

## Combined Higher Secondary Level Examination 2021 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Headway IT services Mangal Compound Dewas Naka
Exam Date	30/05/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL 2021 Tier I

Section : English Language

**Q.1** Select the option that will improve the underlined part of the given sentence.  
The South Indian dish was approved by the guests as it was tasty.

- Ans ☒ 1. accepted by the visitors  
☒ 2. gratified by the visitors  
☒ 3. doomed by the visitors  
☒ 4. condemned by the visitors

@Qmaths

Question ID : 26433045394  
Status : Answered  
Chosen Option : 2

**Q.2** Select the most appropriate option to fill in the blank.  
She's been off work with \_\_\_\_\_ stomach.

- Ans ☒ 1. an upset  
☒ 2. an overset  
☒ 3. an agitated  
☒ 4. a perturbed

Question ID : 26433043177  
Status : Answered  
Chosen Option : 4

**Q.3** Select the most appropriate option to fill in the blank.  
Rohan is \_\_\_\_\_ self-sufficient man who needs no assistance.

- Ans ☒ 1. in  
☒ 2. a  
☒ 3. the  
☒ 4. of

Question ID : 26433042910  
Status : Answered  
Chosen Option : 3

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

- Ans ☒ 1. Correspondence  
☒ 2. Campaign  
☒ 3. Experiment  
☒ 4. Accommodation

Question ID : 26433039864  
Status : Answered  
Chosen Option : 4

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**Q.5** Select the most appropriate meaning of the highlighted idiom.  
My friend was playing the devil's advocate in the discussion.

- Ans ☒ 1. One who is composed at all times
- ☒ 2. One who argues against something just for the sake of arguing
- ☒ 3. One who is good at judgement
- ☒ 4. One who pits the culprit against the lawyer

Question ID : 26433045501  
Status : Answered  
Chosen Option : 4

**Q.6** Select the most appropriate ANTONYM of the given word.

Suffice

- Ans ☒ 1. Excessed
- ☒ 2. Immatured
- ☒ 3. Satirize
- ☒ 4. Dissatisfy

Question ID : 26433040001  
Status : Answered  
Chosen Option : 4

**Q.7** Select the most appropriate synonym of the given word.  
Opulence

- Ans ☒ 1. View
- ☒ 2. Sagacity
- ☒ 3. Recognition
- ☒ 4. Prosperity

Question ID : 26433039973  
Status : Answered  
Chosen Option : 4

**Q.8** Select the most appropriate meaning of the given idiom.  
Back out

- Ans ☒ 1. To stand out
- ☒ 2. To move backwards
- ☒ 3. To withdraw from
- ☒ 4. To pull over

Question ID : 26433042933  
Status : Answered  
Chosen Option : 3

**Q.9** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.  
Suchitra will have / to wait another month / before she received / any reply to her letter.

- Ans ☒ 1. any reply to her letter
- ☒ 2. to wait another month
- ☒ 3. Suchitra will have
- ☒ 4. before she received

Question ID : 26433039731  
Status : Answered  
Chosen Option : 2

Q.10 Select the most appropriate option that can substitute the underlined segment in the given sentence.

My mom told me to have cleaning up the kitchen before I go outside.

- Ans ☒ 1. to have clean out  
☒ 2. to clean up  
☒ 3. to clean over  
☒ 4. to clean out

Question ID : 26433040124  
Status : Answered  
Chosen Option : 2

Q.11 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Protocol  
☒ 2. Medal  
☒ 3. Opponents  
☒ 4. Immitate

Question ID : 26433039852  
Status : Answered  
Chosen Option : 3

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

You are so efficient as he

- Ans ☒ 1. as efficient as him  
☒ 2. far efficient as he  
☒ 3. so efficient as him  
☒ 4. also efficient as he

Question ID : 26433042969  
Status : Answered  
Chosen Option : 1

Q.13 Select the most appropriate meaning of the given idiom.

Comparing apples with oranges

- Ans ☒ 1. Calculation of proteins  
☒ 2. Comparison between two kinds of fruits  
☒ 3. To have a health issue  
☒ 4. Unequal comparisons

Question ID : 26433039783  
Status : Answered  
Chosen Option : 4

Q.14 Select the most appropriate option to fill in the blank.

Their new house costed them \_\_\_\_\_ hundred and fifty-six thousand pounds.

- Ans ☒ 1. a  
☒ 2. the  
☒ 3. an  
☒ 4. few

Question ID : 26433042908  
Status : Answered  
Chosen Option : 1



Q.15 Select the most appropriate meaning of the underlined word in the given sentence.  
The new software provides a perfect solution to the complex issues pertaining to pick up and delivery.

- Ans ☒ 1. Promoting  
☒ 2. Denying  
☒ 3. Trusting  
☒ 4. Referring

Question ID : 26433042866  
Status : Answered  
Chosen Option : 4

Q.16 Select the option that will improve the underlined part of the given sentence.  
Shrija enquired about his daughter's reputation.

