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# Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	16/10/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CHSL Tier 1

## Section : English Language (Basic Knowledge)

Q.1 Given below are four jumbled sentences. Out of the given options, pick the one that gives their correct order.

- A. While the most common belief is that these traits remain fixed, research studies show otherwise!
- B. One such research study suggests that we can change our traits provided we want to change them.
- C. We all possess certain personality traits that set us apart from the rest.
- D. These traits, a mix of good and bad, define how we respond to situations and people.

- Ans
- 1. ACDB
  - 2. CBDA
  - 3. CDAB
  - 4. BCAD

Question ID : 424429719  
Status : Answered  
Chosen Option : 3

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

One whom it is impossible to defeat

- Ans
- 1. Dissatisfied
  - 2. Cowardly
  - 3. Invincible
  - 4. Inimitable

Question ID : 424429728  
Status : Answered  
Chosen Option : 3

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

The manager said, "I want you to attend the conference."

- Ans
- 1. The manager said that she wanted me to attend the conference.
  - 2. The manager said that she want me to attend the conference.
  - 3. The manager told to me I am to go to attend the conference.
  - 4. The manager said I am wanting you to attend the conference.

Question ID : 424429709  
Status : Answered  
Chosen Option : 1

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

- Ans
- 1. Immediate
  - 2. Amass
  - 3. Messenger
  - 4. Massage

Question ID : 424429727  
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.

Red okra from Karnataka. Black rice from Gujarat. Red corn from Tamil Nadu. What you would (1)\_\_\_\_\_ as exotic varieties of food today are (2)\_\_\_\_\_ indigenous crops that belong to a specific region. Many such (3)\_\_\_\_\_ crops have gone extinct. Many more are on the brink. But with Indian households (4)\_\_\_\_\_ more conscious about healthy eating and the natural benefits of consuming local food, (5)\_\_\_\_\_ among both consumers and farmers is increasing.

**SubQuestion No : 5**

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

- Ans
- 1. describing
  - 2. describes
  - 3. describe
  - 4. described

Question ID : 424429713  
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.

Red okra from Karnataka. Black rice from Gujarat. Red corn from Tamil Nadu. What you would (1)\_\_\_\_\_ as exotic varieties of food today are (2)\_\_\_\_\_ indigenous crops that belong to a specific region. Many such (3)\_\_\_\_\_ crops have gone extinct. Many more are on the brink. But with Indian households (4)\_\_\_\_\_ more conscious about healthy eating and the natural benefits of consuming local food, (5)\_\_\_\_\_ among both consumers and farmers is increasing.

**SubQuestion No : 6**

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

- Ans
- 1. mostly
  - 2. surprisingly
  - 3. incredibly
  - 4. openly

Question ID : 424429714  
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.

Red okra from Karnataka. Black rice from Gujarat. Red corn from Tamil Nadu. What you would (1)\_\_\_\_\_ as exotic varieties of food today are (2)\_\_\_\_\_ indigenous crops that belong to a specific region. Many such (3)\_\_\_\_\_ crops have gone extinct. Many more are on the brink. But with Indian households (4)\_\_\_\_\_ more conscious about healthy eating and the natural benefits of consuming local food, (5)\_\_\_\_\_ among both consumers and farmers is increasing.

**SubQuestion No : 7**

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

- Ans  1. native  
 2. global  
 3. foreign  
 4. new

Question ID : 424429715

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.

Red okra from Karnataka. Black rice from Gujarat. Red corn from Tamil Nadu. What you would (1)\_\_\_\_\_ as exotic varieties of food today are (2)\_\_\_\_\_ indigenous crops that belong to a specific region. Many such (3)\_\_\_\_\_ crops have gone extinct. Many more are on the brink. But with Indian households (4)\_\_\_\_\_ more conscious about healthy eating and the natural benefits of consuming local food, (5)\_\_\_\_\_ among both consumers and farmers is increasing.

**SubQuestion No : 8**

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

- Ans  1. becomes  
 2. have become  
 3. became  
 4. becoming

Question ID : 424429716

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.

Red okra from Karnataka. Black rice from Gujarat. Red corn from Tamil Nadu. What you would (1)\_\_\_\_\_ as exotic varieties of food today are (2)\_\_\_\_\_ indigenous crops that belong to a specific region. Many such (3)\_\_\_\_\_ crops have gone extinct. Many more are on the brink. But with Indian households (4)\_\_\_\_\_ more conscious about healthy eating and the natural benefits of consuming local food, (5)\_\_\_\_\_ among both consumers and farmers is increasing.

