4 In the Jayamma vs state of \_\_\_\_\_ case, in May 2021, the Supreme Court observed that dying declarations are admissible in evidence on the principle of necessity, as there is little hope of the maker surviving.

- Ans ☒ 1. Andhra Pradesh  
☒ 2. Karnataka  
☒ 3. Tamil Nadu  
☒ 4. Kerala

Question ID : 26433044415

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.5 Which method of calculating the national income is also known as 'Industrial Origin Method'?

- Ans ☒ 1. Expenditure Method  
☒ 2. Income Method  
☒ 3. Value Added Method  
☒ 4. Monetary Measures Method

Question ID : 26433042151

Status : Marked For Review

Chosen Option : 1

Q.6 The famous folk musician Bhupen Hazarika belongs to which of the following states?

- Ans ☒ 1. Assam  
☒ 2. Odisha  
☒ 3. Madhya Pradesh  
☒ 4. Karnataka

Question ID : 26433038826

Status : Marked For Review

Chosen Option : 1

Q.7 Ustad Amjad Ali Khan, a renowned musician from India is known for playing which of the following instruments?

- Ans ☒ 1. Sarod  
☒ 2. Jaltarang  
☒ 3. Sarangi  
☒ 4. Veena

Question ID : 26433041713

Status : Marked For Review

Chosen Option : 3

Q.8 Which of the following dance forms is performed by Guru Vempati Chinna Satyam?

- Ans ☒ 1. Manipuri  
☒ 2. Odissi  
☒ 3. Bharatanatyam  
☒ 4. Kuchipudi

Question ID : 26433041962

Status : Marked For Review

Chosen Option : 3

Q.9 Modhera Dance Festival is an annual cultural phenomenon in the \_\_\_\_\_ district of the state of Gujarat.

- Ans ☒ 1. Junagadh  
☒ 2. Mehsana  
☒ 3. Amreli  
☒ 4. Anand

Question ID : 26433044625

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.10 How many passenger trains are there as per 2021 data?

- Ans ☒ 1. 19169  
☒ 2. 11169  
☒ 3. 13169  
☒ 4. 16169

Question ID : 26433042004

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.11 Kalamandalam Kshemavathy Pavithran was conferred the Padma Shri award for her contribution to which of the following dance forms?

- Ans ☒ 1. Kuchipudi  
☒ 2. Bharatanatyam  
☒ 3. Kathak  
☒ 4. Mohiniyattam

Question ID : 26433044450

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.12 Which of the following novels is written by Kiran Desai?

- Ans ☒ 1. The Ministry of Utmost Happiness  
☒ 2. The Inheritance of Loss  
☒ 3. Midnight's Children  
☒ 4. The Golden House

Question ID : 26433042224

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.13 C V Chandra Shekhar was conferred the Padma Bhushan for his contributions to which of the following forms of Dance?

- Ans ☒ 1. Bharatanatyam  
☒ 2. Kathakali  
☒ 3. Manipuri  
☒ 4. Kathak

Question ID : 26433042173

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.14 In 1857, who was the first to experimentally demonstrate that the yeast responsible for making alcohol from sugar, and contaminating microorganisms found in normal air, could sour fermentation?

- Ans ☐ 1. Alexander Fleming
- ☒ 2. Louis Pasteur
- ☐ 3. Fanny Hesse
- ☐ 4. Martinus Willem Beijerinck

Question ID : 26433044779

Status : Marked For Review

Chosen Option : 1

Q.15 Which of the following Carnatic instruments is performed by Rajna Swaminathan?

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

Question ID : 26433041948

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.16 Who among the following sportspersons is one of the Arjuna Award 2021 winners?

- Ans ☐ 1. Vikas Kumar
- ☒ 2. Nishad Kumar
- ☐ 3. Bajrang Punia
- ☐ 4. P V Sindhu

Question ID : 26433041854

Status : Marked For Review

Chosen Option : 3

Q.17 Which phylum of the plant kingdom consists of vascular plants, leaves (known as fronds), roots and sometimes true stems and entire trunks in tree ferns?

- Ans ☐ 1. Angiosperm
- ☒ 2. Pteridophyta
- ☐ 3. Bryophyta
- ☐ 4. Gymnosperm

Question ID : 26433044832

Status : Marked For Review

Chosen Option : 3

Q.18 Who observed that in a mixture of non-reactive gases, the total gas pressure is equal to the sum of the partial pressures of the individual gases?

- Ans ☐ 1. Antoine Lavoisier
- ☒ 2. John Dalton
- ☐ 3. Amedeo Avogadro
- ☐ 4. Robert Boyle

Question ID : 26433044725

Status : Marked For Review

Chosen Option : 4



Q.19 Which cycle shows the movement of water?

- Ans
- ☐ 1. Carbon cycle
  - ☐ 2. Nitrogen cycle
  - ☐ 3. Geological cycle
  - ☒ 4. Hydrological cycle

Question ID : 26433039476

Status : Marked For Review

Chosen Option : 4

Q.20 Which of the following pairs is NOT correctly matched?

- Ans
- ☒ 1. Arun Jaitley cricket stadium - Bengaluru
  - ☐ 2. Bharat Ratna Atal Bihari Vajpayee Cricket Stadium - Lucknow
  - ☐ 3. Narendra Modi cricket stadium - Ahmedabad
  - ☐ 4. Eden Garden - Kolkata

Question ID : 26433044495

Status : Marked For Review

Chosen Option : 2

Q.21 The autobiography 'My Experiments with Truth' was originally written in which language?

- Ans
- ☐ 1. English
  - ☐ 2. Bengali
  - ☒ 3. Gujarati
  - ☐ 4. Marathi

Question ID : 26433044680

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.22 Who among the following secured one of the two silver medals for India at the Tokyo Olympics 2020?

- Ans
- ☒ 1. Ravi Kumar Dahiya
  - ☐ 2. Sushil Kumar
  - ☐ 3. Bajrang Punia
  - ☐ 4. KD Jadhav

Question ID : 26433041862

Status : Marked For Review

Chosen Option : 3

Q.23 Which chemical compound is composed of magnesium, sulphur and oxygen and is commonly used in detox bath to relax muscles and relieve pain in the shoulders, neck, back and scalp?

- Ans
- ☒ 1. Epsom salt
  - ☐ 2. Potash alum
  - ☐ 3. Rock salt
  - ☐ 4. Glauber's salt


Question ID : 26433044816

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.24 The term 'dribble' is used in which of the following sports?

Ans  1. Basketball

 2. Baseball

 3. Badminton

 4. Tennis

Question ID : 26433044514


Status : Marked For Review

Chosen Option : 1

Q.25 Which climate zone has an average temperature of over 64°F (18°C) throughout the year and more than 59 inches of rainfall each year?

Ans  1. Tropical zone

 2. Temperate zone

 3. Dry zone

 4. Continental zone

Question ID : 26433044782

Status : Not Attempted and  
Marked For Review

Chosen Option : --