- Ans ☒ 1. assessed about his daughter's strength  
☒ 2. condemned about his daughter's well-being  
☒ 3. poked about his daughter's role  
☒ 4. asked about his daughter's character

Question ID : 26433045391  
Status : Answered  
Chosen Option : 4

Q.17 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.In its most humble function, it is a necessary guide without which progress from place to place would be a ceaseless experiment; it is a sustenance without which organised society would be impossible, thus the Road moves and controls all history.  
B.The Road is one of the great fundamental institutions of mankind.  
C.It is the Road which controls the development of strategies and fixes the sites of battles. It is the Road that gives framework to all economic development. It is the Road which is the channel of all trade, and, what is more important, of all ideas.  
D.Not only is the Road one of the great human institutions because it is fundamental to social existence, but also because its varied effects appear in every department of the State. It is the Road which determines the sites of many cities and the growth and nourishment of all.

- Ans ☒ 1. BDCA  
☒ 2. DBAC  
☒ 3. CDAB  
☒ 4. ABCD

Question ID : 26433043125  
Status : Answered  
Chosen Option : 1

Q.18 Select the option that can be used as a one-word substitute for the given group of words.  
A sudden unsteady movement ; a stagger

- Ans ☒ 1. Lupin  
☒ 2. Lurch  
☒ 3. Luggar  
☒ 4. Lumen

Question ID : 26433040111  
Status : Not Answered  
Chosen Option : --

Q.19 Select the most appropriate ANTONYM of the underlined word.  
His poems are recondite in subject matter

- Ans ☒ 1. brief  
☒ 2. simple  
☒ 3. mystical  
☒ 4. obscure

Question ID : 26433042869  
Status : Answered  
Chosen Option : 1

Q.20 Select the INCORRECTLY spelt word

- Ans ☒ 1. Absolute  
☒ 2. Abscent  
☒ 3. Absorb  
☒ 4. Abstract

Question ID : 26433043087  
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.

In everyday language, the phrase 'sleepwalking' can be used (1)\_\_\_\_\_ informally and symbolically to describe a lack of energy or attention. However, for (2)\_\_\_\_\_ infants and adults, sleepwalking is a genuine disorder with serious (3)\_\_\_\_\_. Sleepwalking, also known as somnambulism, is a sleep-related behaviour condition that causes people to walk or execute other (4)\_\_\_\_\_ acts while they are still partly sleeping. It is more (5)\_\_\_\_\_ in children than in adults, and it is more likely to develop if a person has a family history of the illness, is sleep deprived or has many nightly awakenings.

SubQuestion No : 21

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

- Ans ☒ 1. neither  
☒ 2. like  
☒ 3. both  
☒ 4. to

Question ID : 26433045863  
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.  
In everyday language, the phrase 'sleepwalking' can be used (1)\_\_\_\_\_ informally and symbolically to describe a lack of energy or attention. However, for (2)\_\_\_\_\_ infants and adults, sleepwalking is a genuine disorder with serious (3)\_\_\_\_\_. Sleepwalking, also known as somnambulism, is a sleep-related behaviour condition that causes people to walk or execute other (4)\_\_\_\_\_ acts while they are still partly sleeping. It is more (5)\_\_\_\_\_ in children than in adults, and it is more likely to develop if a person has a family history of the illness, is sleep deprived or has many nightly awakenings.

**SubQuestion No : 22**

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

- Ans ☒ 1. both  
☒ 2. some  
☒ 3. few  
☒ 4. all

Question ID : 26433045864

Status : Answered

Chosen Option : 1

**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.  
In everyday language, the phrase 'sleepwalking' can be used (1)\_\_\_\_\_ informally and symbolically to describe a lack of energy or attention. However, for (2)\_\_\_\_\_ infants and adults, sleepwalking is a genuine disorder with serious (3)\_\_\_\_\_. Sleepwalking, also known as somnambulism, is a sleep-related behaviour condition that causes people to walk or execute other (4)\_\_\_\_\_ acts while they are still partly sleeping. It is more (5)\_\_\_\_\_ in children than in adults, and it is more likely to develop if a person has a family history of the illness, is sleep deprived or has many nightly awakenings.

**SubQuestion No : 23**

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

- Ans ☒ 1. impetus  
☒ 2. impulses  
☒ 3. repercussions  
☒ 4. causes

Question ID : 26433045865

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.  
In everyday language, the phrase 'sleepwalking' can be used (1)\_\_\_\_\_ informally and symbolically to describe a lack of energy or attention. However, for (2)\_\_\_\_\_ infants and adults, sleepwalking is a genuine disorder with serious (3)\_\_\_\_\_. Sleepwalking, also known as somnambulism, is a sleep-related behaviour condition that causes people to walk or execute other (4)\_\_\_\_\_ acts while they are still partly sleeping. It is more (5)\_\_\_\_\_ in children than in adults, and it is more likely to develop if a person has a family history of the illness, is sleep deprived or has many nightly awakenings.

**SubQuestion No : 24**

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

- Ans ☒ 1. comprehensive  
☒ 2. complicated  
☒ 3. compound  
☒ 4. combined

Question ID : 26433045866

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.  
In everyday language, the phrase 'sleepwalking' can be used (1)\_\_\_\_\_ informally and symbolically to describe a lack of energy or attention. However, for (2)\_\_\_\_\_ infants and adults, sleepwalking is a genuine disorder with serious (3)\_\_\_\_\_. Sleepwalking, also known as somnambulism, is a sleep-related behaviour condition that causes people to walk or execute other (4)\_\_\_\_\_ acts while they are still partly sleeping. It is more (5)\_\_\_\_\_ in children than in adults, and it is more likely to develop if a person has a family history of the illness, is sleep deprived or has many nightly awakenings.

