

### Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	13/10/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CHSL Tier 1

Section : English Language (Basic Knowledge)

Q.1 Select the most appropriate ANTONYM of the given word.

**MALIGNANT**

- Ans
- 1. Hesitant
  - 2. Fatal
  - 3. Benign
  - 4. Indignant

Question ID : 8161612146  
Status : Answered  
Chosen Option : 2

Q.2 Select the most appropriate word to fill in the blank in the given sentence.

Some people think that the credit card culture encourages people to shop compulsively and merely \_\_\_\_\_ debts.

- Ans
- 1. accumulate
  - 2. formulate
  - 3. stimulate
  - 4. simulate

Question ID : 8161612155  
Status : Answered  
Chosen Option : 3

Q.3 Select the most appropriate word to fill in the blank in the given sentence.

This winter \_\_\_\_\_ weather conditions have led people to remain indoors.

- Ans
- 1. adverse
  - 2. traverse
  - 3. inverse
  - 4. averse

Question ID : 8161612156  
Status : Answered  
Chosen Option : 1

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Q.4 In the given sentence identify the segment which contains the grammatical error.

A Royal Bengal tigress and her three cubs was poison and their carcasses left to rot in the Wildlife Sanctuary in Goa.

- Ans
- 1. A Royal Bengal tigress
  - 2. and their carcasses left to rot
  - 3. in the Wildlife Sanctuary in Goa
  - 4. and her three cubs was poison

Question ID : 8161612134

Status : Answered

Chosen Option : 3

**Comprehension:**

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

One complaint parents and teachers have about children these days is that they are simply not interested in (1)\_\_\_\_. In his weekly column 'Down in Jungle land' Ranjit Lal, an (2)\_\_\_\_ offers some useful suggestions. Keeping a dog or cat as a pet (3)\_\_\_\_ to be made mandatory. Regular visits to national parks and (4)\_\_\_\_ are another way to get children hooked. Treks in wilderness areas are even (5)\_\_\_\_ as children can then engage with all kinds of life-forms on their turf.

SubQuestion No : 5

Q.5

Select the most appropriate option for blank number 1.

- Ans
- 1. naturalist
  - 2. nature
  - 3. unnaturalness
  - 4. natural

Question ID : 8161612136

Status : Answered

Chosen Option : 2

**Comprehension:**

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

One complaint parents and teachers have about children these days is that they are simply not interested in (1)\_\_\_\_. In his weekly column 'Down in Jungle land' Ranjit Lal, an (2)\_\_\_\_ offers some useful suggestions. Keeping a dog or cat as a pet (3)\_\_\_\_ to be made mandatory. Regular visits to national parks and (4)\_\_\_\_ are another way to get children hooked. Treks in wilderness areas are even (5)\_\_\_\_ as children can then engage with all kinds of life-forms on their turf.

SubQuestion No : 6

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

- Ans
- 1. environs
  - 2. environment
  - 3. environmental
  - 4. environmentalist

Question ID : 8161612137

Status : Answered

Chosen Option : 2

**Comprehension:**

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

One complaint parents and teachers have about children these days is that they are simply not interested in (1)\_\_\_\_. In his weekly column 'Down in Jungle land' Ranjit Lal, an (2)\_\_\_\_ offers some useful suggestions. Keeping a dog or cat as a pet (3)\_\_\_\_ to be made mandatory. Regular visits to national parks and (4)\_\_\_\_ are another way to get children hooked. Treks in wilderness areas are even (5)\_\_\_\_ as children can then engage with all kinds of life-forms on their turf.

**SubQuestion No : 7**

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

- Ans
- 1. can
  - 2. will
  - 3. must
  - 4. needs

Question ID : 8161612138

Status : Answered

Chosen Option : 3

**Comprehension:**

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

One complaint parents and teachers have about children these days is that they are simply not interested in (1)\_\_\_\_. In his weekly column 'Down in Jungle land' Ranjit Lal, an (2)\_\_\_\_ offers some useful suggestions. Keeping a dog or cat as a pet (3)\_\_\_\_ to be made mandatory. Regular visits to national parks and (4)\_\_\_\_ are another way to get children hooked. Treks in wilderness areas are even (5)\_\_\_\_ as children can then engage with all kinds of life-forms on their turf.

