

## Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zne iDZ Sector 34
Exam Date	12/10/2020
Exam Time	1:00 PM - 2:00 PM
Subject	CHSL Tier 1

Section : English Language (Basic Knowledge)

Q.1 Select the wrongly spelt word.

- Ans
- 1. Judiciary
  - 2. Virtual
  - 3. Ambassador
  - 4. Appreciate

Question ID : 8161612453  
Status : Answered  
Chosen Option : 3

Q.2 Select the most appropriate synonym of the given word.

AGILE

- Ans
- 1. Visible
  - 2. Guile
  - 3. Nimble
  - 4. Docile

Question ID : 8161612456  
Status : Answered  
Chosen Option : 3

Q.3 Select the most appropriate meaning of the given idiom.

Actions speak louder than words

- Ans
- 1. What you don't say is what you are
  - 2. What you do is your own business
  - 3. What you do reveals the real you
  - 4. What you can see may not be true

Question ID : 8161612452  
Status : Answered  
Chosen Option : 3



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

**FURTIVE**

- Ans
- 1. Adhesive
  - 2. Positive
  - 3. Secretive
  - 4. Abortive

Question ID : **8161612457**

Status : **Answered**

Chosen Option : **3**

**Comprehension:**

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

The choices we make in life determine who we are. One's life is (1)\_\_\_\_\_ marked by the exemplary choices one has made (2) \_\_\_\_\_ one's journey. The mega icon Ratan Tata has described his journey (3)\_\_\_\_\_ being a seven-year-old boy who played his (4) \_\_\_\_\_ the freedom struggle to being moved by the plight of a family on a two-wheeler which became the genesis of the world's most (5)\_\_\_\_\_ car the Tata Nano.

**SubQuestion No : 5**

**Q.5 Select the most appropriate option for blank number 1.**

- Ans
- 1. rarely
  - 2. often
  - 3. seldom
  - 4. never

Question ID : **8161612439**

Status : **Answered**

Chosen Option : **2**

**Comprehension:**

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

The choices we make in life determine who we are. One's life is (1)\_\_\_\_\_ marked by the exemplary choices one has made (2) \_\_\_\_\_ one's journey. The mega icon Ratan Tata has described his journey (3)\_\_\_\_\_ being a seven-year-old boy who played his (4) \_\_\_\_\_ the freedom struggle to being moved by the plight of a family on a two-wheeler which became the genesis of the world's most (5)\_\_\_\_\_ car the Tata Nano.

**SubQuestion No : 6**

**Q.6 Select the most appropriate option for blank number 2.**

- Ans
- 1. toward
  - 2. into
  - 3. along
  - 4. upon

Question ID : **8161612440**

Status : **Answered**

Chosen Option : **4**



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**Comprehension:**

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

The choices we make in life determine who we are. One's life is (1)\_\_\_\_\_ marked by the exemplary choices one has made (2) \_\_\_\_\_ one's journey. The mega icon Ratan Tata has described his journey (3)\_\_\_\_\_ being a seven-year-old boy who played his (4) \_\_\_\_\_ the freedom struggle to being moved by the plight of a family on a two-wheeler which became the genesis of the world's most (5)\_\_\_\_\_ car the Tata Nano.

**SubQuestion No : 7**

**Q.7 Select the most appropriate option for blank number 3.**

- Ans
- 1. above
  - 2. for
  - 3. though
  - 4. from

Question ID : 8161612441  
Status : Answered  
Chosen Option : 4

**Comprehension:**

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

The choices we make in life determine who we are. One's life is (1)\_\_\_\_\_ marked by the exemplary choices one has made (2) \_\_\_\_\_ one's journey. The mega icon Ratan Tata has described his journey (3)\_\_\_\_\_ being a seven-year-old boy who played his (4) \_\_\_\_\_ the freedom struggle to being moved by the plight of a family on a two-wheeler which became the genesis of the world's most (5)\_\_\_\_\_ car the Tata Nano.

**SubQuestion No : 8**

**Q.8 Select the most appropriate option for blank number 4.**

- Ans
- 1. part in
  - 2. part of
  - 3. part from
  - 4. part with

Question ID : 8161612442  
Status : Answered  
Chosen Option : 2



**Comprehension:**

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

The choices we make in life determine who we are. One's life is (1)\_\_\_\_\_ marked by the exemplary choices one has made (2) \_\_\_\_\_ one's journey. The mega icon Ratan Tata has described his journey (3)\_\_\_\_\_ being a seven-year-old boy who played his (4) \_\_\_\_\_ the freedom struggle to being moved by the plight of a family on a two-wheeler which became the genesis of the world's most (5)\_\_\_\_\_ car the Tata Nano.