**SubQuestion No : 25**

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

- Ans ☒ 1. triumphant  
☒ 2. prevalent  
☒ 3. swift  
☒ 4. hidden

Question ID : 26433045867  
Status : Answered  
Chosen Option : 2

Section : General Intelligence

**Q.1** In a certain code language, 'CHILD' is written as '6169248' and 'GUEST' is written as '142153840'. How will 'BOOK' be written in that language?

- Ans ☒ 1. 2303011  
☒ 2. 41522  
☒ 3. 4151522  
☒ 4. 23011

Question ID : 26433040643  
Status : Answered  
Chosen Option : 3

**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.

4 : 80 :: 7 : 392 :: 5 : ?

- Ans ☒ 1. 148  
☒ 2. 136  
☒ 3. 162  
☒ 4. 150

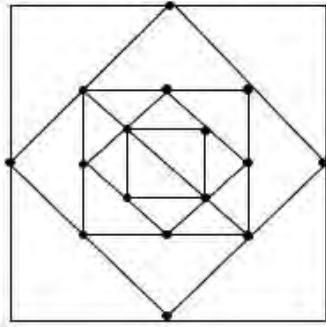
Question ID : 26433043309  
Status : Answered  
Chosen Option : 4

**Q.3** Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?  
YXZ, VUW, SRT, POQ, ?

- Ans ☒ 1. LMN  
☒ 2. MLN  
☒ 3. NML  
☒ 4. LNM

Question ID : 26433045158  
Status : Answered  
Chosen Option : 2

Q.4 How many triangles are there in the given figure?



- Ans
- ☐ 1. 25
  - ☐ 2. 28
  - ☒ 3. 24
  - ☐ 4. 22

Question ID : 26433040532  
Status : Answered  
Chosen Option : 3

Q.5 Which of the following numbers will replace the question mark (?) in the given series?  
4, 8, 5, ?, 15, 90

- Ans
- ☐ 1. 18
  - ☐ 2. 13
  - ☐ 3. 22
  - ☒ 4. 20

Question ID : 26433040572  
Status : Answered  
Chosen Option : 4

Q.6 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 the fourth term is related to the third term.  
GREATLY : ERGAYLT :: MIXTURE : XIMTERU :: TROUBLE : ?

- Ans
- ☐ 1. BORTUEL
  - ☐ 2. ORTUEBL
  - ☐ 3. TUELBOR
  - ☒ 4. ORTUELB

Question ID : 26433040275  
Status : Answered  
Chosen Option : 4

Q.7 Select the correct mirror image of the given combination when the mirror is placed at XY as shown.

X  
1 3 5 Z W T  
Y

- Ans
- ☒ 1. T W S 2 E I
  - ☐ 2. 2 E I L M Z
  - ☐ 3. L M Z S E I
  - ☐ 4. 2 E I T W S

Question ID : 26433040490  
Status : Answered  
Chosen Option : 1

Q.8 Which letter-cluster will replace the question mark (?) to complete the given series?  
NHMS, HNOU, ?, HNSY, NHUA

- Ans
- ☐ 1. HNOX
  - ☐ 2. NHSX
  - ☐ 3. HNPY
  - ☒ 4. NHQW

Question ID : 26433039023

Status : Answered

Chosen Option : 4

Q.9 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 towels are cloths.

No cloth is a blanket.

Some blankets are cushions.

Conclusions:

I. Some towels are cushions.

II. No cushion is a cloth.

III. No towel is a blanket.

- Ans
- ☒ 1. Only conclusion III follows.

- ☐ 2. Only conclusion I follows.
- ☐ 3. Both conclusions I and II follow.
- ☐ 4. Both conclusions I and III follow.

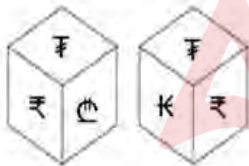
@Qmaths

Question ID : 26433043199

Status : Answered

Chosen Option : 1

Q.10 Two different positions of the same dice are shown, the six faces of which are marked as €, K, F, e, ₹, C. Select the symbol that will be on the face opposite to the one showing 'C'.



- Ans
- ☒ 1. K

- ☐ 2. e
- ☐ 3. F
- ☐ 4. €

Question ID : 26433041080

Status : Answered

Chosen Option : 1

Q.11 Select the correct combination of mathematical signs to replace the \* signs and to balance the given equation.  
 $43*11*4*71*16$

- Ans
- ☒ 1. -, =, +, ×
  - ☒ 2. =, -, +, ×
  - ☒ 3. +, ×, =, +
  - ☒ 4. -, ×, =, +

Question ID : 26433040209  
 Status : Answered  
 Chosen Option : 3

Q.12 Select the correct combination of mathematical signs to sequentially replace the \* signs and to balance the given equation.  
 $57*35*7*14*2*80$

- Ans
- ☒ 1. -, +, +, ×, =
  - ☒ 2. ×, +, +, -, =
  - ☒ 3. +, -, ×, +, =
  - ☒ 4. +, -, +, ×, =

Question ID : 26433040601  
 Status : Answered  
 Chosen Option : 1

Q.13 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. 16 : 8
  - ☒ 2. 4 : 5
  - ☒ 3. 9 : 6
  - ☒ 4. 36 : 9