**SubQuestion No : 9**

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

- Ans  1. awareness  
 2. intelligence  
 3. apprehension  
 4. experience

Question ID : 424429717  
Status : Answered  
Chosen Option : 1

**Q.10 Select the most appropriate word to fill in the blank.**

You've cleared the \_\_\_\_\_ examination, haven't you?

- Ans  1. frequent  
 2. ability  
 3. conclusion  
 4. entrance

Question ID : 424429732  
Status : Answered  
Chosen Option : 4

**Q.11 In the given sentence, identify the segment which contains the grammatical error.**

A Delhi bound aircraft has to make an emergency landing at Mumbai airport as a woman passenger suddenly developed a serious breathing problem.

- Ans  1. suddenly developed  
 2. as a woman passenger  
 3. has to make  
 4. a serious breathing problem

Question ID : 424429710  
Status : Answered  
Chosen Option : 1

Q.12 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'.

My doctor knew that I would eventually recover and do the kind of work I would be doing before.

- Ans
- 1. had been doing
  - 2. would have been doing
  - 3. would have done
  - 4. No improvement

Question ID : 424429721  
Status : Answered  
Chosen Option : 1

Q.13 Select the correct passive form of the given sentence.

My friend narrated a very interesting story at the International Storytelling Festival.

- Ans
- 1. A very interesting story was being narrated by my friend at the International Storytelling Festival.
  - 2. A very interesting story has been narrated by my friend at the International Storytelling Festival.
  - 3. A very interesting story was narrated by my friend at the International Storytelling Festival.
  - 4. A very interesting story is being narrated by my friend at the International Storytelling Festival.

Question ID : 424429708  
Status : Answered  
Chosen Option : 3

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

The student has made a \_\_\_\_\_ to the police about a false video of her that is being circulated by some miscreants.

- Ans
- 1. complaint
  - 2. complain
  - 3. complainant
  - 4. complaining

Question ID : 424429733  
Status : Answered  
Chosen Option : 2

Q.15 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 teacher said that all that students who did not complete the task in the given time should attempt it again.

- Ans
- 1. No improvement
  - 2. those
  - 3. this
  - 4. them

Question ID : 424429720  
Status : Answered  
Chosen Option : 2

Q.16 Select the most appropriate meaning of the given idiom.

Let off the hook

- Ans
- 1. Not made to wait for a long time
  - 2. Not allowed to take part in an activity
  - 3. Allowed to escape from blame
  - 4. Made to pay for one's actions

Question ID : 424429724  
Status : Not Answered  
Chosen Option : --

Q.17 Select the INCORRECTLY spelt word.

- Ans
- 1. Dimention
  - 2. Jostle
  - 3. Ideology
  - 4. Illiterate

Question ID : 424429726  
Status : Answered  
Chosen Option : 1

Q.18 In the given sentence, identify the segment which contains the grammatical error.

According to environment activists, demolition of unauthorised apartment complexes are became a lesson for land encroachers.

- Ans
- 1. demolition of unauthorised apartment complexes
  - 2. are became
  - 3. for land encroachers
  - 4. According to

Question ID : 424429711  
Status : Answered  
Chosen Option : 2

Q.19 Select the most appropriate meaning of the given idiom.

Parthian shot

- Ans  1. Parting hit  
 2. Victory  
 3. Praise  
 4. Say goodbye

Question ID : 424429725  
Status : Answered  
Chosen Option : 2

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

DEROGATORY

- Ans  1. Favourable  
 2. Appreciative  
 3. Sarcastic  
 4. Lethargic

Question ID : 424429731  
Status : Answered  
Chosen Option : 3

Q.21 Given below are four jumbled sentences. Out of the given options, pick the one that gives their correct order.

- A. Vijay the bus conductor was always there in one of these trucks.  
B. He had now quit his old job and joined politics.  
C. In the week before the elections, trucks bumped up and down the dirty streets of Laxmangarh, full of young men holding microphones and shouting: "Stand up to the rich!"  
D. That was the thing about Vijay; each time you saw him, he had done better for himself.

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

Question ID : 424429718  
Status : Answered  
Chosen Option : 1

Q.22 Select the most appropriate ANTONYM of the given word.

INCOHERENT

- Ans  1. Intelligible  
 2. Puzzling  
 3. Delightful  
 4. Inconsistent

Question ID : 424429723  
Status : Answered  
Chosen Option : 3



Q.23 Select the word which means the same as the group of words given.