**SubQuestion No : 9****Q.9 Select the most appropriate option for blank number 5.**

- Ans  1. economical  
 2. economize  
 3. economic  
 4. economist

Question ID : 8161612443  
Status : Answered  
Chosen Option : 1

**Q.10 Select the most appropriate meaning of the given idiom.****A piece of cake**

- Ans  1. Something serious  
 2. Something difficult  
 3. Something easy  
 4. Something amusing

Question ID : 8161612451  
Status : Answered  
Chosen Option : 3

**Q.11 Select the most appropriate ANTONYM of the given word.****RESERVED**

- Ans  1. Cowardly  
 2. Friendly  
 3. Forgiving  
 4. Reticent

Question ID : 8161612449  
Status : Answered  
Chosen Option : 2



Q.12 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. Behind them come camels carrying drums and small guns.
- B. The Emperor is escorted by two decorated elephants who head the procession.
- C. At the end come the platoons of soldiers in rows of two.
- D. First of all, there is a volley of guns announcing Emperor Bahadur Shah's entry into the mosque.

- Ans
- 1. BCDA
  - 2. DCBA
  - 3. DBAC
  - 4. ABDC

Question ID : 8161612435  
Status : Answered  
Chosen Option : 3

Q.13 In the given sentence identify the segment which contains the grammatical error.

Freedom of expression meaning the right to express one's own convictions and beliefs.

- Ans
- 1. Freedom of expression
  - 2. meaning the right
  - 3. to express one's own
  - 4. convictions and beliefs

Question ID : 8161612445  
Status : Answered  
Chosen Option : 3

Q.14 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 rising prices of essential food items have placed an weighty burden on the poor.

- Ans
- 1. No improvement
  - 2. trivial
  - 3. enormous
  - 4. lightest

Question ID : 8161612436  
Status : Answered  
Chosen Option : 3



Q.15 Select the most appropriate ANTONYM of the given word.

**ENIGMA**

- Ans
- 1. Make-believe
  - 2. Clarity
  - 3. Mystery
  - 4. Charade

Question ID : 8161612450  
Status : Answered  
Chosen Option : 2

Q.16 Select the word which means the same as the group of words given.

**Having no moral principles**

- Ans
- 1. Mischievous
  - 2. Unscrupulous
  - 3. Ethical
  - 4. Unaware

Question ID : 8161612455  
Status : Answered  
Chosen Option : 2

Q.17 Select the wrongly spelt word.

- Ans
- 1. Resettlement
  - 2. Embarassment
  - 3. Announcement
  - 4. Undergarment

Question ID : 8161612454  
Status : Answered  
Chosen Option : 2

Q.18 Select the most appropriate word to fill in the blank in the given sentence.

Those earning less than Rs.10,000 are \_\_\_\_\_ from paying income tax.

- Ans
- 1. adjusted
  - 2. exempted
  - 3. collected
  - 4. accepted

Question ID : 8161612458  
Status : Answered  
Chosen Option : 2



Q.19 Select the correct passive form of the given sentence.

The Delhi Police has shot an educational video on Traffic Rules for school students.

- Ans
- 1. An educational video on Traffic Rules for school students was being shot by the Delhi Police.
  - 2. An educational video on Traffic Rules for school students had been shot by the Delhi Police.
  - 3. An educational video on Traffic Rules for school students has been shot by the Delhi Police.
  - 4. An educational video on Traffic Rules for school students is being shot by the Delhi Police.

Question ID : 8161612444  
Status : Answered  
Chosen Option : 3

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

- A. In order to buy that bicycle, he plans to win some prize money by teaching an illiterate person how to read and write.
- B. He needs a bicycle to win the bicycle race which would help pay off his father's debt.
- C. The film 'Douch' is about a young Iranian village boy.
- D. But the only illiterate person is a 90 year old woman who is ill-tempered and doesn't wish to learn anything.

- Ans
- 1. DABC
  - 2. ADBC
  - 3. CBAD
  - 4. CABD

Question ID : 8161612447  
Status : Answered  
Chosen Option : 3

Q.21 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'.

India has lost a veteran actor with the deceased of Shriram Lagoo.

- Ans
- 1. No improvement
  - 2. expired
  - 3. bereavement
  - 4. demise

Question ID : 8161612448  
Status : Answered  
Chosen Option : 4



Q.22 Select the correct indirect form of the given sentence.

Sitab asked his mother, "Has it been snowing all night?"

- Ans
- 1. Sitab asked his mother if it is snowing all night.
  - 2. Sitab asked his mother if it had been snowing all night.
  - 3. Sitab asked his mother if it was snowing all night.
  - 4. Sitab asked his mother if it has snowed all night.

Question ID : 8161612434  
Status : Answered  
Chosen Option : 2

Q.23 In the given sentence identify the segment which contains the grammatical error.

My hotel in Goa had a wonderful view of the sea in the window.