Question ID : 26433040357  
 Status : Answered  
 Chosen Option : 2

Q.14 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

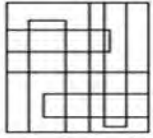
- 1.Resolve
- 2.Rodent
- 3.Resonant
- 4.Return
- 5.Respond
- 6.Rigidity

- Ans
- ☒ 1. 1, 3, 5, 4, 2, 6
  - ☒ 2. 3, 1, 5, 4, 2, 6
  - ☒ 3. 1, 3, 5, 4, 6, 2
  - ☒ 4. 1, 3, 4, 5, 6, 2

Question ID : 26433039297  
 Status : Answered  
 Chosen Option : 3

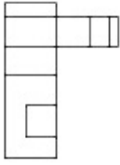


Q.15 Select the option that is embedded in the given figure as its part (rotation is NOT allowed).

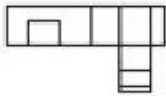


Ans

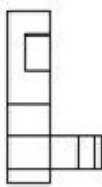
✓ 1.



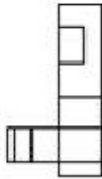
✗ 2.



✗ 3.



✗ 4.



Question ID : 26433040171

Status : Answered

Chosen Option : 1

Q.16 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. 53 : 2916

✓ 2. 41 : 1765

✗ 3. 23 : 576

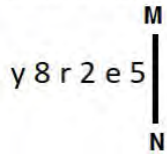
✗ 4. 19 : 400

Question ID : 26433043569

Status : Answered

Chosen Option : 2

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



- Ans
- ☒ 1. 2 e 5 r 8 y
  - ☒ 2. 5 e 5 r 8 y
  - ☒ 3. 2 e 5 r 8 y
  - ☒ 4. 2 e 2 r 8 y

Question ID : 26433040552  
Status : Answered  
Chosen Option : 3

Q.18 Which of the following numbers will replace the question mark (?) in the given series?  
13, 25, 38, 62, 88, 124, 163, 211, ?

- Ans
- ☒ 1. 253
  - ☒ 2. 263
  - ☒ 3. 235
  - ☒ 4. 236

Question ID : 26433045213  
Status : Answered  
Chosen Option : 2

Q.19 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  
7 : 58 :: ? : 370 :: 12 : 153

- Ans
- ☒ 1. 20
  - ☒ 2. 18
  - ☒ 3. 21
  - ☒ 4. 19

Question ID : 26433046004  
Status : Answered  
Chosen Option : 4

Q.20 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.

13 : 130 :: 15 : 180 :: 27 : ?

- Ans
- ☒ 1. 649
  - ☒ 2. 658
  - ☒ 3. 650
  - ☒ 4. 648

Question ID : 26433043556  
Status : Answered  
Chosen Option : 4

Q.21 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  
64 : 320 :: ? : 70 :: 22 : 110

- Ans ☒ 1. 12  
☒ 2. 14  
☒ 3. 8  
☒ 4. 17

Question ID : 26433046009  
Status : Answered  
Chosen Option : 2

Q.22 In a certain code language, 'RAIN' is written as 'MHZQ' and 'COAT' is written as 'SZNB'.  
How will 'ROLE' be written in that language?

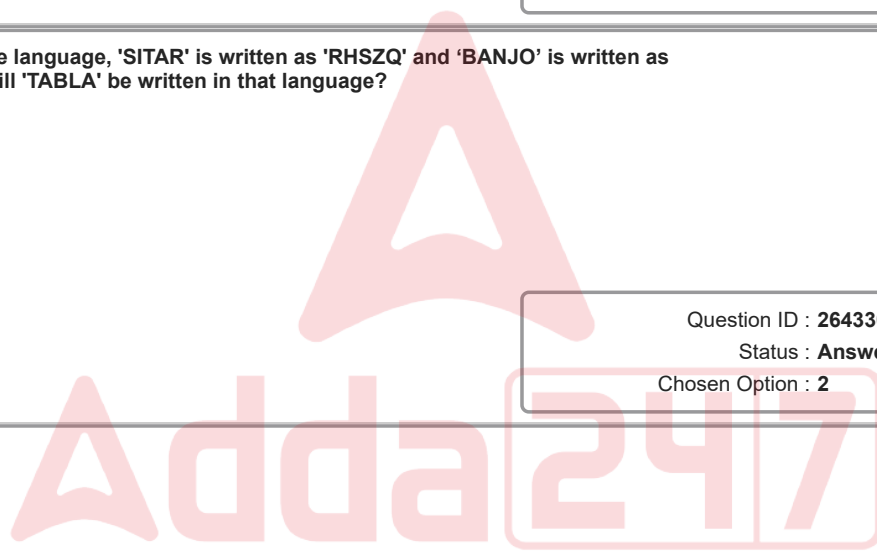
- Ans ☒ 1. DKNQ  
☒ 2. QDKN  
☒ 3. KQDN  
☒ 4. NDKQ

Question ID : 26433045072  
Status : Answered  
Chosen Option : 1

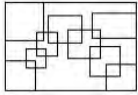
Q.23 In a certain code language, 'SITAR' is written as 'RHSZQ' and 'BANJO' is written as 'AZMIN'. How will 'TABLA' be written in that language?

