

## Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	ION DIGITAL ZONE IDZ Dhanbad
Exam Date	20/10/2020
Exam Time	1:00 PM - 2:00 PM
Subject	CHSL Tier 1

### Section : English Language (Basic Knowledge)

**Q.1** Identify the segment in the given sentence which contains the grammatical error.

Soni take her daughter to the park in the evening in a stroller.

- Ans
- ☒ 1. to the park
  - ☒ 2. in a stroller
  - ☒ 3. Soni take her daughter
  - ☒ 4. in the evening

Question ID : 4244291317

Status : Answered

Chosen Option : 3

**Q.2** Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Unpretentious
  - ☒ 2. Recurrent
  - ☒ 3. Dilemma
  - ☒ 4. Excellence

Question ID : 4244291334

Status : Answered

Chosen Option : 1

**Q.3** Select the word which means the same as the group of words given.

A type of magic in which spirits, especially evil ones, are used to make things happen

- Ans
- ☒ 1. Chemistry
  - ☒ 2. Sorcery
  - ☒ 3. Mimicry
  - ☒ 4. Alchemy

Question ID : 4244291335

Status : Answered

Chosen Option : 4

**Q.4** Select the most appropriate option to fill in the blank in the given sentence.

We must not take the future for granted; rather, we should enjoy the \_\_\_\_\_ joys of our humdrum lives.

- Ans
-  1. habitual
  -  2. average
  -  3. everyday
  -  4. future

Question ID : 4244291339

Status : Answered

Chosen Option : 3



**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

One of the reasons we fail to talk convincingly about climate change is that we present it as something "out there". We (1)\_\_\_\_\_ to make it clear (2)\_\_\_\_\_ it's linked to (3)\_\_\_\_\_ daily decisions, such as walking (4)\_\_\_\_\_ driving, and not talk about it in (5)\_\_\_\_\_ of abstractions.

**SubQuestion No : 5**

**Q.5** Select the most appropriate option to fill in blank number 1.

- Ans
-  1. keep
  -  2. use
  -  3. need
  -  4. know

Question ID : 4244291320

Status : Answered

Chosen Option : 3


**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

One of the reasons we fail to talk convincingly about climate change is that we present it as something "out there". We (1)\_\_\_\_\_ to make it clear (2)\_\_\_\_\_ it's linked to (3)\_\_\_\_\_ daily decisions, such as walking (4)\_\_\_\_\_ driving, and not talk about it in (5)\_\_\_\_\_ of abstractions.

**SubQuestion No : 6**

**Q.6** Select the most appropriate option to fill in blank number 2.

- Ans
-  1. that
  -  2. so
  -  3. if
  -  4. then

Question ID : 4244291321

Status : Answered

Chosen Option : 1





**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

One of the reasons we fail to talk convincingly about climate change is that we present it as something "out there". We (1)\_\_\_\_\_ to make it clear (2)\_\_\_\_\_ it's linked to (3)\_\_\_\_\_ daily decisions, such as walking (4)\_\_\_\_\_ driving, and not talk about it in (5)\_\_\_\_\_ of abstractions.

**SubQuestion No : 7**

**Q.7** Select the most appropriate option to fill in blank number 3.

- Ans  1. our
-  2. much
-  3. their
-  4. those

Question ID : 4244291322

Status : Answered

Chosen Option : 1

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

One of the reasons we fail to talk convincingly about climate change is that we present it as something "out there". We (1)\_\_\_\_\_ to make it clear (2)\_\_\_\_\_ it's linked to (3)\_\_\_\_\_ daily decisions, such as walking (4)\_\_\_\_\_ driving, and not talk about it in (5)\_\_\_\_\_ of abstractions.

**SubQuestion No : 8**

**Q.8** Select the most appropriate option to fill in blank number 4.

- Ans  1. never
-  2. before
-  3. or
-  4. also

Question ID : 4244291323

Status : Answered

Chosen Option : 2

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

One of the reasons we fail to talk convincingly about climate change is that we present it as something "out there". We (1)\_\_\_\_\_ to make it clear (2)\_\_\_\_\_ it's linked to (3)\_\_\_\_\_ daily decisions, such as walking (4)\_\_\_\_\_ driving, and not talk about it in (5)\_\_\_\_\_ of abstractions.

**SubQuestion No : 9**

**Q.9** Select the most appropriate option to fill in blank number 5.

- Ans
- ☒ 1. voices
  - ☒ 2. words
  - ☒ 3. terms
  - ☒ 4. things

Question ID : 4244291324

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

Chosen Option : --

**Q.10** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

The book's page seem to have been torn by someone.

- Ans
- ☒ 1. The book's page seems
  - ☒ 2. The page of the book has seem
  - ☒ 3. The page of the book was seems
  - ☒ 4. No improvement

Question ID : 4244291327

Status : **Answered**

Chosen Option : 2

**Q.11** Select the most appropriate meaning of the underlined idiom in the given sentence.

Ashutosh kept a stiff upper lip even when he was reprimanded in the presence of clients.

- Ans
- ☒ 1. behaved insolently
  - ☒ 2. kept shouting
  - ☒ 3. remained expressionless
  - ☒ 4. started sniggering

Question ID : 4244291332

Status : **Answered**

Chosen Option : 3

Q.12 Select the most appropriate ANTONYM of the given word.