- Ans
- 1. had a wonderful view
  - 2. in the window
  - 3. My hotel in Goa
  - 4. of the sea

Question ID : 8161612446  
Status : Answered  
Chosen Option : 2

Q.24 Select the word which means the same as the group of words given.

Using right and left hand equally well

- Ans
- 1. Ambidextrous
  - 2. Left-handed
  - 3. Inexpert
  - 4. Unskilled

Question ID : 8161612437  
Status : Answered  
Chosen Option : 1

Q.25 Select the most appropriate word to fill in the blank in the given sentence.

The teacher \_\_\_\_\_ the student for cheating.

- Ans
- 1. refused
  - 2. invoked
  - 3. praised
  - 4. rebuked

Question ID : 8161612459  
Status : Answered  
Chosen Option : 4





**Q.1** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

1. All parrots are pigeons.
2. No pigeons are tables.

**Conclusions:**

- I. All pigeons are tables.
- II. No parrot is a tables.

- Ans**
- 1. Only conclusion I follows.
  - 2. Either conclusion I or II follows.
  - 3. Both conclusions I and II follow.
  - 4. Only conclusion II follows.

Question ID : 8161612477

Status : Answered

Chosen Option : 4



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Q.2 Select the option figure that can replace the question mark (?) in the following series.

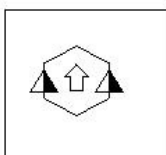


FIGURE 1

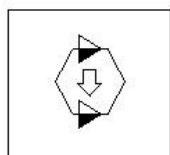


FIGURE 2

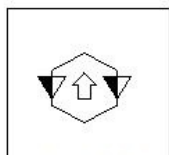


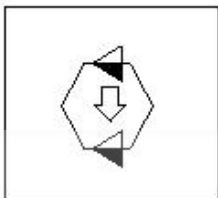
FIGURE 3



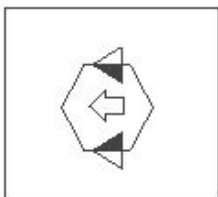
FIGURE 4

Ans

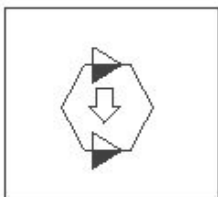
✗ 1.



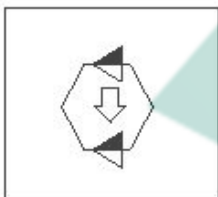
✗ 2.



✗ 3.



✓ 4.



Question ID : 8161612479

Status : Answered

Chosen Option : 4

Q.3 Complete the following series.

7, 16, 34, 70, \_\_\_\_, \_\_\_\_

Ans

✗ 1. 144, 292

✗ 2. 144, 286

✓ 3. 142, 286

✗ 4. 142, 294

Question ID : 8161612465

Status : Answered

Chosen Option : 3



**Q.4** Complete the following series by replacing the question mark (?) given in the series.

AZ, CX, EV, ? IR

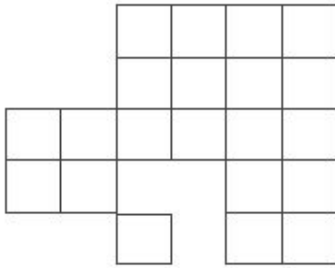
- Ans**
- 1. GS
  - 2. GT
  - 3. HT
  - 4. FT

Question ID : 8161612474

Status : Answered

Chosen Option : 2

**Q.5** How many squares are there in the given figure?



- Ans**
- 1. 29
  - 2. 33
  - 3. 32
  - 4. 34

Question ID : 8161612480

Status : Answered

Chosen Option : 3

**Q.6** Select the option in which the numbers share the same relationship as that shared by the given number-pair.

34 : 210

- Ans**
- 1. 47 : 282
  - 2. 66 : 402
  - 3. 54 : 100
  - 4. 38 : 236

Question ID : 8161612462

Status : Answered

Chosen Option : 4



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**Q.7** In a certain code language, 'LOCKER' is written as 'OLXPVT'. How will 'GLOBAL' be written as in that language?

- Ans
- 1. JOREDO
  - 2. HUYTRE
  - 3. TOLYZO
  - 4. UPMZAP

Question ID : 8161612468  
Status : Answered  
Chosen Option : 3

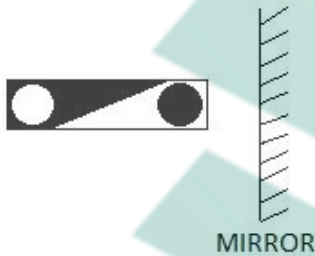
**Q.8** Select the option in which the numbers are related in the same way as are the numbers in the given set.