- Ans ☒ 1. SAZKZ  
☒ 2. SZAKZ  
☒ 3. SZKAZ  
☒ 4. SZAZA

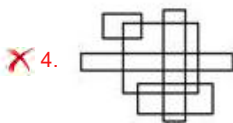
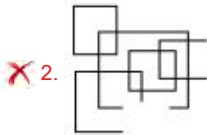
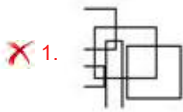
Question ID : 26433045052  
Status : Answered  
Chosen Option : 2



Q.24 Select the option figure which is embedded in the given figure as its part (rotation is NOT allowed).



Ans



Question ID : 26433040334

Status : Answered

Chosen Option : 3

Q.25 एक व्यक्ति की ओर इशारा करते हुए राहुल ने कहा- "उसके पुत्र का पुत्र मेरी माँ की पुत्री का पिता है।" वह व्यक्ति राहुल से किस प्रकार संबंधित है?

Ans

✗ 1. दादा

✗ 2. पिता के पिता का भाई

✓ 3. परदादा

✗ 4. पिता का भाई

Question ID : 26433040302

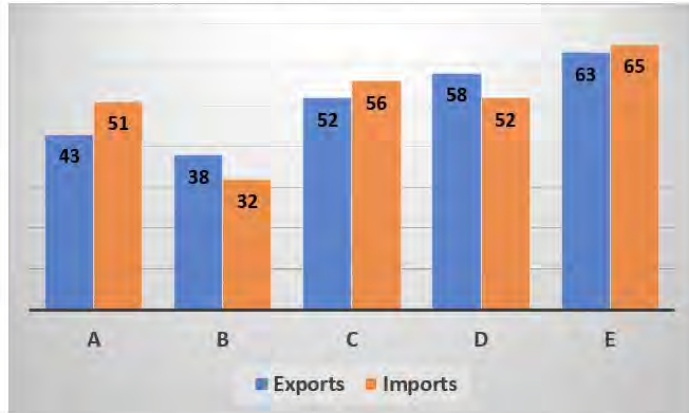
Status : Answered

Chosen Option : 3

Section : Quantitative Aptitude

Q.1 Study the given bar-graph and answer the question that follows.

The given bar-graph shows the exports and imports (in crores of rupees) of five companies in a particular financial year.



Based on the given information, the ratio of exports to imports is highest in company \_\_\_\_\_.

- Ans
- ☒ 1. A
  - ☒ 2. D
  - ☒ 3. B
  - ☒ 4. E

Question ID : 26433045958

Status : Answered

Chosen Option : 4

Q.2 The average runs scored by Sunil in 17 innings is 37. What is his score in the 17<sup>th</sup> inning, thereby, increasing his average score by 9 runs?

- Ans
- ☒ 1. 81
  - ☒ 2. 108
  - ☒ 3. 181
  - ☒ 4. 167

Question ID : 26433041656

Status : Answered

Chosen Option : 3

Q.3 In a company, there are only two types of employees: workers and officers. The average monthly salary of an officer is ₹78,000 more than the combined average monthly salary of an employee, while the combined average monthly salary of an employee is ₹42,000 more than the average monthly salary of a worker. What percentage of all the employees are officers?

- Ans
- ☒ 1. 28%
  - ☒ 2. 35%
  - ☒ 3. 30%
  - ☒ 4. 32%

Question ID : 26433043925

Status : Not Answered

Chosen Option : --

Q.4 If  $\alpha$  is an acute angle, which of the following options will NOT necessarily be equal to the value of  $\sec \alpha$ ?

Ans

- ☒ 1.  $\frac{1}{\cos \alpha}$
- ☒ 2.  $\frac{1}{\sin \alpha}$
- ☒ 3.  $\sqrt{1 + \tan^2 \alpha}$
- ☒ 4.  $\frac{\tan \alpha}{\sin \alpha}$

Question ID : 26433044319

Status : Answered

Chosen Option : 2

Q.5 What is the volume of a right circular cylinder whose curved surface area is  $12\pi \text{ cm}^2$  and the circumference of its base is  $4\pi \text{ cm}$ ?

Ans

- ☒ 1.  $48\pi \text{ cm}^3$
- ☒ 2.  $36\pi \text{ cm}^3$
- ☒ 3.  $12\pi \text{ cm}^3$
- ☒ 4.  $24\pi \text{ cm}^3$

Question ID : 26433044133

Status : Answered

Chosen Option : 3

Q.6 The curved surface area of a right circular cone of radius 28 cm is  $4664 \text{ cm}^2$ . What is the slant height of the cone? (Use  $\pi=22/7$ )

Ans

- ☒ 1. 53 cm
- ☒ 2. 56 cm
- ☒ 3. 64 cm
- ☒ 4. 48 cm

Question ID : 26433038721

Status : Answered

Chosen Option : 1

Q.7 The number 36 is increased by a certain percentage and becomes 63. Calculate that percentage.

Ans

- ☒ 1. 50%
- ☒ 2. 75%
- ☒ 3. 60%
- ☒ 4. 85%

Question ID : 26433041519

Status : Answered

Chosen Option : 2

Q.8 Find the third proportion to 16 and 24.