APEX

- Ans ☒ 1. Base  
☐ 2. Pinnacle  
☐ 3. Asset  
☐ 4. Force

Question ID : 4244291329  
Status : Answered  
Chosen Option : 1

Q.13 Select the most appropriate synonym of the given word.

MOTIF

- Ans ☐ 1. Purpose  
☐ 2. Reason  
☐ 3. Creation  
☒ 4. Design

Question ID : 4244291337  
Status : Answered  
Chosen Option : 1

Q.14 Select the most appropriate meaning of the underlined idiom in the given sentence.

Have you heard the news that Hema is looking for greener pastures?

- Ans ☐ 1. was feeling rejected  
☐ 2. has been fired  
☒ 3. exploring new opportunities  
☐ 4. has been transferred

Question ID : 4244291331  
Status : Answered  
Chosen Option : 3

Q.15 Select the option that is the direct form of the given sentence.

Explaining her work she said that she made films for posterity to remember.

- Ans ☐ 1. Explaining her work, she said, "She makes films for posterity to remember."  
☐ 2. Explaining her work, she said, "I will make the films that will remember posterity."  
☐ 3. Explaining her work, she said, "She made films for posterity to remember."  
☒ 4. Explaining her work, she said, "I make films for posterity to remember."

Question ID : 4244291316  
Status : Answered  
Chosen Option : 4

Q.16 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. The father then wanted his son to pick him up at four in the afternoon so that they could go home together.
- B. A teenager had just passed his driving test and was eager to drive his father's car.
- C. He asked his son to drop him at a place that was some 18 miles from home before he took the car for servicing.
- D. His father agreed.

- Ans
-  1. BCAD
  -  2. ADBC
  -  3. CBAD
  -  4. BDCA

Question ID : 4244291325  
Status : Answered  
Chosen Option : 1

Q.17 Identify the segment in the given sentence which contains the grammatical error.

The wedding reception will be hosted in Mumbai at a late date.

- Ans
-  1. will be hosted
  -  2. at a late date
  -  3. The wedding reception
  -  4. in Mumbai

Question ID : 4244291318  
Status : Answered  
Chosen Option : 2

Q.18 Select the word which means the same as the group of words given.

A deep fissure in the earth's surface

- Ans
-  1. Chasm
  -  2. Tremor
  -  3. Earthquake
  -  4. Volcano

Question ID : 4244291336  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.19 Select the most appropriate synonym of the given word.

ACCRUE

- Ans  1. Spread  
 2. Collect  
 3. Range  
 4. Variety

Question ID : 4244291338

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.20 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. In reality, however, we exist in compartments, separated by walls of caste, religion, and geography.  
B. But we find that ignorance levels are growing as well because the rate at which we are accumulating information is not commensurate with the rate at which our awareness is growing.  
C. Technologically we live in a borderless world.  
D. Another paradox is that we take pride in describing ourselves as a knowledge-based society.

- Ans  1. ABDC  
 2. CBAD  
 3. CADB  
 4. BADC





Question ID : 4244291326

Status : Answered

Chosen Option : 3

Q.21 Select the option that is the passive form of the given sentence.

This book explores the secret of leading a long and meaningful life.

- Ans  1. The secret of leading a long and meaningful life is explored in this book.  
 2. The secret of leading a long and meaningful life was being explored by this book.  
 3. The secret of leading a long and meaningful life have been explored by this book.  
 4. The secret of leading a long and meaningful life had been explored by this book.

Question ID : 4244291315

Status : Answered

Chosen Option : 3

Q.22 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

Have you got confirmation of the receipt of the donation?

- Ans
- ☒ 1. Did you got confirmation
  - ☒ 2. No improvement
  - ☒ 3. Have you get confirmation
  - ☒ 4. Has you got confirmations

Question ID : 4244291328  
Status : Answered  
Chosen Option : 3

Q.23 Select the most appropriate ANTONYM of the given word.

EXPUNGE

- Ans
- ☒ 1. Deplete
  - ☒ 2. Remove
  - ☒ 3. Insert
  - ☒ 4. Exhaust

Question ID : 4244291330  
Status : Answered  
Chosen Option : 3

Q.24 Select the most appropriate option to fill in the blank in the given sentence.

A literature festival on the beach: With waves crashing on the beach, the Kerala Literature Festival got \_\_\_\_\_ in Kozhikode with a range of panel discussions in English and Malayalam.

- Ans
- ☒ 1. apart
  - ☒ 2. underway
  - ☒ 3. away
  - ☒ 4. wayward

Question ID : 4244291340  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.25 Select the correctly spelt word.

- Ans
- ☒ 1. Squirrell
  - ☒ 2. Exquiste
  - ☒ 3. Recquirement
  - ☒ 4. Acquaintance

Question ID : 4244291333  
Status : Answered  
Chosen Option : 2

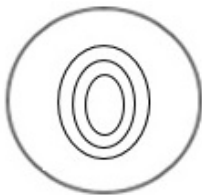


**Q.1** Select the Venn diagram that best represents the relationship between the following classes.

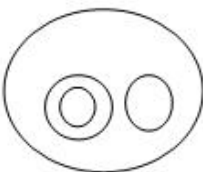
Physics, Science, Biology, Zoology

**Ans**

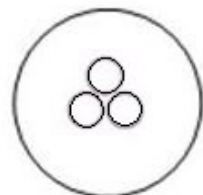
☒ 1.