Soon passing out or of a short duration

- Ans
- 1. Frostbite
  - 2. Evanescent
  - 3. Extempore
  - 4. Fluke

Question ID : 424429729  
Status : Answered  
Chosen Option : 2

Q.24 Select the most appropriate ANTONYM of the given word.

OPTIONAL

- Ans
- 1. Elective
  - 2. Fanciful
  - 3. Original
  - 4. Compulsory

Question ID : 424429722  
Status : Answered  
Chosen Option : 4

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

DEplete

- Ans
- 1. Reduce
  - 2. Complete
  - 3. Raise
  - 4. Increase

Question ID : 424429730  
Status : Answered  
Chosen Option : 1

Section : General Intelligence

Q.1 चार शब्द दिए गए हैं, जिन में से तीन किसी तरह से समान हैं और एक असंगत है। असंगत शब्द का चयन करें।

- Ans
- 1. खाने की मेज़
  - 2. पानी का फिल्टर
  - 3. अलमारी
  - 4. अध्ययन मेज़

Question ID : 424429750  
Status : Answered  
Chosen Option : 2

**Q.2** In a certain code language, 458693 is coded as 367784. How will 742351 be coded as in that language?

- Ans**
- 1. 651442
  - 2. 655442
  - 3. 651462
  - 4. 863442

Question ID : 424429743  
Status : Answered  
Chosen Option : 1

**Q.3** 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 squares are rectangles.
- 2. All rectangles are polygons.

**Conclusions:**

- I. Square is not a polygon.
- II. Square is both rectangle and polygon.

- Ans**
- 1. Only conclusion II follows.
  - 2. Neither conclusion I nor II follows.
  - 3. Both conclusions I and II follow.
  - 4. Only conclusion I follows.

Question ID : 424429751  
Status : Answered  
Chosen Option : 1

**Q.4** Four pairs of letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- Ans**
- 1. KITE : TIEK
  - 2. FIRU : RIUF
  - 3. MANY : NAYM
  - 4. LICK : ILCK

Question ID : 424429749  
Status : Answered  
Chosen Option : 4

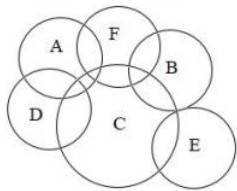
Q.5 Arrange the following words in a logical and meaningful sequence.

1. Quintal
2. Kilo Gram
3. Gram
4. Milli Gram
5. Ton

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

Question ID : 424429741  
Status : Answered  
Chosen Option : 4

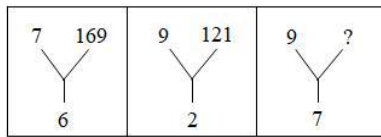
Q.6 In the given Venn diagram, different animals are represented by different areas. 'A' denotes 'dogs', 'B' denotes 'cats', 'C' denotes 'fishes', 'D' denotes 'mongooses', 'E' denotes 'rats', and 'F' denotes 'rabbits'. Which area represents the group of only dogs, fishes and mongooses?



- Ans
- 1. C
  - 2. D
  - 3. A
  - 4. F

Question ID : 424429758  
Status : Answered  
Chosen Option : 2

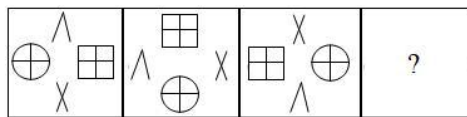
**Q.7** Study the given pattern carefully and select the number that can replace the question mark (?) in it.



- Ans
- 1. 81
  - 2. 196
  - 3. 256
  - 4. 289

Question ID : 424429737  
 Status : Answered  
 Chosen Option : 3

**Q.8** Select the answer figure that can replace the question mark (?) in the following question figure.



- Ans
- 1.
 

$\times$	$\oplus$	$>$
$\times$	$\square$	
  - 2.
 

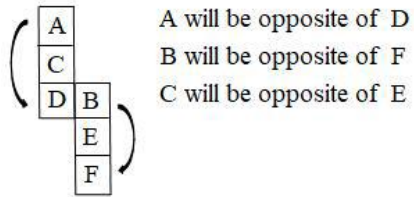
$\times$	$\oplus$	$\wedge$
$\times$	$\square$	
  - 3.
 

$\times$	$\oplus$	$\vee$
$\times$	$\square$	
  - 4.
 

$\oplus$	$\wedge$	$\square$
$\times$		

Question ID : 424429753  
 Status : Answered  
 Chosen Option : 2

Q.9 Select the answer figure that can be formed by folding the given sheet along the lines.