**SubQuestion No : 8**

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

- Ans
- 1. sanctity
  - 2. sanctuary
  - 3. sanctuaries
  - 4. sanctorum

Question ID : 8161612139

Status : Not Answered

Chosen Option : --

**Comprehension:**

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

One complaint parents and teachers have about children these days is that they are simply not interested in (1)\_\_\_\_. In his weekly column 'Down in Jungle land' Ranjit Lal, an (2)\_\_\_\_ offers some useful suggestions. Keeping a dog or cat as a pet (3)\_\_\_\_ to be made mandatory. Regular visits to national parks and (4)\_\_\_\_ are another way to get children hooked. Treks in wilderness areas are even (5)\_\_\_\_ as children can then engage with all kinds of life-forms on their turf.

**SubQuestion No : 9**

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

- Ans
- 1. worse
  - 2. better
  - 3. best
  - 4. good

Question ID : 8161612140  
Status : Not Answered  
Chosen Option : --

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

**Bite off more than one can chew**

- Ans
- 1. To taste something while cooking
  - 2. To cheat someone and get away
  - 3. To eat quickly and run away
  - 4. To take on more than one can deal with

Question ID : 8161612148  
Status : Answered  
Chosen Option : 2

**Q.11** Select the most appropriate synonym of the given word.

**OPULENT**

- Ans
- 1. Distant
  - 2. Virulent
  - 3. Luxurious
  - 4. Shabby

Question ID : 8161612154  
Status : Answered  
Chosen Option : 3

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'.

The Arabian Sea region is very important for India as several major ports are locating there.

- Ans
- 1. No improvement
  - 2. are located
  - 3. have been locating
  - 4. was locating

Question ID : 8161612144  
Status : Answered  
Chosen Option : 4

Q.13 Select the word which means the same as the group of words given.

Very careful and precise

- Ans
- 1. Tremulous
  - 2. Tumultuous
  - 3. Garrulous
  - 4. Meticulous

Question ID : 8161612151  
Status : Answered  
Chosen Option : 3

Q.14 Select the INCORRECTLY spelt word.

- Ans
- 1. Business
  - 2. Fattening
  - 3. Dessert
  - 4. Decieve

Question ID : 8161612149  
Status : Answered  
Chosen Option : 3

Q.15 Select the word which means the same as the group of words given.

A natural skill at doing something

- Ans
- 1. Snack
  - 2. Knack
  - 3. Quack
  - 4. Stack

Question ID : 8161612152  
Status : Answered  
Chosen Option : 4

Q.16 Select the INCORRECTLY spelt word.

- Ans
- 1. Beginning
  - 2. Accomodate
  - 3. Quizzes
  - 4. Acceptable

Question ID : 8161612150  
Status : Answered  
Chosen Option : 3

Q.17 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. For example, our project files were kept pending for a few years.
- B. However, such hindrances did not stop us from tirelessly working towards the establishment of 450 clinics.
- C. We initially constructed over 150 clinics.
- D. But very soon many roadblocks were put in our path of expansion.

- Ans
- 1. CDAB
  - 2. DCAB
  - 3. ABDC
  - 4. CBDA

Question ID : 8161612141  
Status : Answered  
Chosen Option : 3

Q.18 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. Some returned in the 80's but they were not allowed to reclaim or buy land.
- B. In the 70's many Vietnamese living in Cambodia faced deportation after a change in government.
- C. Their only solution was to live in wooden homes floating on the lake.
- D. Even today they can be found living on the lake surviving on fishing and tourism.

- Ans
- 1. BACD
  - 2. CBDA
  - 3. ABDC
  - 4. DACB

Question ID : 8161612142  
Status : Answered  
Chosen Option : 4

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

Ravi asked, "Ritu, how many sets of class 12 practice papers have you finished?"

- Ans
- 1. Ravi asked Ritu how many sets of class 12 practice papers she had finished.
  - 2. Ravi asked Ritu how many sets of class 12 practice papers was she finishing.
  - 3. Ravi asked Ritu how many sets of class 12 practice papers had she been finishing.
  - 4. Ravi asked Ritu how many sets of class 12 practice papers she has been finishing.