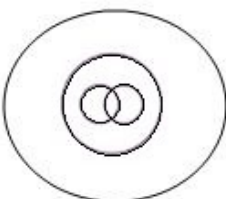
☒ 2.



☒ 3.



☒ 4.



Question ID : 4244291365

Status : Answered

Chosen Option : 3

**Q.2** In a certain code language, DEAF is written as 'HJGM'. How will CALM be written as in that language?

**Ans**

☒ 1. EBXY

☒ 2. FBXY

☒ 3. GFRT

☒ 4. GCYZ

Question ID : 4244291349

Status : Answered

Chosen Option : 3

**Q.3** G is the grandfather of S. B has only two sons E and F. A and B are the only sons of G. Who is the father of S?

**Ans**

☒ 1. A

☒ 2. B

☒ 3. E

☒ 4. F





Question ID : 4244291354

Status : Answered

Chosen Option : 1

**Q.4** Select the option in which the words share the same relationship as that shared by the given pair of words.

Distance : Kilometers


- Ans  1. Volume : Liters  
 2. Bushel : Corn  
 3. Fame : Television  
 4. Weight : Scale

Question ID : 4244291355

Status : Answered

Chosen Option : 1

**Q.5** Four number-sets have been given below, out of which three are alike in some manner and one is different. Select the number-set that is different from the rest.

- Ans  1. (84, 116, 181)  
 2. (44, 89, 179)  
 3. (71, 108, 182)  
 4. (35, 81, 173)

Question ID : 4244291345

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.6** What will be the value of 'a + b' in the following equation?

$$[4(3 + \{9 \times 6 \div 3 + \{12 \div (1 \div 1 \times 3)\})] = 5^a \times 2^b$$

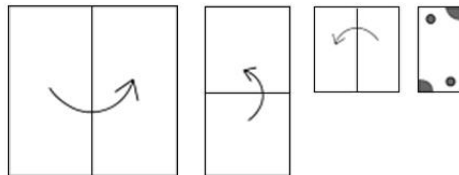
- Ans  1. 5  
 2. 6  
 3. 7  
 4. 4

Question ID : 4244291342

Status : Answered

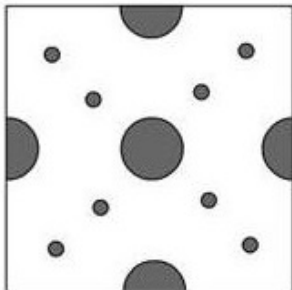
Chosen Option : 4

**Q.7** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

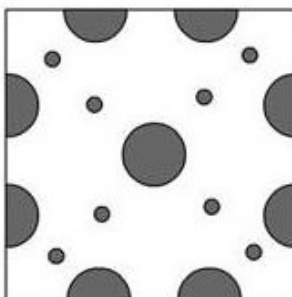


Ans

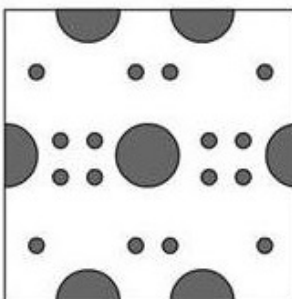
✗ 1.



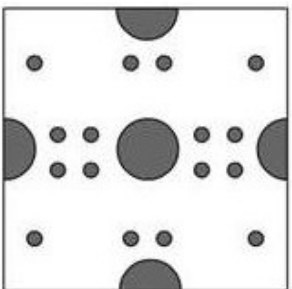
✗ 2.



✓ 3.



✗ 4.






Question ID : 4244291363

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

Chosen Option : --

**Q.8** Select the option that is related to the third number in the same way as the second number is related to the first number.

132 : 156 :: 462 : ?


- Ans**
-  1. 505
  -  2. 484
  -  3. 503
  -  4. 506

Question ID : 4244291343

Status : Answered

Chosen Option : 3

**Q.9** Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans**
-  1. Nuclear Fuel
  -  2. Coal
  -  3. Natural Gas
  -  4. Biomass

Question ID : 4244291357





Status : Answered

Chosen Option : 4

**Q.10** Read the given statements carefully. Assuming that the information given in the statements is true, decide which of the given conclusions is correct based on the statements.

**Statements:**

- 1. Ram goes to mathematics class on Monday.
- 2. He attends literature classes on Friday.
- 3. He goes to guitar classes the day before he goes to history classes.
- 4. He attends history classes 2 days before literature classes.

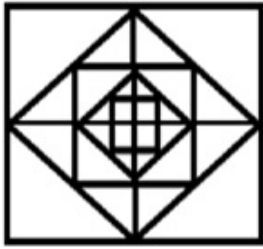
- Ans**
-  1. Ram goes to guitar classes on Tuesday.
  -  2. Ram goes to guitar classes on Sunday.
  -  3. Ram goes to guitar classes on Saturday.
  -  4. Ram attends history classes on Saturday.

Question ID : 4244291358

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.11 Find the number of squares in the following figure.



- Ans
- ☒ 1. 12
  - ☒ 2. 17
  - ☒ 3. 13
  - ☒ 4. 16

Question ID : 4244291361

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.12 Select the option figure that can replace the question mark in the following series.