- Ans ☒ 1. 30  
☒ 2. 32  
☒ 3. 36  
☒ 4. 42

Question ID : 26433041426  
Status : Answered  
Chosen Option : 3

Q.9 If  $a + b = 25$ , then  $(a - 15)^3 + (b - 10)^3$  is:

- Ans ☒ 1. 125  
☒ 2. 0  
☒ 3. 625  
☒ 4. 225

Question ID : 26433039581  
Status : Not Answered  
Chosen Option : --

Q.10 If  $p^3 + 3p^2 + 3p = 26$ , then the value of  $p^2 + 2p$  is:

- Ans ☒ 1. 8  
☒ 2. 12  
☒ 3. 10  
☒ 4. 15

Question ID : 26433039585  
Status : Answered  
Chosen Option : 1

Q.11 In a triangle ABC, CA is produced to P,  $\angle BAP = 126^\circ$ .  
If  $\angle B : \angle C = 5 : 2$ , the degree measures of  $\angle B$  and  $\angle C$  are respectively:

- Ans ☒ 1.  $90^\circ$  and  $36^\circ$   
☒ 2.  $84^\circ$  and  $42^\circ$   
☒ 3.  $78^\circ$  and  $48^\circ$   
☒ 4.  $70^\circ$  and  $56^\circ$

Question ID : 26433038643  
Status : Answered  
Chosen Option : 1

Q.12 When the price of a watch was reduced by 20%, the number of watches sold is increased by 40%. What was the effect on the sales in percentage?

- Ans ☒ 1. 12% increase  
☒ 2. 30% decrease  
☒ 3. 12% decrease  
☒ 4. 30% increase

Question ID : 26433044177  
Status : Answered  
Chosen Option : 1



Q.13 Study the given table and answer the question that follows.

	Number of Tests per day per Lakh	Positive Cases	Number of Patients for Ventilators
USA	14000	12%	20%
Spain	12000	8%	12.5%
Italy	18000	15%	16%
China	16000	11%	15%

The average number of tests per day per lakh in the four countries is:

- Ans
- ☒ 1. 15400
  - ☒ 2. 15500
  - ☒ 3. 15600
  - ☒ 4. 15000

Question ID : 26433039277

Status : Answered

Chosen Option : 4

Q.14

Simplify  $\left[ \left( 5\frac{1}{2} \right)^2 - \left( 2\frac{3}{4} \right)^2 \right] \div 2\frac{3}{4}$ .

- Ans
- ☒ 1.  $8\frac{1}{4}$
  - ☒ 2.  $5\frac{1}{2}$
  - ☒ 3.  $8\frac{3}{4}$
  - ☒ 4.  $2\frac{3}{4}$

Question ID : 26433039267

Status : Answered

Chosen Option : 1

**Q.15** The given table shows the revenue, cost and tax rate for a company for a period of 6 years. The revenue and cost are given in Rs. lakhs.

Year	Revenue	Cost	Tax rate
2015	62	30	15%
2016	75	35	10%
2017	84	38	15%
2018	86	40	20%
2019	90	45	25%
2020	95	50	25%

Profit = Revenue – Cost

Profit after tax for any year = Profit for that year – Tax for that year

Tax for any year = Tax rate for that year × Profit for that year

Find the total sum (in Rs. lakhs) of profit after tax for 2015 to 2020.

**Ans** ✓ 1. 206.6

✗ 2. 192.8

✗ 3. 220.2

✗ 4. 215.3

Question ID : 26433045908

Status : Not Answered

Chosen Option : --

**Q.16** Simplify the following :  $6 \times \{6 \text{ of } (6 + 6)\} \div \{(6 \div 6) \times (600\% \text{ of } 6)\}$

**Ans** ✓ 1. 12

✗ 2. 15552

✗ 3. 108

✗ 4. 6

Question ID : 26433042551

Status : Answered

Chosen Option : 1

**Q.17** A book is sold for ₹1,554 by allowing a discount of 26% on its marked price. Find the marked price of the book.

**Ans** ✗ 1. ₹1,854

✓ 2. ₹2,100

✗ 3. ₹1,750

✗ 4. ₹2,000

Question ID : 26433038685

Status : Answered

Chosen Option : 2

**Q.18** Malay walks around a circular field at the rate of 7 rounds per hour, while Neha runs around it at the rate of 11 rounds per hour. They start in the same direction from the same point at 02:45 p.m. They shall first cross each other at:

**Ans** ✓ 1. 03:00 p.m.

✗ 2. 03:05 p.m.

✗ 3. 02:50 p.m.

✗ 4. 03:00 a.m.

Question ID : 26433038716

Status : Answered

Chosen Option : 4

Q.19 A can do a piece of work alone in 96 days and B can do it alone in 104 days. In how many days can the duo, working together, complete the work?

- Ans ☒ 1. 49.94  
☒ 2. 49.92  
☒ 3. 49.96  
☒ 4. 49.88

Question ID : 26433043959  
Status : Answered  
Chosen Option : 2

Q.20 The Earth makes a complete rotation about its axis in 24 hours. Through what angle will it turn in 3 hours 30 minutes?

- Ans ☒ 1. 60°  
☒ 2. 65°  
☒ 3. 50°  
☒ 4. 52.5°

Question ID : 26433044302  
Status : Answered  
Chosen Option : 4

Q.21 What is the compound interest on ₹20,000 for 9 months at the rate of 4% per annum, when interest is compounded quarterly?