(5, 6, 61)

- Ans
- 1. (3, 8, 24)
  - 2. (9, 4, 26)
  - 3. (5, 2, 49)
  - 4. (3, 4, 25)

Question ID : 8161612463  
Status : Answered  
Chosen Option : 4

**Q.9** Select the correct mirror image of the given figure.

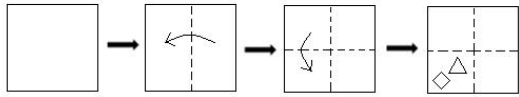


- Ans
- 1.
  - 2.
  - 3.
  - 4.

Question ID : 8161612483  
Status : Answered  
Chosen Option : 2



**Q.10** The sequence of folding a 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 : 8161612482  
 Status : Answered  
 Chosen Option : 4

**Q.11** If '+' means 'divided by', '-' means 'add', 'x' means 'minus' and '÷' means 'multiplied by', what will be the value of the following expression?

$$[((32 \times 24) - (4 \div 3)) + (3 - 2)] \div 3$$

- 1. 6
- 2. 8
- 3. 10
- 4. 12

Question ID : 8161612461  
 Status : Answered  
 Chosen Option : 4

**Q.12** In a certain code language, NIB is coded as 112 and COB is coded as 122. How will JET be coded as in that language?

- 1. 119
- 2. 102
- 3. 92
- 4. 81

Question ID : 8161612469



**Q.13** Select the option that is related to the third term in the same way as the second term is related to the first term.

EASY : IETZ :: LAKE : \_\_\_\_\_

- Ans**
- 1. MELI
  - 2. PELI
  - 3. MBLI
  - 4. PBKL

Question ID : 8161612476  
Status : Answered  
Chosen Option : 1

**Q.14** Select the option in which the numbers are related in the same way as are the numbers in the given set.

(9, 217, 8)

- Ans**
- 1. (4, 37, 3)
  - 2. (2, 76, 5)
  - 3. (5, 625, 6)
  - 4. (3, 49, 2)

Question ID : 8161612464  
Status : Answered  
Chosen Option : 1

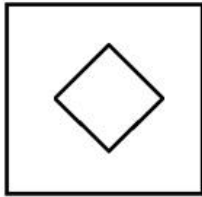
**Q.15** Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest.

- Ans**
- 1. 7-50
  - 2. 4-17
  - 3. 6-35
  - 4. 5-26

Question ID : 8161612466  
Status : Answered  
Chosen Option : 3

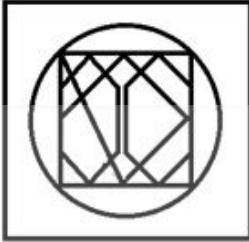


Q.16 Select the option in which the given figure is embedded. (Rotation is not allowed)

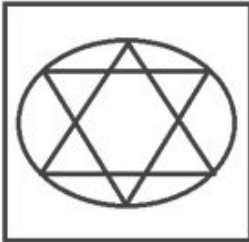


Ans

✗ 1.



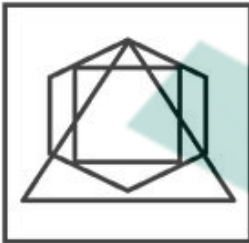
✗ 2.



✓ 3.



✗ 4.



Question ID : 8161612481  
Status : Answered  
Chosen Option : 2



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**Q.17** Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

LAME : OXPB :: TREE : ?

- Ans**
- 1. VNGB
  - 2. UMFA
  - 3. WOHB
  - 4. QUBH

Question ID : 8161612470

Status : Answered

Chosen Option : 3

**Q.18** Select the combination of letters that when sequentially placed from left to right in the blanks of the given letter series will complete the series.

\_ \_ bc \_ daabc \_ \_ a \_ \_ ccd

- Ans**
- 1. caccab
  - 2. aaccdab
  - 3. accdaac
  - 4. accdcb

Question ID : 8161612472

Status : Answered

Chosen Option : 1

**Q.19** There are 6 boys in a class of 11 students. A student is chosen from the class at random to be made the class monitor. What is the probability that the class monitor is a girl?

- Ans**
- 1.  $\frac{5}{11}$
  - 2. 1
  - 3.  $\frac{6}{11}$
  - 4.  $\frac{7}{11}$

Question ID : 8161612460

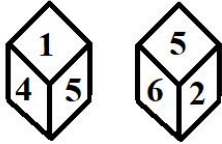
Status : Answered

Chosen Option : 1





**Q.20** Two positions of the same dice are shown. Select the number that will be on the face opposite to the one having the number 5.



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

Question ID : 8161612478  
 Status : Answered  
 Chosen Option : 2

**Q.21** X is the mother of A. Y is the sister of B's father. R is the father of B. A and Z are sisters. B is the brother of Z. How is R related to X?

- Ans
- 1. Father
  - 2. Father-in-law
  - 3. Son
  - 4. Husband

Question ID : 8161612473  
 Status : Answered  
 Chosen Option : 4

**Q.22** Select the Venn diagram that best represents the relationship between the following classes.

Chandigarh, India, Seoul

- Ans
- 1.
  - 2.
  - 3.
  - 4.