- Ans
- ☒ 1. ● ○ ● ○ ● ○ ● ○
  - ☒ 2. ● ○ ● ○ ● ○ ● ○ ●
  - ☒ 3. ● ○ ● ○ ● ○ ● ○
  - ☒ 4. ● ○ ● ○ ● ○ ● ●

Question ID : 4244291360

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.13 Select the correct sequence of the following words (based on inside to outside of the reproductive system of a flower).

1. Ovary
2. Stigma
3. Ovule
4. Petal

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

Question ID : 4244291348

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.14** A person is employed to a company on a salary of ₹6,000 per month. Throughout the year, he remained absent from work for 15 days. If ₹200 gets deducted for every single holiday, then how much money will he earn at the end of the year?

- Ans
-  1. ₹72,000
  -  2. ₹70,000
  -  3. ₹69,000
  -  4. ₹75,000

Question ID : 4244291341  
Status : Answered  
Chosen Option : 3




**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.

Longest day : June :: Shortest day : ?

- Ans
-  1. December
  -  2. February
  -  3. January
  -  4. November

Question ID : 4244291352  
Status : Answered  
Chosen Option : 1

**Q.16** In a certain code language, BOOK is coded as 139 and PEN is coded as 302. How will COPY be coded as in that language?

- Ans
-  1. 2547
  -  2. 167
  -  3. 2822
  -  4. 279

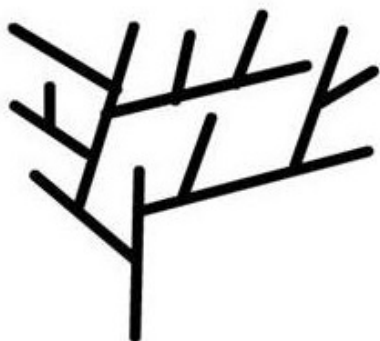
Question ID : 4244291350  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.17 Select the option in which the given figure is embedded. (Rotation is not allowed)

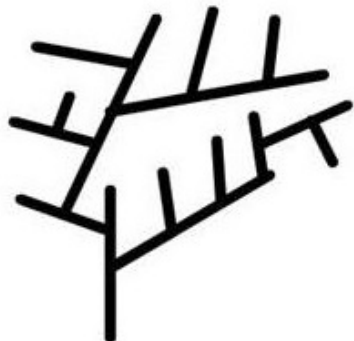


Ans

✗ 1.



✗ 2.



✗ 3.



✓ 4.



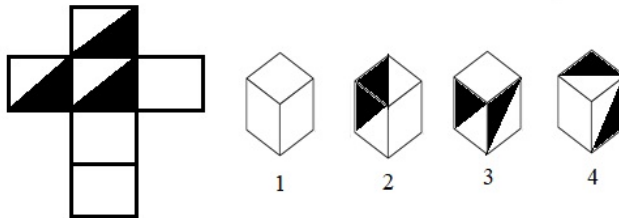
Status : **Answered**  
Chosen Option : **3**

**Q.18** In a certain code language, MENTION is written as NEITNOM. How will PATTERN be written as in that language?

- Ans
- ☒ 1. LSOLANN
  - ☒ 2. RESWNDU
  - ☒ 3. DOEECTS
  - ☒ 4. NAETTRP

Question ID : **4244291351**  
Status : **Answered**  
Chosen Option : **4**

**Q.19** Select the box (figures 1 to 4) that can be formed by folding the given sheet along the lines.

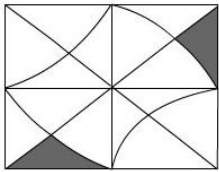


- Ans
- ☒ 1. Only figures 3 and 4
  - ☒ 2. Only figures 1 and 2
  - ☒ 3. Only figure 4
  - ☒ 4. Only figure 2

Question ID : **4244291359**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : --

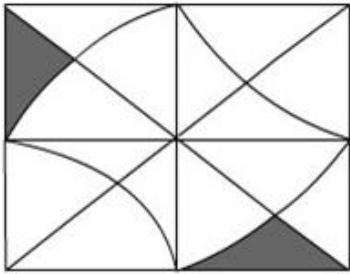


**Q.20** Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.

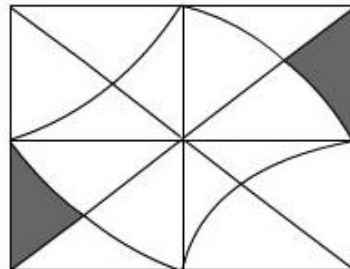


**Ans**

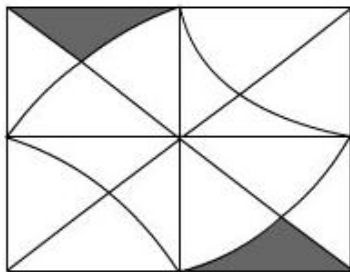
✓ 1.



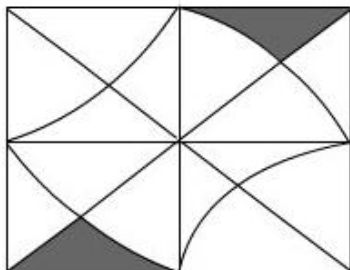
✗ 2.



✗ 3.



✗ 4.