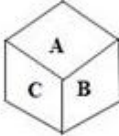


Ans

1.



2.



3.

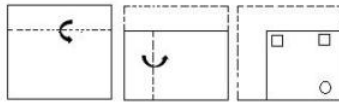


4.



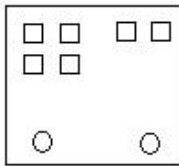
Question ID : 424429752  
Status : Answered  
Chosen Option : 2

**Q.10** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the question figure. Select the figure from the answer figures that would most closely resemble the unfolded paper.

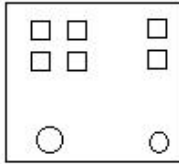


**Ans**

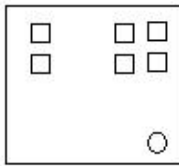
1.



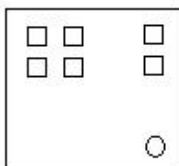
2.



3.



4.



Question ID : 424429756  
 Status : Answered  
 Chosen Option : 4

**Q.11** Select the option that is related to the third term in the same way as the second term is related to the first term.

KLEN : EKNL :: GHIS : ?

**Ans**

1. IHGS

2. IHSG

3. IGHS

4. IGSH

Question ID : 424429745  
 Status : Answered  
 Chosen Option : 4

**Q.12** Select the option that is related to the third word in the same way as the second word is related to the first word.

Car : Garage : : Aeroplane : ?

- Ans**
- 1. Sky
  - 2. Runway
  - 3. Hangar
  - 4. Pilot

Question ID : 424429748  
Status : Answered  
Chosen Option : 3

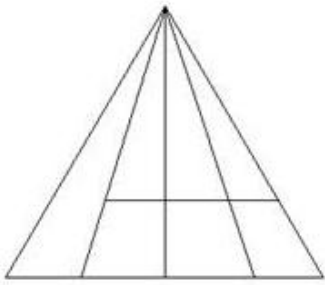
**Q.13** If a mirror is placed on line PQ in the question figure, then which of the answer figures is the correct mirror image of the question figure?



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

Question ID : 424429757  
Status : Answered  
Chosen Option : 4

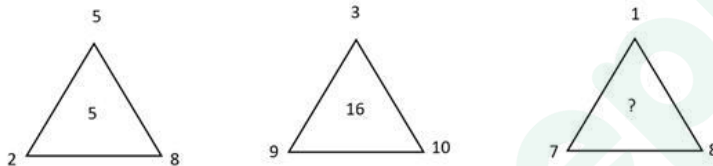
Q.14 Find the number of triangles in the given figure.



- Ans
- 1. 21
  - 2. 16
  - 3. 18
  - 4. 13

Question ID : 424429754  
Status : Not Answered  
Chosen Option : --

Q.15 Select the number that can replace the question mark (?) in the following figure series.



- Ans
- 1. 11
  - 2. 5
  - 3. 14
  - 4. 16

Question ID : 424429738  
Status : Answered  
Chosen Option : 3

Q.16 Select the combination of letters that when sequentially placed from left to right in the blanks of the given series, will complete the series.

a \_ cd \_ cba \_ bcdcd \_ a

- Ans
- 1. aaba
  - 2. bdab
  - 3. adcb
  - 4. babd

Question ID : 424429744  
Status : Answered  
Chosen Option : 2



Q.17 Select the number that can replace the question mark (?) in the following series.

5, 5, 15, 75, 525, ?

- Ans
- 1. 1575
  - 2. 2625
  - 3. 4725
  - 4. 1050

Question ID : 424429739  
Status : Not Answered  
Chosen Option : --

Q.18 Select the answer figure in which the question figure is embedded. (Rotation is not allowed)



Ans

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

Question ID : 424429755  
Status : Answered  
Chosen Option : 2

Q.19 Select the option that is related to the third number in the same way as the second number is related to the first number.

215 : 125 :: 415 : ?

- Ans
- 1. 625
  - 2. 145
  - 3. 250
  - 4. 154

Question ID : 424429736  
Status : Answered  
Chosen Option : 2

**Q.20** When Laxmi saw Mahesh, she said, "He is the son of the father-in-law of the father of my daughter". How is Mahesh related to Laxmi?