Question ID : 8161612484  
 Status : Answered  
 Chosen Option : 2



Q.23 Arrange the given words in a logical and meaningful sequence.

1. Shoulder
2. Thigh
3. Stomach
4. Chest
5. Face
6. Neck

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

Question ID : 8161612467  
Status : Answered  
Chosen Option : 1

Q.24 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. TSRQ
  - 2. PONL
  - 3. MLKJ
  - 4. WVUT

Question ID : 8161612475  
Status : Answered  
Chosen Option : 2

Q.25 Showing the picture of Shikha, Parul said, "she is the grandmother of my father's only son". How is the Shikha related to Parul?

- Ans
- 1. Grandmother
  - 2. Mother
  - 3. Sister
  - 4. Daughter in law

Question ID : 8161612471  
Status : Answered  
Chosen Option : 1

Section : Quantitative Aptitude(Basic Arithmetic Skill)



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**Q.1** Length and breadth of rectangular field are in the ratio 5 : 2. If the perimeter of the field is 238 m. Find the length of the field.

- Ans**
- 1. 84 m
  - 2. 85 m
  - 3. 82 m
  - 4. 83 m

Question ID : 8161612487

Status : Answered

Chosen Option : 2

**Q.2** A man divided his journey into three parts of distances of 18 km, 20 km and 27 km. He travelled the distances at the speeds of 6 km/h, 5 km/h and 9 km/h, respectively. What was his average speed during the entire journey?

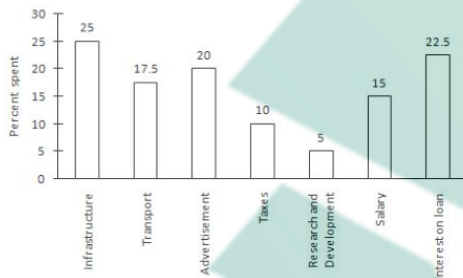
- Ans**
- 1. 6.5 km/h
  - 2. 4.5 km/h
  - 3. 7.5 km/h
  - 4. 5.5 km/h

Question ID : 8161612486

Status : Answered

Chosen Option : 1

**Q.3** The given graph represents the percentage distribution of the total expenditure of a company. Study the graph and answer the question that follows.



What is the ratio of the total expenditure on 'Infrastructure' and 'Transport' to the total expenditure on 'Taxes' and 'Interest on Loans'?

- Ans**
- 1. 16 : 13
  - 2. 15 : 13
  - 3. 17 : 13
  - 4. 14 : 13

Question ID : 8161612508

Status : Answered

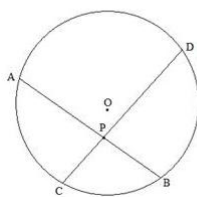
Chosen Option : 3



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**Q.4** In the given figure, O is the centre of the circle. Its two chords AB and CD intersect each other at the point P within the circle. If  $AB = 15$  cm,  $PB = 9$  cm,  $CP = 3$  cm, then find the length of PD.



- Ans**
- 1. 20 cm
  - 2. 22 cm
  - 3. 16 cm
  - 4. 18 cm

Question ID : 8161612494

Status : Answered

Chosen Option : 4

**Q.5** On selling a bike for ₹2500 a seller incurs a loss of 20%. What price would have caused him to lose 30%?

- Ans**
- 1. ₹2186.5
  - 2. ₹2187.5
  - 3. ₹2188.5
  - 4. ₹2185.5

Question ID : 8161612491

Status : Answered

Chosen Option : 2

**Q.6** If  $a - b = 4$  and  $a^3 - b^3 = 88$ , then find the value of  $a^2 - b^2$ .

- Ans**
- 1.  $7\sqrt{6}$
  - 2.  $9\sqrt{6}$
  - 3.  $6\sqrt{6}$
  - 4.  $8\sqrt{6}$

Question ID : 8161612500

Status : Answered

Chosen Option : 4



Q.7 If  $x + y + z = 10$ ,  $x^3 + y^3 + z^3 = 75$  and  $xyz = 15$ , then find the value of  $x^2 + y^2 + z^2 - xy - yz - zx$

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

Question ID : 8161612499  
Status : Answered  
Chosen Option : 1

Q.8 Mohan offers to sell his articles at a discount of 20%, but he marks his articles by increasing the price of each by 35%. What percentage would his gain be?