- Ans ☒ 1. ₹610  
☒ 2. ₹606.02  
☒ 3. ₹609.05  
☒ 4. ₹605

Question ID : 26433039132  
Status : Answered  
Chosen Option : 2

Q.22 The marked price of a shirt is ₹2,150. Let two successive discounts offered by the store be 10% and 'x%'. If the selling price of the shirt is ₹1,505, then calculate the value of 'x'. [Give your answer correct to two decimal places.]

- Ans ☒ 1. 24.44%  
☒ 2. 24.24%  
☒ 3. 22.22%  
☒ 4. 22.42%

Question ID : 26433039358  
Status : Answered  
Chosen Option : 4

Q.23 Romesh opened a fixed deposits account in his bank for 3 years by depositing ₹80,000. The bank has promised to pay him compound interest annually at the rate of 7% per annum. What is the maturity value of his FDR? (Nearest to a ₹)

- Ans ☒ 1. ₹98,003  
☒ 2. ₹98,970  
☒ 3. ₹98,010  
☒ 4. ₹98,900

Question ID : 26433041641  
Status : Answered  
Chosen Option : 2

Q.24 If the number 5X8146Y is divisible by 88, then what is the value of X?

Ans ☒ 1. 3

☒ 2. 1

☒ 3. 2

☒ 4. 4

Question ID : 26433041654

Status : Answered

Chosen Option : 1

Q.25 A man bought a piece of land for ₹48,000. He sold two-fifth of it at a loss of 10%. At what gain percentage (rounded off to 1 decimal place) should he sell the remaining land to earn an overall profit of 42%?

Ans ☒ 1. 76.7%

☒ 2. 84.3%

☒ 3. 79.5%

☒ 4. 89.8%

Question ID : 26433042594

Status : Answered

Chosen Option : 1

@Qmaths

Section : General Awareness

Q.1 Ustad Bade Ghulam Ali Khan is also known as \_\_\_\_\_.

Ans ☒ 1. Sitar maestro

☒ 2. Alla Rakha

☒ 3. the Bharat Ratna recipient

☒ 4. Tansen of the 20th century

Question ID : 26433041952

Status : Not Answered

Chosen Option : --

Q.2 In which track and field event is the hop used?

Ans ☒ 1. Javelin throw

☒ 2. High jump

☒ 3. Triple jump

☒ 4. Broad jump

Question ID : 26433042186

Status : Not Answered

Chosen Option : --

Q.3 In December 2021, who among the following inaugurated the 'Bharat Darshan Park' in Delhi, which has replicas of major monuments from across the country created by a group of artists?

Ans ☒ 1. Amit Shah

☒ 2. Dharmendra Pradhan

☒ 3. Nirmala Sitharaman

☒ 4. Smriti Irani

Question ID : 26433044407

Status : Answered

Chosen Option : 1

Q.4 Which of the following books is an autobiography of the Indian novelist Khushwant Singh?

- Ans ☒ 1. My Confession  
☒ 2. Truth, Love & A Little Malice  
☒ 3. My Story  
☒ 4. My Autobiography

Question ID : 26433038989  
 Status : Answered  
 Chosen Option : 1

Q.5 A batsman can be given out in \_\_\_\_\_ ways.

- Ans ☒ 1. 6  
☒ 2. 8  
☒ 3. 10  
☒ 4. 5

Question ID : 26433044503  
 Status : Not Answered  
 Chosen Option : --

Q.6 The Sangeet Natak Akademi is a body working under which of the following ministries of the Government of India?

- Ans ☒ 1. Ministry of Education  
☒ 2. Ministry of Home Affairs  
☒ 3. Ministry of Culture  
☒ 4. Ministry of Tourism

Question ID : 26433042274  
 Status : Answered  
 Chosen Option : 3

Q.7 In cell biology, what is a large double-membraned organelle that is sometimes referred to as the 'central unit' of the cell because it contains the chromosomes that bear genetic material?

- Ans ☒ 1. Peroxisome  
☒ 2. Nucleus  
☒ 3. Mitochondrion  
☒ 4. Lysosome

Question ID : 26433044844  
 Status : Answered  
 Chosen Option : 2

Q.8

Match the column A with column B.

Column-A (vitamin)	Column-B (Source)
i. Vitamin A	a. Carrot, mango, papaya
ii. Vitamin B	b. Whole grain bread and nuts
iii. Vitamin C	c. Citrus fruits, red and green pepper
iv. Vitamin D	d. Egg yolk, soya product

- Ans
- ☒ 1. i - b, ii - a, iii - c, iv - d
- ☒ 2. i - c, ii - b, iii - d, iv - a
- ☒ 3. i - b, ii - c, iii - a, iv - d
- ☒ 4. i - a, ii - b, iii - c, iv - d

Question ID : 26433041800

Status : Answered

Chosen Option : 4

Q.9 Lemon juice contains \_\_\_\_\_ which when mixed with baking soda reacts to form carbon dioxide and sodium citrate causing the liquid to fizz and bubble.

- Ans
- ☒ 1. acetic acid
- ☒ 2. formic acid
- ☒ 3. citric acid
- ☒ 4. tartaric acid

Question ID : 26433044862

Status : Answered

Chosen Option : 3

Q.10 Rukmini Devi Arundale, awarded with Sangeet Natak Akademi Award in 1957, was a \_\_\_\_\_ dancer.

