

**Combined Higher Secondary Level Examination 2019 Tier I**

Roll Number	
Candidate Name	
Venue Name	
Exam Date	15/10/2020
Exam Time	4:00 PM - 5:00 PM
Subject	CHSL Tier 1

Section : English Language (Basic Knowledge)

**Q.1** 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.

She was looking troubled when the teacher asked her to submit the homework.

- Ans
- 1. had been trouble
  - 2. is look trouble
  - 3. was troubling
  - 4. No improvement

Question ID : 424429620  
Status : Answered  
Chosen Option : 4

**Q.2** Select the word which means the same as the group of words given.

Come in the way of

- Ans
- 1. Indulge
  - 2. Facilitate
  - 3. Hamper
  - 4. Deprive

Question ID : 424429628  
Status : Answered  
Chosen Option : 3

**Q.3** Select the correct indirect form of the given sentence.

Neeta said, "Let me see how Pragya performs in her preboard examinations."

- Ans
- 1. Neeta said that she wanted to see how Pragya performed in her preboard examinations.
  - 2. Neeta said I would see how Pragya performed in her preboard examinations.
  - 3. Neeta wants to see Pragya's performance in her preboard examinations.
  - 4. Neeta wanted to see how Pragya would perform in her preboard examinations.

Question ID : 424429608  
Status : Answered  
Chosen Option : 1

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Q.4 Select the word which means the same as the group of words given.

An unforeseen happening which creates some damage

- Ans
- 1. Mystery
  - 2. Menace
  - 3. Magical
  - 4. Mishap

Question ID : 424429627  
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.

A recent census of waterbirds conducted as a part of Asian Waterbird Census (1)\_\_\_\_\_ an increase in their population in Najafgarh Jheel this year. The census also showed a (2)\_\_\_\_\_ in the number of threatened species. Last year, the number of waterbird species were thirty-one which climbed to fifty- four this year, while the threatened variety (3)\_\_\_\_\_ from four to six in the same duration. The region also saw a healthy monsoon in 2019, which would have (4)\_\_\_\_\_ impacted the quality of habitat, making it (5)\_\_\_\_\_ to more birds.

SubQuestion No : 5

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

- Ans
- 1. recorded
  - 2. responded
  - 3. played
  - 4. reaped

Question ID : 424429612  
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.

A recent census of waterbirds conducted as a part of Asian Waterbird Census (1)\_\_\_\_\_ an increase in their population in Najafgarh Jheel this year. The census also showed a (2)\_\_\_\_\_ in the number of threatened species. Last year, the number of waterbird species were thirty-one which climbed to fifty- four this year, while the threatened variety (3)\_\_\_\_\_ from four to six in the same duration. The region also saw a healthy monsoon in 2019, which would have (4)\_\_\_\_\_ impacted the quality of habitat, making it (5)\_\_\_\_\_ to more birds.

SubQuestion No : 6

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

- Ans
- 1. wealth
  - 2. health
  - 3. slowdown
  - 4. growth

Question ID : 424429613  
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.

A recent census of waterbirds conducted as a part of Asian Waterbird Census (1)\_\_\_\_\_ an increase in their population in Najafgarh Jheel this year. The census also showed a (2)\_\_\_\_\_ in the number of threatened species. Last year, the number of waterbird species were thirty-one which climbed to fifty- four this year, while the threatened variety (3)\_\_\_\_\_ from four to six in the same duration. The region also saw a healthy monsoon in 2019, which would have (4)\_\_\_\_\_ impacted the quality of habitat, making it (5)\_\_\_\_\_ to more birds.

**SubQuestion No : 7**

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

- Ans
- 1. had risen
  - 2. rose
  - 3. rises
  - 4. is risen

Question ID : 424429614

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.

A recent census of waterbirds conducted as a part of Asian Waterbird Census (1)\_\_\_\_\_ an increase in their population in Najafgarh Jheel this year. The census also showed a (2)\_\_\_\_\_ in the number of threatened species. Last year, the number of waterbird species were thirty-one which climbed to fifty- four this year, while the threatened variety (3)\_\_\_\_\_ from four to six in the same duration. The region also saw a healthy monsoon in 2019, which would have (4)\_\_\_\_\_ impacted the quality of habitat, making it (5)\_\_\_\_\_ to more birds.

**SubQuestion No : 8**

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

- Ans
- 1. decently
  - 2. dutily
  - 3. directly
  - 4. deftly

Question ID : 424429615

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.

A recent census of waterbirds conducted as a part of Asian Waterbird Census (1)\_\_\_\_\_ an increase in their population in Najafgarh Jheel this year. The census also showed a (2)\_\_\_\_\_ in the number of threatened species. Last year, the number of waterbird species were thirty-one which climbed to fifty- four this year, while the threatened variety (3)\_\_\_\_\_ from four to six in the same duration. The region also saw a healthy monsoon in 2019, which would have (4)\_\_\_\_\_ impacted the quality of habitat, making it (5)\_\_\_\_\_ to more birds.