- Ans
- 1. 9%
  - 2. 7%
  - 3. 8%
  - 4. 10%

Question ID : 8161612489  
Status : Answered  
Chosen Option : 3

Q.9 Find the value of  $\frac{\tan 60^\circ - \tan 15^\circ}{1 + \tan 60^\circ \tan 15^\circ}$

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

Question ID : 8161612503  
Status : Answered  
Chosen Option : 2

Q.10 If  $3 \sec^2 x - 4 = 0$ , then the value of  $x$  ( $0 < x < 90^\circ$ )

- Ans
- 1.  $15^\circ$
  - 2.  $45^\circ$
  - 3.  $30^\circ$
  - 4.  $60^\circ$

Question ID : 8161612505  
Status : Answered  
Chosen Option : 4

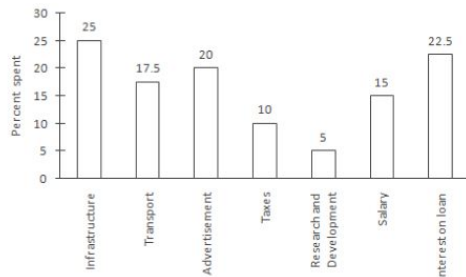


Q.11 Find the value of  $2.1 + 2.25 \div [63 - \{7.5 \times 8 + (13 - 2.5 \times 5)\}]$ .

- Ans  1. 3.0  
 2. 2.9  
 3. 3.1  
 4. 2.8

Question ID : 8161612502  
 Status : Answered  
 Chosen Option : 3

Q.12 The given graph represents the percentage distribution of the total expenditure of a company. Study the graph and answer the question that follows.



The expenditure on 'Interest on loans' is what percentage more than the expenditure on 'Transport'?

- Ans  1. 5%  
 2. 2%  
 3. 4%  
 4. 3%

Question ID : 8161612506  
 Status : Answered  
 Chosen Option : 2

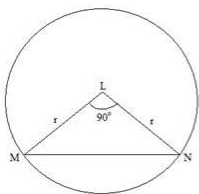
Q.13 A runner is running at a speed of 40 km/h. If he runs at a speed of 30 km/h, then what will the decrease in the percentage of his speed be?

- Ans  1. 30%  
 2. 25%  
 3. 20%  
 4. 15%

Question ID : 8161612490  
 Status : Answered  
 Chosen Option : 2



**Q.14** In the figure, L is the centre of the circle, and ML is the perpendicular to LN. If the area of the triangle MLN is 36, then the area of the circle is:



- Ans
- 1.  $68\pi$
  - 2.  $70\pi$
  - 3.  $66\pi$
  - 4.  $72\pi$

Question ID : 8161612495  
Status : Answered  
Chosen Option : 4

**Q.15** If  $4\cos^2\theta - 3\sin^2\theta + 2 = 0$ , then the value of  $\tan\theta$  is (where  $0 \leq \theta < 90^\circ$ )

- Ans
- 1. 1
  - 2.  $\sqrt{6}$
  - 3.  $\sqrt{2}$
  - 4.  $\frac{1}{\sqrt{3}}$

Question ID : 8161612504  
Status : Answered  
Chosen Option : 4

**Q.16** In how many years will the simple interest on a sum of money be equal to the principle at rate of  $12\frac{2}{4}\%$  p.a.?

- Ans
- 1. 7 years
  - 2. 8 years
  - 3. 6 years
  - 4. 5 years

Question ID : 8161612493  
Status : Answered  
Chosen Option : 2



**Q.17** ₹3,600 is divided between Seema, Komal and Rita, such that the ratios of the shares of Seema : Komal = 1.5 : 2 and Komal : Rita = 2 : 2.5. Find Rita's share.

- Ans**
- 1. ₹1,400
  - 2. ₹1,200
  - 3. ₹1,300
  - 4. ₹1,500

Question ID : **8161612492**  
Status : **Answered**  
Chosen Option : 4

**Q.18** The average of the runs of a cricket player in 20 matches is 35. If the average of the first 12 matches is 45, find the average of the last 8 matches.

- Ans**
- 1. 20
  - 2. 16
  - 3. 22
  - 4. 18

Question ID : **8161612488**  
Status : **Answered**  
Chosen Option : 1

**Q.19** When  $(77^{77} + 77)$  is divided by 78, the remainder is:

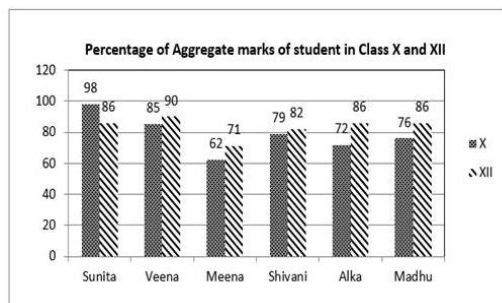
- Ans**
- 1. 74
  - 2. 77
  - 3. 75
  - 4. 76

Question ID : **8161612501**  
Status : **Answered**  
Chosen Option : 4





**Q.20** The following graph shows the performance in aggregate marks of 2 board examinations of a group of friends. On the basis of the graph, identify the girl who has shown the maximum improvement from class X to class XII.