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

Question ID : 26433042278

Status : Answered

Chosen Option : 1

Q.11 'The Private life of an Indian Prince' is a novel written by whom among the following authors?

- Ans ☒ 1. Mulk Raj Anand  
☒ 2. Ruskin Bond  
☒ 3. R K Narayanan  
☒ 4. Arvind Adiga

Question ID : 26433042159  
 Status : Answered  
 Chosen Option : 3

Q.12 The valleys lying between the lesser Himalayas and Shivaliks are called:

- Ans ☒ 1. Duars  
☒ 2. Tehri  
☒ 3. Terai  
☒ 4. Duns

Question ID : 26433039660  
 Status : Answered  
 Chosen Option : 4

Q.13 When was the Lalit Kala Akademi established?

- Ans ☒ 1. 1965  
☒ 2. 1956  
☒ 3. 1951  
☒ 4. 1954

Question ID : 26433038835  
 Status : Answered  
 Chosen Option : 4

Q.14 The micro finance movement in India was formally launched on a pilot basis by the \_\_\_\_\_ in \_\_\_\_\_.

- Ans ☒ 1. National Bank for Agriculture and Rural Development (NABARD); 1992  
☒ 2. National Bank for Agriculture and Rural Development (NABARD); 1994  
☒ 3. Small Industries Development Bank of India (SIDBI); 1994  
☒ 4. Small Industries Development Bank of India (SIDBI); 1992

Question ID : 26433042127  
 Status : Answered  
 Chosen Option : 3

Q.15 When do electrons move for the flow of charges in a conducting metallic wire?

- Ans ☒ 1. When there is no difference of electric pressure  
☒ 2. When the charges stop flowing  
☒ 3. Only if there is a difference of electric pressure  
☒ 4. Due to gravity

Question ID : 26433039389  
 Status : Answered  
 Chosen Option : 3



Q.16 A Minister who for any period of \_\_\_\_\_ is not a member of either House of Parliament shall at the expiration of that period cease to be a Minister.

- Ans ☒ 1. six consecutive months
- ☐ 2. three consecutive months
- ☐ 3. four consecutive months
- ☐ 4. eight consecutive months

Question ID : 26433042107  
Status : Answered  
Chosen Option : 2

Q.17 A balanced diet takes care of all the following aspects, EXCEPT one. Identify the aspect.

- Ans ☒ 1. Promotes a healthy mind
- ☐ 2. Meets the RDA for all nutrients
- ☐ 3. Includes nutrients in correct proportions
- ☐ 4. Includes a variety of food items

Question ID : 26433044835  
Status : Answered  
Chosen Option : 4

Q.18 Which of the following novels was written by the Indian author Anuradha Roy?

- Ans ☐ 1. Tell Her Everything
- ☒ 2. Sleeping on Jupiter
- ☐ 3. Midnight's Children
- ☐ 4. The Illicit Happiness of Other People

Question ID : 26433039013  
Status : Not Answered  
Chosen Option : --

Q.19 Which state of India launched the 'Ashirbad' scheme for education, health and maintenance of Covid orphans in June 2021?

- Ans ☐ 1. Karnataka
- ☐ 2. Kerala
- ☐ 3. Maharashtra
- ☒ 4. Odisha

Question ID : 26433044412  
Status : Not Answered  
Chosen Option : --

Q.20 As per statistics published by National Crime Records Bureau for 2020, which state tops in total number of crime incidences against senior citizens (60 years and above)?

- Ans ☒ 1. Maharashtra
- ☐ 2. Madhya Pradesh
- ☐ 3. Bihar
- ☐ 4. Uttar Pradesh

Question ID : 26433041836  
Status : Answered  
Chosen Option : 4

Q.21 Ustad Bismillah Khan is best known for playing which of the following instruments?

- Ans ☒ 1. Tambura  
☒ 2. Sitar  
☒ 3. Sarod  
☒ 4. Shehnai

Question ID : 26433042226  
 Status : Answered  
 Chosen Option : 4

Q.22 Sangeet Natak Akademi Award was constituted in which of the following years?

- Ans ☒ 1. 1969  
☒ 2. 1947  
☒ 3. 1952  
☒ 4. 1961

Question ID : 26433038833  
 Status : Answered  
 Chosen Option : 1

Q.23 Pandit Ananda Gopal Bandopadhyay was a \_\_\_\_\_ player of the Banaras gharana.

- Ans ☒ 1. sarangi  
☒ 2. sarod  
☒ 3. sitar  
☒ 4. tabla

Question ID : 26433042244  
 Status : Answered  
 Chosen Option : 2

Q.24 How is food stored in brown algae?

- Ans ☒ 1. In the form of glucose  
☒ 2. In the form of complex carbohydrates that may be in the form of laminarin or mannitol  
☒ 3. In the form of complex lipids  
☒ 4. In the form of oil droplets

Question ID : 26433039424  
 Status : Not Answered  
 Chosen Option : --

Q.25 Who among the following is credited with building Delhi's Lāl Quilā (Red Fort)?

- Ans ☒ 1. Akbar  
☒ 2. Jahangir  
☒ 3. Sher Shah Suri  
☒ 4. Shah Jahan

Question ID : 26433038760  
 Status : Answered  
 Chosen Option : 4