Question ID : 4244291364  
Status : Answered  
Chosen Option : 1

**Q.21** Select the option that is related to the third number in the same way as the second number is related to the first number.

14 : 182 :: 22 : ?

- Ans**
-  1. 244
  -  2. 482
  -  3. 462
  -  4. 444

Question ID : 4244291344

Status : Answered

Chosen Option : 3

**Q.22** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

- Ans**
-  1. DCEBF
  -  2. TUSVR
  -  3. HGIFJ
  -  4. RQSPT

Question ID : 4244291356

Status : Answered

Chosen Option : 2

**Q.23** Select the number that can replace the question mark (?) in the following series.

2, 3, 6, 15, ?, 157.5, 630

- Ans**
-  1. 54
  -  2. 49
  -  3. 48
  -  4. 45





Question ID : 4244291346

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.24** Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

a b b \_ b \_ b a b \_ \_ b a b b b \_ \_

- Ans**
-  1. b a b b a a b
  -  2. a b b a a b b
  -  3. a b b a b a b
  -  4. a b b a a a b

Question ID : 4244291353

Status : Answered

Chosen Option : 3

Q.25 Identify the number that does NOT belong to the following series.

81, 54, 36, 27, 22

- Ans
- ☒ 1. 27
  - ☒ 2. 36
  - ☒ 3. 22
  - ☒ 4. 54

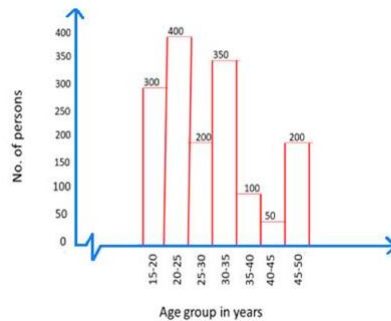
Question ID : 4244291347

Status : Answered

Chosen Option : 3

Section : Quantitative Aptitude(Basic Arithmetic Skill)

Q.1 A study was made for the number of persons of different age group visited in a library in a week which is shown in the histogram. Study the histogram and answer the question given below.



The ratio of the number of persons in the age groups 15-20 years and 20-25 years together, to the number of persons in the age groups 30-35 years and 35-40 years together, is:

- Ans
- ☒ 1. 14 : 9
  - ☒ 2. 13 : 9
  - ☒ 3. 14 : 17
  - ☒ 4. 15 : 19

Question ID : 4244291389

Status : Answered

Chosen Option : 1

Q.2 If  $x = 3 + 2\sqrt{2}$ , then the value of  $x^2 + \frac{1}{x^2}$  is:

- Ans
- ☒ 1. 36
  - ☒ 2. 32
  - ☒ 3. 30
  - ☒ 4. 34

Question ID : 4244291380

Status : Answered

Chosen Option : 4

Q.3

If  $x + \frac{1}{x} = 5, x \neq 0$  then the value of  $\frac{x^4 + \frac{1}{x^2}}{x^2 - 3x + 1}$  is equal to:

- Ans
- ☒ 1. 50
  - ☒ 2. 65
  - ☒ 3. 60
  - ☒ 4. 55

Question ID : 4244291381

Status : Answered

Chosen Option : 4

Q.4

A man travelled a distance of 35 km in 5 hours. He travelled partly on foot at the rate of 4 km/h and the rest on bicycle at the rate of 9 km/h. The distance travelled on foot is:

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

Question ID : 4244291367

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.5

If  $x + \frac{4}{x} - 4 = 0$ , then the value of  $x^2 - 4$  is equal to:

- Ans
- ☒ 1. 0
  - ☒ 2. 4
  - ☒ 3. 2
  - ☒ 4. 1

Question ID : 4244291379

Status : Answered

Chosen Option : 1

Q.6

A, B and C are three points on the circle. If  $AB = AC = 7\sqrt{2}$  cm and  $\angle BAC = 90^\circ$ , then the radius is equal to:

- Ans
- ☒ 1.  $7\sqrt{2}$  cm
  - ☒ 2. 7 cm
  - ☒ 3. 14 cm
  - ☒ 4. 6 cm

Question ID : 4244291375

Status : Answered

Chosen Option : 2

**Q.7** Two concentric circles form a ring. The inner and outer circumferences of the ring are 22 cm and 44 cm, respectively.

The width of the ring is: (take  $\pi = \frac{22}{7}$ )

- Ans**
- ☒ 1. 1.5 cm
  - ☒ 2. 2.5 cm
  - ☒ 3. 3 cm
  - ☒ 4. 3.5 cm

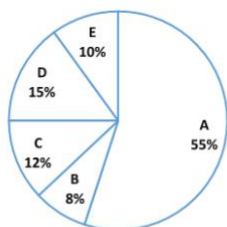
Question ID : 4244291368

Status : Answered

Chosen Option : 4

**Q.8** Study the following pie-chart and answer the given question.

The pie-chart shows Budget Expenditure of a company in the year 2018 (percentage distribution) on different heads A, B, C, D & E.



If ₹165 crore were spent in year 2018 on A, what would have been the total expenditure for that year (in ₹ crores)?