- Ans**
- 1. Veena
  - 2. Alka
  - 3. Meena
  - 4. Madhu

Question ID : 8161612509

Status : Answered

Chosen Option : 3

**Q.21** 30 men working 8 hours per day can dig a pond in 16 days. By working how many hours per day can 32 men dig two same ponds, in 20 days?

- Ans**
- 1. 6 hours per day
  - 2. 7 hours per day
  - 3. 5 hours per day
  - 4. 8 hours per day

Question ID : 8161612485

Status : Answered

Chosen Option : 1

**Q.22** If  $a + b = 11$  and  $ab = 15$ , then  $a^2 + b^2$  is equal to:

- Ans**
- 1. 91
  - 2. 92
  - 3. 93
  - 4. 90

Question ID : 8161612498

Status : Answered

Chosen Option : 1



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**Q.23** XYZ is a triangle. If the medians ZL and YM intersect each other at G, then (Area of  $\Delta GLM$  : Area of  $\Delta XYZ$ ) is:

- Ans**
- 1. 1 : 12
  - 2. 1 : 14
  - 3. 1 : 11
  - 4. 1 : 10

Question ID : 8161612497

Status : Answered

Chosen Option : 1

**Q.24** PQR is an isosceles triangle such that  $PQ = QR = 10$  cm and  $\angle PQR = 90^\circ$ . What is the length of the perpendicular drawn from Q on PR?

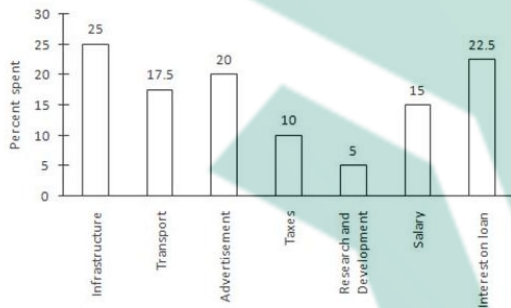
- Ans**
- 1.  $6\sqrt{2}$  cm
  - 2.  $7\sqrt{2}$  cm
  - 3.  $5\sqrt{2}$  cm
  - 4.  $4\sqrt{2}$  cm

Question ID : 8161612496

Status : Answered

Chosen Option : 3

**Q.25** The given graph represents the percentage distribution of the total expenditure of a company. Study the graph and answer the question that follows.



The total expenditure of the company is how many times the total expenditure on 'Research and Development' and 'Salary'?

- Ans**
- 1. 5.75
  - 2. 8.75
  - 3. 7.75
  - 4. 6.75

Question ID : 8161612507

Status : Answered

Chosen Option : 1



Q.1 New Delhi's Lotus Temple was designed by an architect from \_\_\_\_\_.

- Ans
- 1. Iran
  - 2. Germany
  - 3. Japan
  - 4. UAE

Question ID : 8161612513  
Status : Answered  
Chosen Option : 2

Q.2 When did the Sarkaria Commission submit its report?

- Ans
- 1. 1986
  - 2. 1988
  - 3. 1984
  - 4. 1985

Question ID : 8161612531  
Status : Answered  
Chosen Option : 4

Q.3 Which country is to train Indian flight surgeons to enable them to monitor the health of astronauts selected for the human space mission Gaganyaan?

- Ans
- 1. Russia
  - 2. USA
  - 3. China
  - 4. France

Question ID : 8161612514  
Status : Answered  
Chosen Option : 4

Q.4 The famous Gupta period Dashavatara Temple, recognised as one of the earliest Panchayatan temples in north India, is located at:

- Ans
- 1. Tigawa
  - 2. Deogarh
  - 3. Nachna-Kuthara
  - 4. Bhitargaon

Question ID : 8161612526  
Status : Answered  
Chosen Option : 3



Q.5 How many person(s) has/have been selected for the Rajiv Gandhi Khel Ratna Award, 2019?

- Ans
- 1. 3
  - 2. 1
  - 3. 4
  - 4. 2

Question ID : 8161612532  
Status : Answered  
Chosen Option : 1

Q.6 Who among the following took charge as the 39th President of the BCCI in October 2019?

- Ans
- 1. Sashank Manohar
  - 2. CK Khanna
  - 3. Sourav Ganguly
  - 4. Anurag Thakur

Question ID : 8161612533  
Status : Answered  
Chosen Option : 3

Q.7 Which of the following divisions of plants does NOT have a well differentiated body?

- Ans
- 1. Gymnosperms
  - 2. Bryophyta
  - 3. Thallophyta
  - 4. Pteridophyta

Question ID : 8161612519  
Status : Answered  
Chosen Option : 4

Q.8 What is the name of the first crude oil pipeline constructed in India?

- Ans
- 1. Kandla-Bhatinda Pipeline
  - 2. Hajira-Bijapur-Jagdishpur (HBJ) Gas Pipeline
  - 3. Naharkatia-Nunmati-Barauni Pipeline
  - 4. Mumbai High-Mumbai-Ankleshwar-Kayoli Pipeline

Question ID : 8161612522  
Status : Answered  
Chosen Option : 2



Q.9 What was the magnitude of the Indian Ocean Tsunami 2004?