**SubQuestion No : 9**

**Q.9** Select the most appropriate option for blank number 5.

- Ans  1. attractive  
 2. possible  
 3. unattractive  
 4. impossible

Question ID : 424429616  
Status : Answered  
Chosen Option : 1

**Q.10** In the given sentence identify the segment which contains the grammatical error.

The neighbourhood were getting disturbed with the loud music that was playing at the wedding party in the big bungalow.

- Ans  1. in the big bungalow  
 2. The neighbourhood were getting disturbed  
 3. that was playing  
 4. at the wedding party

Question ID : 424429610  
Status : Answered  
Chosen Option : 1

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

- Ans  1. Escalation  
 2. Irritable  
 3. Appreciation  
 4. Irational

Question ID : 424429625  
Status : Answered  
Chosen Option : 4

Q.12 Select the most appropriate meaning of the given idiom.

To fall on deaf ears

- Ans
- 1. To be paid attention
  - 2. To be ignored
  - 3. To be listened carefully
  - 4. To be aware of what is going on

Question ID : 424429624  
Status : Answered  
Chosen Option : 2

Q.13 Select the most appropriate word to fill in the blank in the given sentence.

Today's \_\_\_\_\_ are only interested in watching movies with the stories they can relate to the cinema.

- Ans
- 1. politics
  - 2. personalities
  - 3. audiences
  - 4. accountants

Question ID : 424429632  
Status : Answered  
Chosen Option : 3

Q.14 Four jumbled sentences are given. Select the option that gives their correct order.

- A. Saranda forests, in Singbhum, are a huge catchment for rivers and streams in this state.
- B. If these forests are opened up for mining purposes the remaining rivers and streams will dry up.
- C. The state of Jharkand faces water scarcity every summer.
- D. These forests are India's largest contiguous Sal forests and the current plan says mining should not be allowed in the dense forest as rivers are drying up.

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

Question ID : 424429618  
Status : Answered  
Chosen Option : 4

Q.15 Select the most appropriate meaning of the given idiom.

Eat humble pie

- Ans
- 1. Make noise while eating
  - 2. Eat less food
  - 3. Eat something which is not tasty
  - 4. Admit that you are wrong

Question ID : 424429623  
Status : Answered  
Chosen Option : 4

Q.16 Select the most appropriate word to fill in the blank in the given sentence.

The flyover was closed in October last year for repairs but its reopening has been \_\_\_\_\_ as it will be ready only in March this year.

- Ans
- 1. repaired
  - 2. broken
  - 3. delayed
  - 4. built

Question ID : 424429631  
Status : Answered  
Chosen Option : 3

Q.17 Select the most appropriate ANTONYM of the given word

FRAGILE

- Ans
- 1. Fancy
  - 2. Slow
  - 3. Strong
  - 4. Fast

Question ID : 424429621  
Status : Answered  
Chosen Option : 3

Q.18 Select the correct passive form of given sentence.

We can buy diamonds, but we cannot buy sympathy.

- Ans
- 1. Diamonds can be bought but sympathy can be brought.
  - 2. Diamonds cannot be bought but sympathy cannot be brought.
  - 3. Diamonds can be bought but sympathy cannot be brought.
  - 4. Diamonds can be bought and sympathy cannot be brought.

Question ID : 424429607  
Status : Answered  
Chosen Option : 3

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

IMPROMPTU

- Ans
- 1. Planned
  - 2. Fast
  - 3. Appropriate
  - 4. Unplanned

Question ID : 424429622  
Status : Answered  
Chosen Option : 1

Q.20 In the given sentence identify the segment which contains the grammatical error.

The park was well lighted at night but it was deserted, so it was a bit scared.

- Ans
- 1. The park was well lighted
  - 2. but it was deserted
  - 3. so it was a bit scared
  - 4. at night

Question ID : 424429609  
Status : Answered  
Chosen Option : 3

Q.21 Select the most appropriate synonym of the given word.

INTERSPERSED

- Ans
- 1. Scattered
  - 2. Wore
  - 3. Met
  - 4. Collected

Question ID : 424429630  
Status : Answered  
Chosen Option : 1

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.

"Did you tell your parents that you would going for a movie with me this evening?" My friend asked me.

- Ans
- 1. then you were being gone
  - 2. that you are going
  - 3. this that you was going
  - 4. when you will going

Question ID : 424429619  
Status : Answered  
Chosen Option : 2

Q.23 Select the INCORRECTLY spelt word.

- Ans
- 1. Suppression
  - 2. Implicatted
  - 3. Coercion
  - 4. Pressurised

Question ID : 424429626  
Status : Answered  
Chosen Option : 2

Q.24 Four jumbled sentences are given. Select the option that gives their correct order.

- A. The minimum temperature in the national capital dropped yesterday as cold north westerly winds continued to blow in from the hills.
- B. North India has been witnessing a harsh winter this year.
- C. However, experts said the minimum temperatures would increase over the next few days due to a cloud cover.
- D. A favourable outcome of the wind factor was that there was a slight decrease in air pollution levels due to the wind speeds.

- Ans
- 1. CDAB
  - 2. BADC
  - 3. BCDA
  - 4. ABDC

Question ID : 424429617  
Status : Answered  
Chosen Option : 2

Q.25 Select the most appropriate synonym of the given word.