- Ans**
- ☒ 1. ₹400
  - ☒ 2. ₹320
  - ☒ 3. ₹350
  - ☒ 4. ₹300

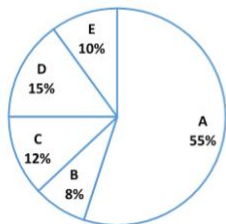
Question ID : 4244291388

Status : Answered

Chosen Option : 4

**Q.9** Study the following pie-chart and answer the given question.

The pie-chart shows the Budget Expenditure of a company in the year 2018 (percentage distribution) on different heads A, B, C, D & E.



The central angle of the sector representing expenditure on head D is:

- Ans
- ☒ 1.  $52^\circ$
  - ☒ 2.  $45^\circ$
  - ☒ 3.  $56^\circ$
  - ☒ 4.  $54^\circ$

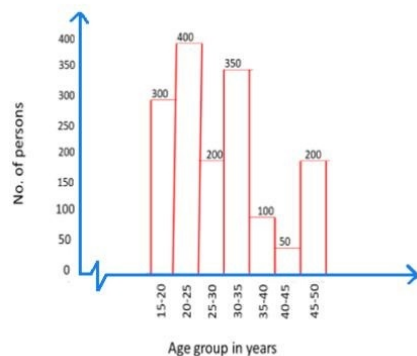
Question ID : 4244291387

Status : Answered

Chosen Option : 4

**Q.10** Study the following histogram and answer the given question.

A study was made for the number of persons of different age group visited in a library in a week which is shown in given in the histogram. Study the histogram and answer the question given below.



What percent of the total number of persons visiting library in the week was the number of persons of age group 25-30 years?





- Ans
- ☒ 1. 15%
  - ☒ 2. 12%
  - ☒ 3. 12.5%
  - ☒ 4. 10.5%

Question ID : 4244291390

Status : Answered

Chosen Option : 3

**Q.11** If PA and PB are tangents drawn from an external point P to a circle with centre O such that  $\angle APB = 70^\circ$ , then  $\angle OAB$  is equal to:





- Ans  1.  $35^\circ$   
 2.  $40^\circ$   
 3.  $30^\circ$   
 4.  $25^\circ$

Question ID : 4244291376

Status : Answered

Chosen Option : 1

**Q.12** In  $\triangle ABC$ , E and D are points on sides AB and AC, respectively, such that  $\angle ABC = \angle ADE$ . If AE = 6 cm, AD = 4 cm and EB = 4 cm, then the length of DC is:

- Ans  1. 8 cm  
 2. 9.5 cm  
 3. 10 cm  
 4. 11 cm





Question ID : 4244291378

Status : Answered

Chosen Option : 4

**Q.13**

The value of  $\frac{4}{5} \div 3\frac{1}{4}$  of  $\frac{8}{13} - \frac{\frac{1}{5} - \frac{1}{8}}{\frac{1}{5} + \frac{1}{8}} \times 5\frac{1}{5} + \frac{5}{6}$  is:

- Ans  1.  $\frac{7}{30}$   
 2.  $\frac{2}{15}$   
 3.  $\frac{1}{30}$   
 4.  $\frac{1}{15}$

Question ID : 4244291383

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.14 If the 8- digit number 43A5325B is divisible by 8 and 9, then the sum of A and B is equal to:

- Ans
- ☒ 1. 15
  - ☒ 2. 14
  - ☒ 3. 12
  - ☒ 4. 18

Question ID : 4244291382

Status : Answered

Chosen Option : 2

Q.15 There is a 60% increase in an amount in 5 years at simple interest. What will be the compound interest on ₹6,250 for two years at the same rate of interest, when the interest is compounded yearly?

- Ans
- ☒ 1. ₹1,480
  - ☒ 2. ₹1,560
  - ☒ 3. ₹1,500
  - ☒ 4. ₹1,590

Question ID : 4244291374

Status : Answered

Chosen Option : 4

Q.16

If  $\cot\theta = \frac{3}{\sqrt{5}}$ ,  $0^\circ < \theta < 90^\circ$ , then the value of  $\frac{6\sec^2\theta - \frac{5}{3}\operatorname{cosec}^2\theta}{\frac{3}{5}\sec^2\theta + \frac{4}{3}\operatorname{cosec}^2\theta}$ , is equal to:

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

Question ID : 4244291385

Status : Not Attempted and Marked For Review

Chosen Option : --



**Q.17** Amit sold an article for ₹7,000 and incurred a loss. Had he sold it for ₹8,750, his gain would have been three-fourth of the amount of loss that he incurred. At what price should he sell the article to get 10% profit?

- Ans  1. ₹8,800  
 2. ₹8,400  
 3. ₹8,000  
 4. ₹7,800

Question ID : 4244291372  
Status : Answered  
Chosen Option : 1

**Q.18** A trader marks his goods in such a way that even after allowing 15% discount on marked price he still gains 27.5%. If the cost price of the goods is ₹200, then its marked price is:

- Ans  1. ₹300  
 2. ₹250  
 3. ₹350  
 4. ₹400

Question ID : 4244291370  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.19** In  $\triangle ABC$ , D is a point on BC. If  $\frac{AB}{AC} = \frac{BD}{DC}$ ,  $\angle B = 75^\circ$  and  $\angle C = 45^\circ$ , then  $\angle BAD$  is equal to:

- Ans  1.  $50^\circ$   
 2.  $45^\circ$   
 3.  $30^\circ$   
 4.  $60^\circ$

Question ID : 4244291377  
Status : Answered  
Chosen Option : 3

**Q.20** Ravinder invests ₹3,750 which is equal to 15% of his monthly salary in a medical insurance policy. Later he invests 25% and 8% of his monthly salary on a child education policy, and mutual funds, respectively. The total amount left with him is:

- Ans  1. ₹15,000  
 2. ₹8,000  
 3. ₹12,000  
 4. ₹13,000

Question ID : 4244291371  
Status : Answered  
Chosen Option : 4

Q.21 If  $\theta$  is a positive acute angle and  $\tan 2\theta \tan 3\theta = 1$ , then the value of  $\theta$  is:

- Ans ☒ 1.  $18^\circ$   
☐ 2.  $45^\circ$   
☐ 3.  $60^\circ$   
☐ 4.  $36^\circ$

Question ID : 4244291384

Status : Answered

Chosen Option : 1

Q.22 The average of four consecutive odd natural numbers is eight less than the average of three consecutive even natural numbers. If the sum of these three even numbers is equal to the sum of above four odd numbers, then the average of four original odd numbers is:

- Ans ☐ 1. 32  
☒ 2. 24  
☐ 3. 18  
☐ 4. 36

Question ID : 4244291369

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.23 If  $\sin(A + B) = \cos(A - B) = \frac{\sqrt{3}}{2}$  and A and B are acute angles. The measures of angles A and B (in degrees) will be:

- Ans ☐ 1. A = 15 and B = 45  
☒ 2. A = 45 and B = 15  
☐ 3. A = 45 and B = 45  
☐ 4. A = 60 and B = 30

Question ID : 4244291386

Status : Answered

Chosen Option : 2

Q.24 When 50% of a number A is added to B, the second number B increases by 25%. The ratio between the numbers A and B is:

- Ans ☒ 1. 1 : 2  
☐ 2. 2 : 3  
☐ 3. 3 : 4  
☐ 4. 3 : 2

Question ID : 4244291373

Status : Answered

Chosen Option : 1


**Q.25** A and B working together can do 30% of the work in 6 days. B alone can do the same work in 25 days. How long will A alone take to complete the same work?

- Ans  1. 100 days
-  2. 60 days
-  3. 75 days
-  4. 80 days

Question ID : 4244291366  
Status : Answered  
Chosen Option : 1

Section : General Awareness

**Q.1** Which country honoured Indian Prime Minister Narendra Modi with its highest civilian honour 'Zayed Medal' in 2019?

- Ans  1. Portugal
-  2. Bhutan
-  3. UAE
-  4. Israel




Question ID : 4244291410  
Status : Answered  
Chosen Option : 3

**Q.2** 'Wings India', Asia's largest civil aviation event, will be held at Begumpet airport, Hyderabad in March 2020. What will be the theme of this event?

- Ans  1. Born to Fly
-  2. Women to Fly
-  3. Flying Everyone
-  4. Flying for All

Question ID : 4244291397  
Status : Answered  
Chosen Option : 1

**Q.3** Which of the following dance forms is also known as the 'Royal Dance of Ladakh'?

- Ans  1. Shondol dance
-  2. Yak dance
-  3. Koshan dance
-  4. Jabro dance

Question ID : 4244291393  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.4 'A Shot At History: My Obsessive Journey to Olympic Gold' is the autobiography of which Indian shooter?





- Ans  1. Abhinav Bindra
-  2. Jitu Rai
-  3. Rajyavardhan Singh Rathore
-  4. Gagan Narang

Question ID : 4244291409

Status : Answered

Chosen Option : 1

Q.5 In the context of the contribution of scientists for which they were awarded Nobel Prize, which of the following pairs is INCORRECT?

- Ans  1. Zeeman Effect – Hendrik Lorentz
-  2. Quantum mechanics – Galileo Galilei
-  3. Light scattering – CV Raman
-  4. Diffraction of X-rays – Max Von Laue

Question ID : 4244291401

Status : Answered

Chosen Option : 2

Q.6 In November 2019, which Indian athlete was listed in 'Time 100 Next' that spotlights 100 rising stars who are shaping the future of business, entertainment, sports, politics, etc.?





- Ans  1. Hima Das
-  2. Anju Bobby George
-  3. Dutee Chand
-  4. PV Sindhu

Question ID : 4244291415

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.7 In the context of computers, WORM is an acronym of:

- Ans  1. Write Once, Read Many
-  2. Wireless Operating, Read Module
-  3. Word On, RAM Memory
-  4. Word Optical, Recognition Malware

Question ID : 4244291391

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.8 Which former cricketer and captain of the Indian team was formally elected as the President of BCCI in October 2019?**

- Ans
-  1. Kapil Dev
  -  2. Sourav Ganguly
  -  3. Ravi Shastri
  -  4. Sunil Gavaskar

Question ID : 4244291413

Status : Answered

Chosen Option : 2

**Q.9 Which of the following rivers is the fifth largest river and the largest west flowing river?**

- Ans
-  1. Arvari river
  -  2. Subarnarekha river
  -  3. Godavari river
  -  4. Narmada river

Question ID : 4244291404

Status : Answered

Chosen Option : 4

**Q.10 Which of the following passes is located between Nilgiri Hills to the north and Anaimalai Hills to the south?**

- Ans
-  1. Karakoram Pass
  -  2. Aghil Pass
  -  3. Rohtang Pass
  -  4. Palghat Pass