- Ans
- 1. 8.6
  - 2. 8.9
  - 3. 9.1
  - 4. 7.4

Question ID : 8161612525  
Status : Answered  
Chosen Option : 1

Q.10 In the field of computing, what does ENIAC stand for?

- Ans
- 1. Electronic Numerical Integrated Advanced Computer
  - 2. Electronic Numerical Integrator and Computer
  - 3. Electronic Numbers Integration and Computer
  - 4. Electronic Numerals Integration and Computing

Question ID : 8161612511  
Status : Answered  
Chosen Option : 1

Q.11 Which of the following sectors of the economy has the highest share in India's GDP?

- Ans
- 1. Industrial
  - 2. Service
  - 3. Manufacturing
  - 4. Agriculture

Question ID : 8161612517  
Status : Answered  
Chosen Option : 4

Q.12 The F7 key is commonly used in Microsoft programs such as Microsoft Word, Outlook, etc. for:

- Ans
- 1. renaming files and folders
  - 2. searching content in various apps
  - 3. checking spellings and grammar
  - 4. opening help

Question ID : 8161612510  
Status : Answered  
Chosen Option : 3



Q.13 The National Game of Bhutan is:

- Ans
- 1. taekwondo
  - 2. shooting
  - 3. archery
  - 4. wrestling

Question ID : 8161612534  
Status : Answered  
Chosen Option : 1

Q.14 Which of the following banks prints the currency notes in India?

- Ans
- 1. Reserve Bank of India
  - 2. NABARD
  - 3. ICICI Bank
  - 4. State Bank of India

Question ID : 8161612518  
Status : Answered  
Chosen Option : 1

Q.15 During the phenomenon of aphelion, the approximate distance between the earth and the sun is:

- Ans
- 1. 152 million km
  - 2. 137 million km
  - 3. 142 million km
  - 4. 147 million km

Question ID : 8161612524  
Status : Answered  
Chosen Option : 4

Q.16 The novel 'Chanakya' which won the Sahitya Akademi Award in 2019 was in which language?

- Ans
- 1. Assamese
  - 2. Hindi
  - 3. Bengali
  - 4. Gujarati

Question ID : 8161612529  
Status : Answered  
Chosen Option : 3



Q.17 What is the symbol of Tin?

- Ans
- 1. Ti
  - 2. Si
  - 3. Ta
  - 4. Sn

Question ID : 8161612521  
Status : Answered  
Chosen Option : 4

Q.18 What is the approximate speed of sound in distilled water at 25°C (77°F)?

- Ans
- 1. 1598 m/s
  - 2. 1284 m/s
  - 3. 1498 m/s
  - 4. 3980 m/s

Question ID : 8161612520  
Status : Answered  
Chosen Option : 3

Q.19 Which of the following Articles of the Constitution of India has a provision for the Constitution of Legislatures in States?

- Ans
- 1. 165
  - 2. 168
  - 3. 163
  - 4. 167

Question ID : 8161612530  
Status : Answered  
Chosen Option : 2

Q.20 Who was the founder of the City of Hyderabad?

- Ans
- 1. Nizam-ul-Mulk
  - 2. Sekhabat Jung
  - 3. Salabat Jung
  - 4. Nasir Jung

Question ID : 8161612527  
Status : Answered  
Chosen Option : 2



Q.21 How many West African nations agreed to change the name of their common currency from 'CFA Franc' to 'Eco' in December 2019?

- Ans
- 1. 5
  - 2. 8
  - 3. 6
  - 4. 7

Question ID : 8161612516  
Status : Answered  
Chosen Option : 3

Q.22 Ethiopia's first satellite was launched from which Country's Space Station in December 2019?

- Ans
- 1. China
  - 2. USA
  - 3. India
  - 4. Russia

Question ID : 8161612515  
Status : Answered  
Chosen Option : 4

Q.23 Most of the atmospheric Ozone is found in which layer of atmosphere?

- Ans
- 1. Thermosphere
  - 2. Stratosphere
  - 3. Mesosphere
  - 4. Troposphere

Question ID : 8161612523  
Status : Answered  
Chosen Option : 2

Q.24 Miss Universe 2019 is the native of which of the following nations?

- Ans
- 1. South Africa
  - 2. Australia
  - 3. France
  - 4. Jamaica

Question ID : 8161612528  
Status : Answered  
Chosen Option : 4





Q.25 Bhatiali is the folk music of which of the following states?

- Ans
- 1. Karnataka
  - 2. Tamil Nadu
  - 3. West Bengal
  - 4. Kerala

Question ID : 8161612512  
Status : Answered  
Chosen Option : 2



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