MASQUERADED

- Ans
- 1. Disappeared
  - 2. Dropped
  - 3. Acted
  - 4. Managed

Question ID : 424429629  
Status : Not Answered  
Chosen Option : --

Section : General Intelligence

Q.1 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. 25 : 200
  - 2. 15 : 120
  - 3. 22 : 166
  - 4. 14 : 112

Question ID : 424429639  
Status : Answered  
Chosen Option : 3

Q.2 'पर्दा', 'कपड़ा' से उसी प्रकार संबंधित है जिस प्रकार 'आभूषण' '\_\_\_\_\_' से संबंधित है।

- Ans
- 1. बहुमूल्य
  - 2. स्वर्ण
  - 3. स्वर्णकार
  - 4. सौंदर्य

Question ID : 424429644  
Status : Answered  
Chosen Option : 2

Q.3 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(4, 67, 20)

- Ans
- 1. (3, 30, 12)
  - 2. (5, 28, 56)
  - 3. (6, 219, 44)
  - 4. (7, 52, 104)

Question ID : 424429637  
Status : Answered  
Chosen Option : 1

Q.4 Pointing to the photograph of a boy, Vikas said, "His father's mother, Sunitha, is my wife's sister's mother". How is Sunitha related to Vikas?

- Ans
- 1. Mother-in-law
  - 2. Maternal grandmother
  - 3. Maternal aunt
  - 4. Mother

Question ID : 424429646  
Status : Answered  
Chosen Option : 1

Q.5 Select the option that is related to the third number in the same way as the second number is related to the first number.

11 : 143 :: 23 : ?

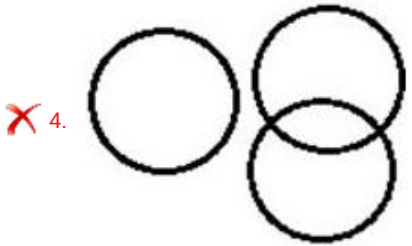
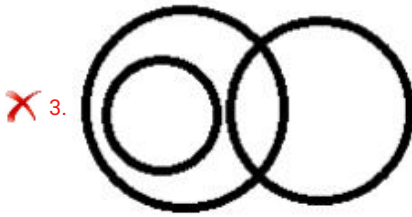
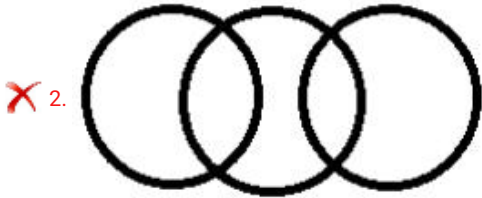
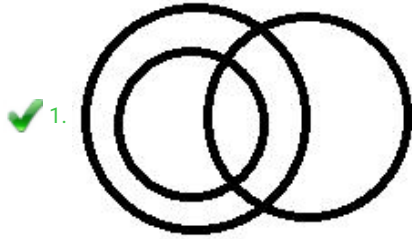
- Ans
- 1. 572
  - 2. 667
  - 3. 470
  - 4. 529

Question ID : 424429635  
Status : Not Attempted and  
Marked For Review  
Chosen Option : --

Q.6 Select the Venn diagram that best represents the relationship between the following words.

Graduates, Post-graduates, Sisters

Ans



Question ID : 424429657

Status : Answered

Chosen Option : 1

Q.7 Select the correct option that arranges the following words in a logical and meaningful order.

1. Infant
2. Old age
3. Adolescent
4. Adult
5. Childhood

- Ans
- ✗ 1. 1, 5, 3, 2, 4
  - ✓ 2. 1, 5, 3, 4, 2
  - ✗ 3. 5, 1, 3, 4, 2
  - ✗ 4. 5, 1, 4, 3, 2

Question ID : 424429640

Status : Answered

Chosen Option : 2

Q.8 Which two numbers should be interchanged to make the given equation correct?

$$7 + 24 \times 3 - 72 \div 18 = 58$$

- Ans
- 1. 18 and 24
  - 2. 3 and 7
  - 3. 7 and 18
  - 4. 72 and 24

Question ID : 424429634  
Status : Answered  
Chosen Option : 1

Q.9 Select the option in which the words share the same relationship as that shared by the given pair of words.

Asia : China

- Ans
- 1. Asia : Antarctica
  - 2. Thailand : Bangkok
  - 3. Asia : Malaysia
  - 4. Africa : Continent

Question ID : 424429647  
Status : Answered  
Chosen Option : 3

Q.10 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(16, 88, 296)

- Ans
- 1. (28, 140, 518)
  - 2. (12, 66, 222)
  - 3. (20, 110, 250)
  - 4. (14, 77, 385)

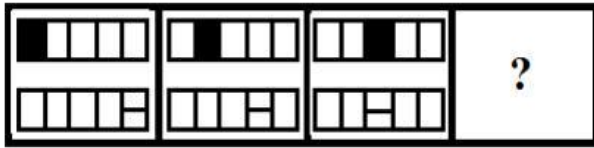
Question ID : 424429636  
Status : Answered  
Chosen Option : 2

Q.11 In a certain code language, 'PROCTOR' is written as 'RUSBURW'. How will 'HOSTING' be written as in that language?