- Ans**
- 1. Brother
  - 2. Son
  - 3. Maternal uncle
  - 4. Nephew

Question ID : 424429747  
Status : Answered  
Chosen Option : 1

**Q.21** Which two signs should be interchanged to make the given equation correct?

$$(560 \div 80) + 90 \times 8 - 38 = 600$$

- Ans**
- 1. + and  $\div$
  - 2.  $\times$  and +
  - 3.  $\div$  and -
  - 4. + and -

Question ID : 424429735  
Status : Answered  
Chosen Option : 2

**Q.22** In a family, Mr. and Mrs. Gajanan have five daughters and each daughter has one brother. How many persons are there in the family?

- Ans**
- 1. 8
  - 2. 6
  - 3. 9
  - 4. 5

Question ID : 424429734  
Status : Answered  
Chosen Option : 1

**Q.23** In a certain code language, NEPOLIAN is written as MCQQKGBP. How will MOHANDEV be written as in that language?

- Ans**
- 1. LMICMBFX
  - 2. LMICMBXF
  - 3. NQGCLBFX
  - 4. NQICMBFX

Question ID : 424429742  
Status : Answered  
Chosen Option : 1

Q.24 Select the letter that can replace the question mark (?) in the following series.

A, D, B, F, D, I, G, ?, K

- Ans
- 1. N
  - 2. M
  - 3. E
  - 4. J

Question ID : 424429746

Status : Answered

Chosen Option : 2

Q.25 Four numbers have been given, out of which three are alike in some manner and one is different. Select the number that is different from the rest.

- Ans
- 1. 1331
  - 2. 1728
  - 3. 2197
  - 4. 2306

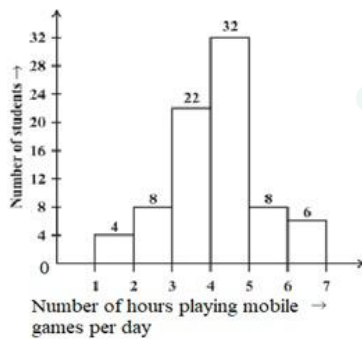
Question ID : 424429740

Status : Answered

Chosen Option : 4

Section : Quantitative Aptitude(Basic Arithmetic Skill)

Q.1 Study the graph and answer the following question.



How many students spend 5 hours or more than 5 hours in playing mobile games per day?

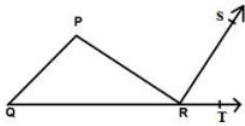
- Ans
- 1. 46
  - 2. 14
  - 3. 8
  - 4. 6

Question ID : 424429781

Status : Answered

Chosen Option : 2

Q.2



In the given figure, PQR is a triangle in which angle P : angle Q : angle R = 3 : 2 : 1, and PR is perpendicular to RS. What will be the measure of angle TRS?

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

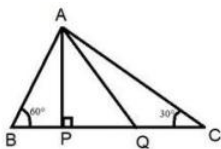
Question ID : 424429770  
Status : Answered  
Chosen Option : 1

Q.3 If the diameter of a circle bisects each of the two chords of the circle, then both the chords:

- Ans
- 1. intersect at  $90^\circ$
  - 2. are parallel to each other
  - 3. intersect at  $30^\circ$
  - 4. intersect at  $60^\circ$

Question ID : 424429768  
Status : Answered  
Chosen Option : 2

Q.4

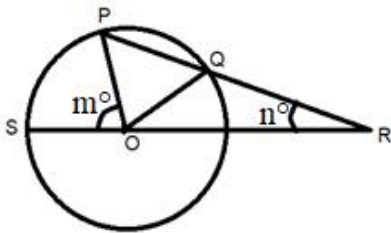


In the given figure, AP is perpendicular to BC, and AQ is the bisector of angle PAC. What will be the measure of angle PAQ?

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

Question ID : 424429771  
Status : Answered  
Chosen Option : 2

Q.5

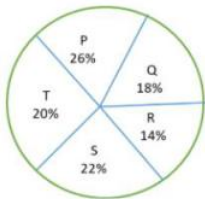


In the given figure, if  $OQ = QR$ , then the value of  $m$  is:

- Ans
- 1.  $3n^\circ$
  - 2.  $n^\circ$
  - 3.  $2n^\circ$
  - 4.  $4n^\circ$

Question ID : 424429769  
 Status : Answered  
 Chosen Option : 1

Q.6 The following pie-chart shows the percentage-wise distribution of the number of students in five different schools P, Q, R, S and T. Total number of students in all five schools together is 8400.



The number of students in school T is what percentage of the total number of students in schools Q and S together.