Question ID : 4244291405

Status : Answered

Chosen Option : 4

**Q.11 Where did the Chief Minister of Odisha, Naveen Patnaik, inaugurate the National Tribal Craft Mela-2019?**

- Ans
-  1. Cuttack
  -  2. Puri
  -  3. Bhubaneswar
  -  4. Konark

Question ID : 4244291392

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.12 Which of the following movements was started in the year 1930 by Mahatma Gandhi?**

- Ans  1. Civil Disobedience Movement
-  2. Quit India Movement
-  3. Non-Cooperation Movement
-  4. Khilafat Movement

Question ID : 4244291408  
Status : Answered  
Chosen Option : 1

**Q.13 The famous cultural site Rani-ki-Vav (the Queen's Stepwell) is situated on the banks of which river?**

- Ans  1. Yamuna River
-  2. Saraswati River
-  3. Hooghly River
-  4. Mahanadi

Question ID : 4244291394  
Status : Answered  
Chosen Option : 1

**Q.14 Who created history by securing Gold in the women's Singles SL3 event at the 'BWF Para-Badminton World Championships' in 2019?**

- Ans  1. Parul Dalsukhbhai Parmar
-  2. Manasi Joshi
-  3. Sarina Satomi
-  4. Sujirat Pookkham

Question ID : 4244291414  
Status : Answered  
Chosen Option : 2

**Q.15 The definition of 'money bills' is given in which article of the Constitution of India?**

- Ans  1. Article 110
-  2. Article 93
-  3. Article 44
-  4. Article 33

Question ID : 4244291411  
Status : Answered  
Chosen Option : 1

Q.16 Which of the following mountains is situated near the Siachen region of Ladakh in India?

- Ans
- ☒ 1. Kangchenjunga Mountain
  - ☒ 2. Kirat Chuli Mountain
  - ☒ 3. K12 Mountain
  - ☒ 4. Kabru Mountain

Question ID : 4244291403

Status : Answered

Chosen Option : 1

Q.17 Which of the following books was translated as 'The Razmnama' (Book of Wars) during the reign of Akbar?

- Ans
- ☒ 1. Mahabharata
  - ☒ 2. Ramayana
  - ☒ 3. Babur Nama
  - ☒ 4. Akbar Nama

Question ID : 4244291407

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.18 Which of the following is the chemical formula for Nitre (saltpeter)?

- Ans
- ☒ 1.  $\text{KNO}_3$
  - ☒ 2.  $\text{KCl}$
  - ☒ 3.  $\text{KAl}_2\text{O}_3$
  - ☒ 4.  $\text{KCl.MgCl}_2$

Question ID : 4244291400

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.19 Which scientist won the Nobel prize in Physics in 1918 for the discovery of 'Energy Quanta'?

- Ans
- ☒ 1. Louis de Broglie
  - ☒ 2. James Chadwick
  - ☒ 3. Werner Heisenberg
  - ☒ 4. Max Karl Ernst Ludwig Planck

Question ID : 4244291402

Status : Answered

Chosen Option : 4

Q.20 According to the Carbon Disclosure Project (CDP) annual report that was released in January 2020, what was India's rank in corporate commitments to science-based targets?

- Ans
- ☐ 1. Sixth
  - ☐ 2. Tenth
  - ☐ 3. Eight
  - ☒ 4. Fifth

Question ID : 4244291396

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.21 As per a World Gold Council (WGC) report that was released in January 2020, the Reserve Bank of India (RBI) was ranked \_\_\_\_\_ in terms of buying gold abroad among central banks of the world.

- Ans
- ☐ 1. Tenth
  - ☒ 2. Sixth
  - ☐ 3. Seventh
  - ☐ 4. Fifth

Question ID : 4244291399

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.22 Who is India's youngest IAS officer to be appointed to the Chief Minister's Office of Telangana? She/he is also known as 'The People's Officer'.

- Ans
- ☐ 1. Amrutesh Aurangabadkar
  - ☒ 2. Smita Sabharwal
  - ☐ 3. Swati Meena Naik
  - ☐ 4. Ansar Ahmad Shaikh

Question ID : 4244291412

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.23 The 5th edition of 'Indian International Science Festival (IISF) 2019' was held in which city?

- Ans
- ☐ 1. Hyderabad
  - ☐ 2. Delhi
  - ☐ 3. Chandigarh
  - ☒ 4. Kolkata

Question ID : 4244291395

Status : Answered

Chosen Option : 2



**Q.24** Which wildlife sanctuary is a tri-state protected area in northern India? It is also famous for the Critically Endangered gharial, the red-crowned roofed turtle and the Endangered Ganges river dolphin?

- Ans
-  1. Dandeli Wildlife Sanctuary
  -  2. Bhadra Wildlife Sanctuary
  -  3. Chinnar Wildlife Sanctuary
  -  4. National Chambal Sanctuary

Question ID : 4244291406

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

Chosen Option : --

**Q.25** As of January 2020, what was the upper limit of fund transfer using Unified Payments Interface (UPI)?

- Ans
-  1. ₹50,000
  -  2. ₹90,000
  -  3. ₹2 lakh
  -  4. ₹1 lakh

Question ID : 4244291398

Status : **Not Answered**

Chosen Option : --