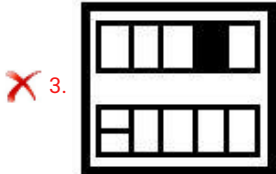
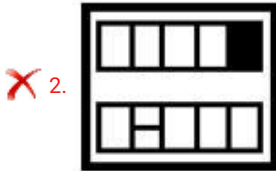
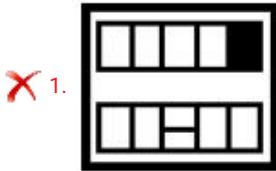
- Ans
- 1. VQKSLSL
  - 2. VRKSJQL
  - 3. VRKTJRL
  - 4. WXKSJQN

Question ID : 424429641  
Status : Answered  
Chosen Option : 2

Q.12 Select the figure that can replace the question mark (?) in following figure series.

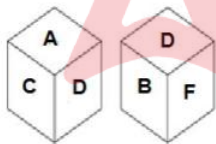


Ans



Question ID : 424429652  
Status : Answered  
Chosen Option : 4

Q.13 Two different positions of the same dice are shown, the six faces of which are marked by the letters A, B, C, D, E and F. Which letter will be on the face opposite to the one showing 'D'?



- Ans
- ✗ 1. C
  - ✗ 2. F
  - ✓ 3. E
  - ✗ 4. A

Question ID : 424429651  
Status : Answered  
Chosen Option : 3

Q.14 Select the number that can replace the question mark (?) in the following series.

114, 121, 138, 175, 242, ?

- Ans
- 1. 349
  - 2. 347
  - 3. 356
  - 4. 345

Question ID : 424429638  
Status : Answered  
Chosen Option : 1

Q.15 In a certain code language, 'VARIOUS' is coded as '519812254418'. How will 'PENSION' be coded as in that language?

- Ans
- 1. 16551388120513
  - 2. 11251388122513
  - 3. 16251488122812
  - 4. 11241398122514

Question ID : 424429642  
Status : Answered  
Chosen Option : 2

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

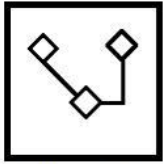
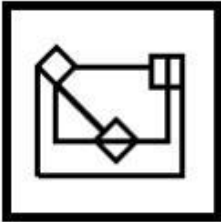


Figure X

Ans

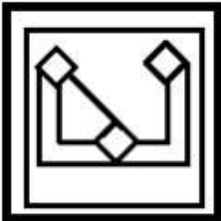
✗ 1.



✓ 2.



✗ 3.



✗ 4.



Question ID : 424429654

Status : Answered

Chosen Option : 2

**Q.17** 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 conclusions logically follow(s) from the statements.

**Statements:**

1. All bottles are jugs.
2. Some jugs are glasses.

**Conclusions:**

- I. Some jugs are bottles.
- II. Some glasses are jugs.
- III. All glasses are bottles.

- Ans**
- 1. Only conclusions II and III follow.
  - 2. Only conclusions I follows.
  - 3. Only conclusions II follows.
  - 4. Only conclusions I and II follow.

Question ID : 424429650  
Status : Answered  
Chosen Option : 4

**Q.18** X is 5 years older than Y. The total of the current ages of X and Y is 33 years. What will be the age of Y after 7 years?

- Ans**
- 1. 22 years
  - 2. 20 years
  - 3. 14 years
  - 4. 21 years

Question ID : 424429633  
Status : Answered  
Chosen Option : 4

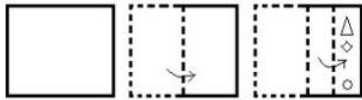
**Q.19** Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

TZS : WCV :: KQP : ?

- Ans**
- 1. NSP
  - 2. MTS
  - 3. NTP
  - 4. NTS

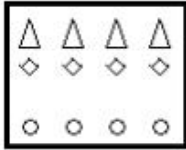
Question ID : 424429643  
Status : Answered  
Chosen Option : 4

**Q.20** 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. Select from the option figures, how would this paper look when unfolded?

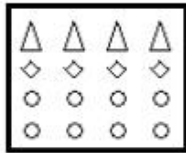


Ans

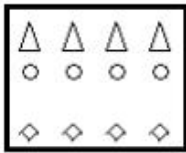
✓ 1.



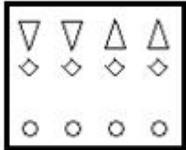
✗ 2.



✗ 3.

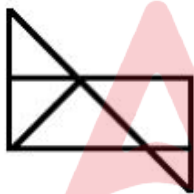


✗ 4.