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

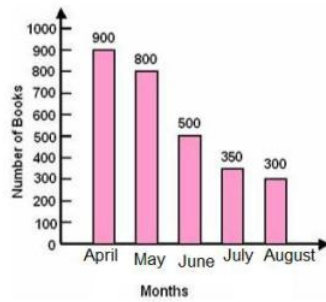
Question ID : 424429780  
 Status : Answered  
 Chosen Option : 2

Q.7 If  $x + \frac{1}{x} = 4$ , then the value of  $x^4 + \left(\frac{1}{x}\right)^4$  is:

- Ans
- 1. 14
  - 2. 196
  - 3. 16
  - 4. 194

Question ID : 424429774  
 Status : Answered  
 Chosen Option : 4

**Q.8** The following graph shows the number of books sold by a book-seller during five months of 2019, April, May, June, July and August. Study the graph and answer the question.



The total number of books sold during these five months is:

- Ans**
- 1. 2950
  - 2. 2900
  - 3. 2850
  - 4. 2800

Question ID : 424429782  
Status : Answered  
Chosen Option : 3

**Q.9** If  $a + b = 8$  and  $ab = 12$ , then the value of  $a^3 + b^3$  is:

- Ans**
- 1. 224
  - 2. 96
  - 3. 288
  - 4. 512

Question ID : 424429772  
Status : Answered  
Chosen Option : 1

**Q.10** If  $a$  and  $b$  are two positive real numbers such that  $4a^2 + b^2 = 20$  and  $ab = 4$ , then the value of  $2a + b$  is :

- Ans**
- 1. 80
  - 2. 8
  - 3. 6
  - 4. 5

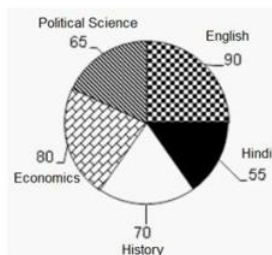
Question ID : 424429773  
Status : Answered  
Chosen Option : 3

**Q.11** Raju can finish a piece of work in 20 days. He worked at it for 5 days and then Jakob alone finished the remaining work in 15 days. In how many days can both finish it together?

- Ans**
- 1. 10 days
  - 2. 12 days
  - 3. 16 days
  - 4. 20 days

Question ID : 424429759  
Status : Answered  
Chosen Option : 1

**Q.12** The following chart shows the marks (in degrees) scored by a student in different subjects — English, Hindi, History, Economics and Political Science — in an examination. Total marks obtained in the examination are 600. Observe the chart and answer the question.



What is the difference between marks scored in History and marks scored in Hindi?

- Ans**
- 1. 40
  - 2. 30
  - 3. 25
  - 4. 15

Question ID : 424429783  
Status : Answered  
Chosen Option : 4

**Q.13** The value of  $72 - 3(2 + 24 \div 4 \times 3 - 2 \times 2) + 8$  is:

- Ans**
- 1. 72
  - 2. 32
  - 3. 36
  - 4. 24

Question ID : 424429776  
Status : Answered  
Chosen Option : 4

Q.14 A train, 150 m long, is running at 90 km/h. How long (in seconds) will it take to clear a platform that is 300 m long?

- Ans
- 1. 6
  - 2. 18
  - 3. 12
  - 4. 50

Question ID : 424429760  
Status : Answered  
Chosen Option : 2

Q.15 The proportion among three numbers is 3 : 4 : 5 and their LCM is 1800. The second number is:

- Ans
- 1. 150
  - 2. 30
  - 3. 120
  - 4. 90

Question ID : 424429766  
Status : Answered  
Chosen Option : 3

Q.16 If the gain is one-fifth of the selling price, then the gain percentage is:

- Ans
- 1. 80%
  - 2. 20%
  - 3. 16%
  - 4. 25%

Question ID : 424429765  
Status : Answered  
Chosen Option : 4

Q.17 If  $\cos^2\theta + \cos^4\theta = 1$ , then the value of  $\sin\theta + \sin^2\theta$  is:

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

Question ID : 424429779  
Status : Answered  
Chosen Option : 4



Q.18 If  $\cos (A + B) = 0$  and  $\sin (A - B) = \frac{1}{2}$ , then the value of B is:

(Given  $0^\circ < A, B < 90^\circ$ )

- Ans
- 1.  $45^\circ$
  - 2.  $90^\circ$
  - 3.  $60^\circ$
  - 4.  $30^\circ$

Question ID : 424429777  
Status : Answered  
Chosen Option : 4

Q.19 A person invested a total of ₹9,000 in three parts at 3%, 4% and 6% per annum on simple interest. At the end of a year, he received equal interest in all the three cases. The amount invested at 6% is:

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

Question ID : 424429767  
Status : Answered  
Chosen Option : 1

Q.20 The area of a square field is  $7200 \text{ m}^2$ . What is the length of its diagonal?