Question ID : 424429655  
Status : Answered  
Chosen Option : 1

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



Ans

✓ 1. 7

✗ 2. 5

✗ 3. 6

✗ 4. 8

Question ID : 424429653  
Status : Answered  
Chosen Option : 1

**Q.22** 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.

L \_ UK \_ A \_ KLA \_ KL \_ UK

- Ans
- 1. KLAUL
  - 2. LUUAL
  - 3. ALUUA
  - 4. AUUAL

Question ID : 424429645  
Status : Answered  
Chosen Option : 3

**Q.23** 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. CUZ
  - 2. DPT
  - 3. EYC
  - 4. BDH

Question ID : 424429648  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.24** Select the correct mirror image of the given letter-cluster when a vertical mirror is placed on the right side of the cluster.

R h f g b q

- Ans
- 1. b q p t h R
  - 2. p d g t h R
  - 3. p d p t h R
  - 4. p d p t h R

Question ID : 424429656  
Status : Answered  
Chosen Option : 4

**Q.25** Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans
- 1. Dollar
  - 2. Oslo
  - 3. Yuan
  - 4. Dinar

Question ID : 424429649  
Status : Answered  
Chosen Option : 2

Section : Quantitative Aptitude(Basic Arithmetic Skill)

Q.1

Find the value of  $\frac{\cos^2 30^\circ - \sin^2 30^\circ}{\sin^2 15^\circ + \cos^2 15^\circ}$ .

Ans

- 1.  $\frac{1}{2}$
- 2. 1
- 3.  $1 - \sqrt{3}$
- 4. 0

Question ID : 424429676

Status : Answered

Chosen Option : 1

Q.2 Rita's income is 15% less than Richa's income. By what percent is Richa's income more than Rita's income?

Ans

- 1.  $15\frac{11}{17}\%$
- 2.  $17\frac{11}{17}\%$
- 3.  $16\frac{11}{17}\%$
- 4.  $14\frac{11}{17}\%$

Question ID : 424429663

Status : Answered

Chosen Option : 2

Q.3 If  $\sec\theta - \tan\theta = 3$ , then  $\cos\theta$  is equal to:

Ans

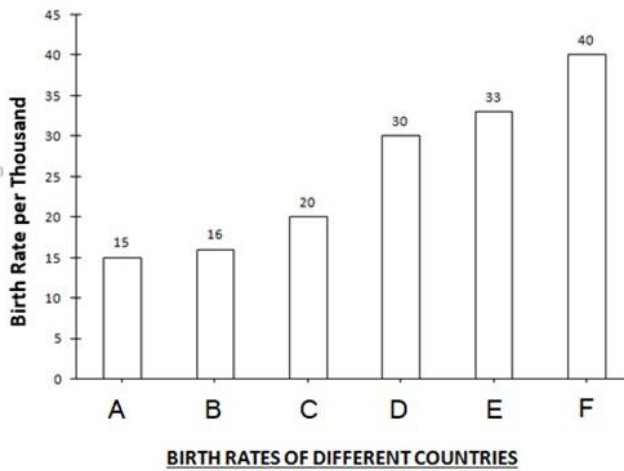
- 1.  $\frac{3}{7}$
- 2.  $\frac{2}{5}$
- 3.  $\frac{3}{5}$
- 4.  $\frac{4}{9}$

Question ID : 424429677

Status : Answered

Chosen Option : 3

Q.4 Observe the following bar-graph carefully and answer the following questions:

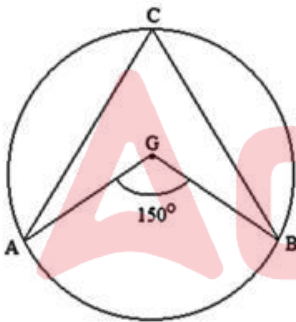


The birth rate of Country C is approximately what percentage of the birth rate of Country E?

- Ans
- 1. 70%
  - 2. 65%
  - 3. 75%
  - 4. 60%

Question ID : 424429682  
Status : Answered  
Chosen Option : 4

Q.5 In the figure



'G' is the centre of the circle. Find the angle ACB when  $\angle AGB = 150^\circ$

- Ans
- 1.  $50^\circ$
  - 2.  $60^\circ$
  - 3.  $65^\circ$
  - 4.  $75^\circ$

Question ID : 424429667  
Status : Answered  
Chosen Option : 4

Q.6 The ratio of the areas of two squares is 16 : 1. Find the ratio between their perimeters.

- Ans
- 1. 8 : 1
  - 2. 3 : 1
  - 3. 4 : 1
  - 4. 12 : 1

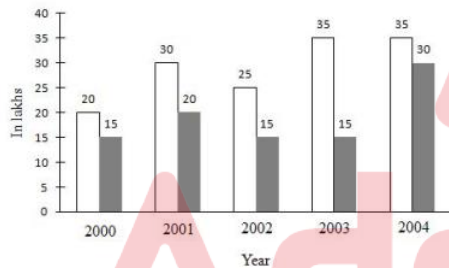
Question ID : 424429660  
Status : Answered  
Chosen Option : 3

Q.7 Find the value of  $225 - [42 - \{25 - (18 - 18 + 13)\}]$ .

- Ans
- 1. 222
  - 2. 221
  - 3. 223
  - 4. 244

Question ID : 424429675  
Status : Answered  
Chosen Option : 2

Q.8 In the given bar graph, the white bar shows the income and the black bar shows the expenditure of a company. Study the graph and answer the question that follows.



The income in 2001 was equal to the expenditure in the year:

- Ans
- 1. 2002
  - 2. 2003
  - 3. 2000
  - 4. 2004

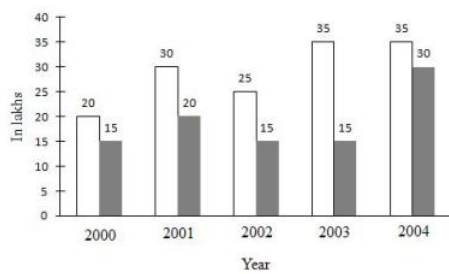
Question ID : 424429679  
Status : Answered  
Chosen Option : 4

Q.9 If  $2a + 3b = 8$  and  $ab = 5$ , then find the value of  $4a^2 + 9b^2$ .

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

Question ID : 424429672  
Status : Answered  
Chosen Option : 2

Q.10 In the given bar graph, the white bar shows the income and the black bar shows the expenditure of a company. Study the graph and answer the question that follows.



The expenditure from 2001 to 2002 decreased by:

- Ans
- 1.  $33\frac{1}{3}\%$
  - 2.  $35\frac{1}{3}\%$
  - 3.  $36\frac{1}{3}\%$
  - 4.  $34\frac{1}{3}\%$

Question ID : 424429681  
Status : Answered  
Chosen Option : 1

Q.11 A man sold his furniture at a 25% gain. Had he sold it at 15% loss, he would have received ₹800 less. Find cost price of the furniture.

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

Question ID : 424429664  
Status : Answered  
Chosen Option : 3

Q.12 The fourth proportional to 10, 12, 15 is:

- Ans
- 1. 24
  - 2. 22
  - 3. 18
  - 4. 20

Question ID : 424429665  
Status : Answered  
Chosen Option : 3

Q.13 Which of the following numbers is divisible by 3?

- Ans
- 1. 8703572
  - 2. 8703541
  - 3. 8703593
  - 4. 8765001

Question ID : 424429674  
Status : Answered  
Chosen Option : 4

Q.14 If  $\tan^2 x - 3\sec^2 x + 3 = 0$ , then the value of  $x$  ( $0 \leq x \leq 90^\circ$ ) is:

- Ans
- 1.  $60^\circ$
  - 2.  $0^\circ$
  - 3.  $30^\circ$
  - 4.  $45^\circ$

Question ID : 424429678  
Status : Answered  
Chosen Option : 1

Q.15 If  $x + y = 15$  and  $xy = 14$ , then the value of  $x - y$  is:

- Ans
- 1. 11
  - 2. 12
  - 3. 14
  - 4. 13

Question ID : 424429671  
Status : Answered  
Chosen Option : 4

Q.16 Given that the mean of five numbers is 28. If one of them is excluded, the mean gets reduced by 5. Determine the excluded number.

- Ans
- 1. 46
  - 2. 48
  - 3. 47
  - 4. 45

Question ID : 424429661  
Status : Answered  
Chosen Option : 2

Q.17 A blanket is sold for ₹680 at the discounts of 15% and 20%. Find the printed price of the blanket.

- Ans
- 1. ₹800
  - 2. ₹950
  - 3. ₹900
  - 4. ₹1000

Question ID : 424429662  
Status : Answered  
Chosen Option : 4

Q.18 The area of the largest triangle that can be inscribed in a semi-circle of radius 4 cm in square centimetres is

- Ans
- 1.  $16 \text{ cm}^2$
  - 2.  $14 \text{ cm}^2$
  - 3.  $12 \text{ cm}^2$
  - 4.  $18 \text{ cm}^2$

Question ID : 424429670  
Status : Answered  
Chosen Option : 1

Q.19 In  $\Delta XYZ$ , if G is the centroid and XL is the median with length 18 cm, then the length of XG is:

- Ans
- 1. 14 cm
  - 2. 16 cm
  - 3. 12 cm
  - 4. 10 cm

Question ID : 424429669  
Status : Answered  
Chosen Option : 3

Q.20 Rakesh walking at the speed of 8 km/h crosses a bridge in 30 minutes. What is the length of the bridge in kilometres?

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

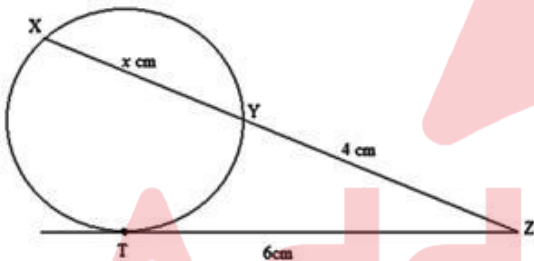
Question ID : 424429659  
 Status : Answered  
 Chosen Option : 1

Q.21 In how many years will a sum of ₹5,000 yield a simple interest of ₹2,000 at an interest rate of 10% p.a.?

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

Question ID : 424429666  
 Status : Answered  
 Chosen Option : 3

Q.22 In the given figure



$XYZ$  is a secant and  $ZT$  is a tangent. What is the value of  $x$ .