- Ans
- 1. 60 m
  - 2. 1800 m
  - 3. 180 m
  - 4. 120 m

Question ID : 424429761  
Status : Answered  
Chosen Option : 4

Q.21 If  $\operatorname{cosec} \theta = \frac{(x^2+y^2)}{(x^2-y^2)}$ , then what will be the value of  $\tan \theta$ ?

Ans

1.  $\frac{(x^2 - y^2)}{(x^2 + y^2)}$

2.  $\frac{2xy}{(x^2 - y^2)}$

3.  $\frac{(x^2 - y^2)}{2xy}$

4.  $\frac{(x^2 + y^2)}{2xy}$

Question ID : 424429778

Status : Answered

Chosen Option : 3

Q.22 The value of a motorcycle depreciates every year by 4%. What will be its value after 2 years, if its present value is ₹75,000?

Ans

1. ₹72,000

2. ₹70,120

3. ₹69,120

4. ₹69,000

Question ID : 424429764

Status : Answered

Chosen Option : 3

Q.23 If 'a' is a natural number, then  $(7a^2 + 7a)$  is always divisible by:

Ans

1. 7 and 14 both

2. 7 only

3. 14 only

4. 21 only

Question ID : 424429775

Status : Answered

Chosen Option : 1

**Q.24** In a company with 600 employees, the average age of the male employees is 42 years and that of the female employees is 41 years. If the average age of all the employees in the company is 41 years 9 months, then the number of female employees is:

- Ans**  1. 150  
 2. 250  
 3. 450  
 4. 350

Question ID : 424429762  
Status : Answered  
Chosen Option : 1

**Q.25** A shopkeeper allows a discount of 20% on an article and still makes a profit of 25%. What does he pay for an article whose marked price is ₹800?

- Ans**  1. ₹492  
 2. ₹512  
 3. ₹800  
 4. ₹640

Question ID : 424429763  
Status : Answered  
Chosen Option : 2

Section : General Awareness

**Q.1** The last Mauryan ruler to be killed by Pushyamitra Shunga was:

- Ans**  1. Brihadratha  
 2. Dasharatha  
 3. Bindusara  
 4. Devavarman

Question ID : 424429800  
Status : Not Answered  
Chosen Option : --

**Q.2** Who is the 47th Chief Justice of India?

- Ans**  1. Sharad Arvind Bobde  
 2. NV Ramana  
 3. Ranjan Gogoi  
 4. Dipak Misra

Question ID : 424429788  
Status : Answered  
Chosen Option : 1

Q.3 How many gold medals did India win at the '1986 Asian Games' held in Seoul, South Korea?

- Ans
- 1. 9
  - 2. 5
  - 3. 6
  - 4. 8

Question ID : 424429808  
Status : Not Answered  
Chosen Option : --

Q.4 In which year was the Bharat Ratna award instituted?

- Ans
- 1. 1956
  - 2. 1950
  - 3. 1954
  - 4. 1953

Question ID : 424429803  
Status : Not Answered  
Chosen Option : --

Q.5 When was the Indian national song 'Vande Mataram' sung for the first time on a political occasion?

- Ans
- 1. 1896 INC session
  - 2. 1900 INC session
  - 3. 1903 INC session
  - 4. 1911 INC session

Question ID : 424429801  
Status : Not Answered  
Chosen Option : --

Q.6 Which is the second most abundant gas in Earth's atmosphere?

- Ans
- 1. Oxygen
  - 2. Nitrogen
  - 3. Hydrogen
  - 4. Carbon di oxide

Question ID : 424429794  
Status : Answered  
Chosen Option : 1

Q.7 In which medium does sound travel faster?

- Ans
- 1. Gas
  - 2. Liquid
  - 3. Solid
  - 4. Vacuum

Question ID : 424429793  
Status : Answered  
Chosen Option : 3

Q.8 Batholith is a type of:

- Ans
- 1. secondary pollutant
  - 2. valley
  - 3. ocean current
  - 4. igneous rock

Question ID : 424429799  
Status : Answered  
Chosen Option : 4

Q.9 With which of the following sports is Manika Batra associated?