- Ans  1. 9  
 2. 5  
 3. 8  
 4. 7

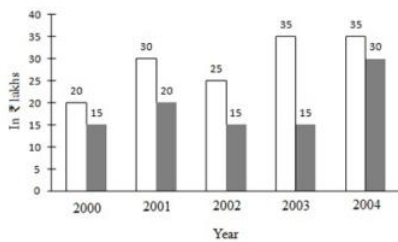
Question ID : 424429668  
 Status : Answered  
 Chosen Option : 2

**Q.23** How many men will be required to plough 50 acres of land in 10 days if 15 men required 6 days to plough 10 acres of land?

- Ans**
- 1. 45
  - 2. 40
  - 3. 55
  - 4. 50

Question ID : 424429658  
 Status : Answered  
 Chosen Option : 1

**Q.24** In the given bar graph, the white bar shows the income and the black bar shows the expenditure of company (in ₹ lakhs). Study the graph and answer the question that follows.



The percentage decrease in the income of the company in 2002 as compared to that in 2001 is:

- Ans**
- 1. 18%
  - 2.  $24\frac{1}{3}\%$
  - 3.  $16\frac{2}{3}\%$
  - 4. 22%

Question ID : 424429680  
 Status : Answered  
 Chosen Option : 3

**Q.25** If  $a = 355$ ,  $b = 356$ ,  $c = 357$ , then find the value of  $a^3 + b^3 + c^3 - 3abc$ .

- Ans**
- 1. 3208
  - 2. 3202
  - 3. 3206
  - 4. 3204

Question ID : 424429673  
 Status : Answered  
 Chosen Option : 4

Q.1 Who was the last Viceroy of India who oversaw the creation of the independent states of India and Pakistan?

- Ans
- 1. Lord Canning
  - 2. Lord Mountbatten
  - 3. Lord Hastings
  - 4. Lord Irwin

Question ID : 424429699  
Status : Answered  
Chosen Option : 2

Q.2 In July 2018, a stable body of liquid water was found on Mars using a radar instrument on board the European Space Agency's Mars Express orbiter. The tool that was used for the discovery is called:

- Ans
- 1. MARSIS
  - 2. Mars Orbiter
  - 3. Mars Hope
  - 4. MARINER 4

Question ID : 424429694  
Status : Not Answered  
Chosen Option : --

Q.3 As of January 2020, who among the following had the distinction of having the highest career batting average in One Day Internationals?

- Ans
- 1. Virat Kohli
  - 2. Steven Smith
  - 3. Ryan ten Doeschate
  - 4. Sachin Tendulkar

Question ID : 424429707  
Status : Answered  
Chosen Option : 1

Q.4 Among various electrical safety devices, one based on the heating effect of electric current is called a:

- Ans
- 1. Fuse
  - 2. Surge protector
  - 3. Protective relay
  - 4. Capacitor

Question ID : 424429692  
Status : Answered  
Chosen Option : 1

Q.5 Which of the following parks is India's first 'Mixed World Heritage Site' on UNESCO's World Heritage list?

- Ans
- 1. Gir National Park
  - 2. Kanha National Park
  - 3. Nagarhole National Park
  - 4. Khangchendzonga National Park

Question ID : 424429685  
Status : Answered  
Chosen Option : 2

Q.6 As per Article 80 of the Constitution of India, what can be the maximum strength of Rajya Sabha?

- Ans
- 1. 245
  - 2. 250
  - 3. 235
  - 4. 240

Question ID : 424429704  
Status : Answered  
Chosen Option : 2

Q.7 Which of the following group of scientists was awarded the 2019 Nobel Prize in Physiology or Medicine "for their discoveries of how cells sense and adapt to oxygen availability"?

- Ans
- 1. William G Kaelin Jr, Sir Peter J Ratcliffe and Gregg L Semenza
  - 2. Fraser Stoddart, Jean-Pierre Sauvage and Ben Feringa
  - 3. Kip Thorne, Rainer Weiss and Barry Barish
  - 4. John B Goodenough, M Stanley Whittingham and Akira Yoshino

Question ID : 424429702  
Status : Answered  
Chosen Option : 1

Q.8 With which of the following is 'Operation Flood' related?

- Ans
- 1. India's poultry industry
  - 2. India's farming industry
  - 3. India's dairy industry
  - 4. India's mining industry

Question ID : 424429690  
Status : Answered  
Chosen Option : 3

Q.9 Where is Valmiki Tiger Reserve located?

- Ans  1. West Champaran, Bihar  
 2. Chandrapur, Maharashtra  
 3. Ranthambore, Rajasthan  
 4. Lakhimpur Kheri, Uttar Pradesh

Question ID : 424429695

Status : Answered

Chosen Option : 1

Q.10 Which statement best explains why Shillong gets around 200 cm rainfall annually; whereas Cherrapunji, which is around 30 km away (as the crow flies), gets over 1250 cm of rainfall annually?

- Ans  1. Cherrapunji gets rainfall from rain-laden clouds coming from the Himalayas, whereas Shillong gets rainfall from the Malabar branch of monsoon.  
 2. Cherrapunji lies on the leeward side of the Khasi hills and Shillong lies on the windward side of the Khasi hills, and thus, gets only wind and no rain.  
 3. The average temperature of Shillong has gone up due to excessive deforestation and pollution.  
 4. Cherrapunji lies on the windward side of the Khasi hills and receives rainfall from the Bay of Bengal branch of monsoon, while Shillong lies on the leeward side of the Khasi hills, which forms the rain shadow area.

Question ID : 424429698

Status : Answered

Chosen Option : 4

Q.11 Whose birth anniversary is celebrated as National Sports Day every year on 29 August?

- Ans  1. Dhyhan Chand  
 2. Ranjitsinhji Vibhaji Jadeja  
 3. Dilip Sardesai  
 4. PT Usha

Question ID : 424429705

Status : Answered

Chosen Option : 1

Q.12 What is Gini coefficient used for?

- Ans  1. To measure income equality  
 2. To measure income inequality  
 3. To measure distribution of income  
 4. To measure profit and loss

Question ID : 424429691

Status : Not Answered

Chosen Option : --

Q.13 Which Article of the Constitution of India provides that there shall be a Council of Ministers with the Prime Minister as its head?

- Ans  1. Article 74(1)  
 2. Article 34  
 3. Article 44  
 4. Article 21(1)

Question ID : 424429703  
Status : Answered  
Chosen Option : 1

Q.14 With which of the following musical instruments was the musician Palghat Mani Iyer associated?

- Ans  1. Mridangam  
 2. Flute  
 3. Sitar  
 4. Shehnai

Question ID : 424429686  
Status : Not Answered  
Chosen Option : --

Q.15 How many times did Mahmud of Ghazni invade India?

- Ans  1. 5  
 2. 17  
 3. 15  
 4. 7

Question ID : 424429700  
Status : Answered  
Chosen Option : 2

Q.16 As of January 2020, who among the following had the distinction of having scored the most goals at a single tournament in the entire history of FIFA World Cup?

- Ans  1. Just Fontaine  
 2. Pele  
 3. Zinedine Zidane  
 4. Diego Maradona

Question ID : 424429701  
Status : Not Answered  
Chosen Option : --

Q.17 Who among the following lifted the 'WTA Hobart International' tennis trophy with partner Nadiia Kichenok in January 2020?

- Ans
- 1. Rushmi Chakravarthi
  - 2. Ankita Raina
  - 3. Sania Mirza
  - 4. Karman Kaur Thandi

Question ID : 424429706  
Status : Answered  
Chosen Option : 3

Q.18 \_\_\_\_\_ is a small, portable flash memory card that plugs into a computer's USB port and functions as a portable hard drive.

- Ans
- 1. Flash drive
  - 2. CD-RW
  - 3. DVD-ROM
  - 4. CD-ROM

Question ID : 424429683  
Status : Answered  
Chosen Option : 1

Q.19 Which of the following is the largest delta in the world?

- Ans
- 1. Ganges-Brahmaputra Delta
  - 2. Amazon Delta
  - 3. Indus River Delta
  - 4. Danube Delta

Question ID : 424429693  
Status : Answered  
Chosen Option : 1

Q.20 Which day is celebrated every year as 'World Environment Day'?

- Ans
- 1. 5th April
  - 2. 5th May
  - 3. 5th June
  - 4. 5th March

Question ID : 424429697  
Status : Answered  
Chosen Option : 3

Q.21 What is 'Central Equipment Identify Register'?

- Ans  1. A portal launched by the Government of India to block and trace mobile phones  
 2. A portal launched by the Government of India to identify and trace the illegal activities of criminals  
 3. A portal launched by the Government of India to enforce income and corporate tax compliance  
 4. A portal launched by the Government of India to identify and trace the activities of illegal immigrants

Question ID : 424429689  
 Status : Not Answered  
 Chosen Option : --

Q.22 When was the 120th birth anniversary of Shaheed Udham Singh celebrated in India?

- Ans  1. 26 October 2019  
 2. 26 November 2019  
 3. 26 December 2019  
 4. 26 September 2019

Question ID : 424429688  
 Status : Not Answered  
 Chosen Option : --

Q.23 As of January 2020, who was the chairperson of the National Human Rights Commission of India?

- Ans  1. Justice Pinaki Chandra Ghose  
 2. Justice Prafulla Chandra Pant  
 3. Justice Cyriac Joseph  
 4. Justice HL Dattu

Question ID : 424429687  
 Status : Not Answered  
 Chosen Option : --

Q.24 In which of the following states/union territories are you more likely to find the natural habitat of the one-horned rhinoceros (Indian Rhino)?

- Ans  1. Sikkim  
 2. Jammu & Kashmir  
 3. Assam  
 4. Ladakh

Question ID : 424429696  
 Status : Answered  
 Chosen Option : 3

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Q.25 \_\_\_\_\_ is the fastest to read from and write to than the other kinds of storage in a computer.

- Ans
- 1. CD-ROM
  - 2. Floppy disk
  - 3. RAM
  - 4. Hard disk

Question ID : 424429684  
Status : Answered  
Chosen Option : 3