- Ans
- 1. Badminton
  - 2. Cricket
  - 3. Table Tennis
  - 4. Gymnastics

Question ID : 424429807  
Status : Not Answered  
Chosen Option : --

Q.10 The GST council is headed by the:

- Ans
- 1. Prime minister
  - 2. SEBI chairman
  - 3. RBI governor
  - 4. Union finance minister

Question ID : 424429791  
Status : Answered  
Chosen Option : 4

Q.11 The \_\_\_\_\_ is responsible for Earth's magnetic field.

- Ans
- 1. inner core
  - 2. mantle
  - 3. outer core
  - 4. crust

Question ID : 424429797  
Status : Not Answered  
Chosen Option : --

Q.12 Who is the author of the book 'The Blue Umbrella'?

- Ans
- 1. Suketu Mehta
  - 2. Ruskin Bond
  - 3. Vikram Seth
  - 4. Vikram Chandra

Question ID : 424429802  
Status : Answered  
Chosen Option : 2

Q.13 A higher \_\_\_\_\_ index represents inequality in income distribution.

- Ans
- 1. CPI
  - 2. Gini
  - 3. GDP
  - 4. NDP

Question ID : 424429792  
Status : Answered  
Chosen Option : 2

Q.14 'Disha Act' was passed by which of the following state in December 2019?

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

Question ID : 424429789  
Status : Answered  
Chosen Option : 3

Q.15 Rambir Singh Khokar received the 'Dronacharya award' for:

- Ans
- 1. Wrestling
  - 2. Athletics
  - 3. Kabaddi
  - 4. Football

Question ID : 424429806  
Status : Not Answered  
Chosen Option : --

Q.16 Which of the following is NOT an e-commerce website?

- Ans
- 1. Uber
  - 2. Swiggy
  - 3. Flipkart
  - 4. Google Maps

Question ID : 424429785  
Status : Answered  
Chosen Option : 4

Q.17 International Astronomical Union (IAU) named minor planet 2006 VP32 (number -300128) in September 2019 after a famous Indian. Who is this Indian?

- Ans
- 1. APJ Abdul Kalam
  - 2. Pandit Jasraj
  - 3. Hamsa Padmanabhan
  - 4. Viswanathan Anand

Question ID : 424429790  
Status : Answered  
Chosen Option : 1

Q.18 In which part of a plant are mesophyll cells found?

- Ans
- 1. Seed
  - 2. Leaf
  - 3. Stem
  - 4. Root

Question ID : 424429795  
Status : Answered  
Chosen Option : 2

Q.19 \_\_\_\_\_ is a diagrammatic representation of a program logic.

- Ans
- 1. Process
  - 2. Flowchart
  - 3. Data
  - 4. Legend

Question ID : 424429784  
Status : Answered  
Chosen Option : 2

Q.20 The Constitution under Article \_\_\_\_\_ mandates the Election Commission, to conduct elections to the Parliament and the State Legislatures.

- Ans
- 1. 312
  - 2. 324
  - 3. 330
  - 4. 298

Question ID : 424429804  
Status : Answered  
Chosen Option : 2

Q.21 Which river is also called 'Dihang' in India?

- Ans
- 1. Brahmaputra
  - 2. Indus
  - 3. Ganges
  - 4. Tapti

Question ID : 424429796  
Status : Answered  
Chosen Option : 1

Q.22 In which year was a separate Andhra state formed after the linguistic reorganisation of the then Madras province?

- Ans
- 1. 1950
  - 2. 1952
  - 3. 1956
  - 4. 1947

Question ID : 424429805  
Status : Answered  
Chosen Option : 3



Q.23 Birthplace of Guru Nanak known as Nankana Sahib today, was earlier called.

- Ans
- 1. Roda
  - 2. Umarkot
  - 3. Rai Bhoi di Talvandi
  - 4. Luni

Question ID : 424429786  
Status : Answered  
Chosen Option : 3

Q.24 A force due to which moving objects (wind and water current) tend to deflect to the right in Northern hemisphere and left in Southern hemisphere is known as:

- Ans
- 1. Coriolis force
  - 2. Endogenic force
  - 3. Magnetic force
  - 4. Applied force

Question ID : 424429798  
Status : Answered  
Chosen Option : 1

Q.25 'Dhimsa' is a tribal dance form of which Indian state?

- Ans
- 1. Madhya Pradesh
  - 2. Arunachal Pradesh
  - 3. Himachal Pradesh
  - 4. Andhra Pradesh

Question ID : 424429787  
Status : Not Answered  
Chosen Option : --



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