Question ID : 8161612132  
Status : Answered  
Chosen Option : 3

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

ENRAGE

- Ans  1. Alleviate  
 2. Infuriate  
 3. Moderate  
 4. Placate

Question ID : 8161612153  
 Status : Answered  
 Chosen Option : 4

Q.21 Select the most appropriate meaning of the given idiom.

Like talking to a brick wall

- Ans  1. Frightened  
 2. Inattentive  
 3. Curious  
 4. Fascinated

Question ID : 8161612147  
 Status : Not Answered  
 Chosen Option : --

Q.22 In the given sentence identify the segment which contains the grammatical error.

Scientist have recently announced that a more effective antidote for snakebite venom has been made.

- Ans  1. Scientist have  
 2. for snakebite venom has been made  
 3. that a more effective antidote  
 4. recently announced

Question ID : 8161612133  
 Status : Not Answered  
 Chosen Option : --

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

DIVERSE

- Ans  1. Parallel  
 2. Farcical  
 3. Practical  
 4. Identical

Question ID : 8161612145  
 Status : Answered  
 Chosen Option : 1

Q.24 Select the correct passive form of the given sentence.

Rains lashed Delhi and brought the temperature down by a few degrees.

- Ans  1. Delhi was lashed by rains and the temperature was brought down by a few degrees.  
 2. Delhi was being lashed by rain and the temperature was being brought down by a few degrees.  
 3. Delhi had been lashed by rain and the temperature had been brought down by a few degrees.  
 4. Delhi is being lashed by rain and the temperature was brought down by a few degrees.

Question ID : 8161612131

Status : Not Answered

Chosen Option : --

Q.25 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'.

Sele, is a near extinct language, spoken for just five villages in Nepal, which lie close to Tibet.

- Ans  1. spoken out  
 2. spoken of  
 3. spoken in  
 4. No improvement

Question ID : 8161612143

Status : Answered

Chosen Option : 4

Section : General Intelligence

Q.1 Select the option figure that is embedded in the given figure X. (Rotation is not allowed)



Figure X

Ans



Question ID : 8161612178

Status : Not Answered

Chosen Option : --

Q.2 Select the letter-cluster that can replace the question mark (?) in the following series.

EQM, GRL, ISK, KTJ, ?

Ans

1. NUS

2. MUI

3. MTJ

4. MVR

Question ID : 8161612169

Status : Answered

Chosen Option : 2

Q.3 'Human-beings' is related to 'Mammals' in the same way as 'Snake' is related to '\_\_\_\_\_'.  
.

Ans

1. Amphibian

2. Reptile

3. Mammals

4. Non-chordates

Question ID : 8161612168

Status : Answered

Chosen Option : 1

Q.4 Select the option that is related to the third number in the same way as the second number is related to the first number.

88 : 308 :: 126 : ?

- Ans
- 1. 379
  - 2. 450
  - 3. 441
  - 4. 456

Question ID : 8161612159  
Status : Not Answered  
Chosen Option : --

Q.5 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. BGL
  - 2. PUZ
  - 3. AFK
  - 4. NSW

Question ID : 8161612172  
Status : Answered  
Chosen Option : 4

Q.6  $A \times B$  means 'A is the wife of B';

$A \div B$  means 'A is the father of B'.

Which of the following expression means 'R is the paternal grandfather of S'?

- Ans
- 1.  $J \times S \div R \times U$
  - 2.  $S \div U \times J \div R$
  - 3.  $R \div J \div S \times U$
  - 4.  $S \times U \times R \div J$

Question ID : 8161612170  
Status : Not Answered  
Chosen Option : --

Q.7 If the following interchanges are made in signs and numbers, which equation would be correct?

Interchanges:

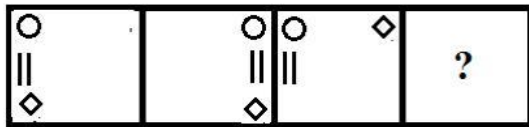
Signs: + and -

Numbers: 15 and 5

- Ans
- ✓ 1.  $4 \times 30 - 15 \div 5 + 12 = 21$
  - ✗ 2.  $12 \times 30 - 15 \div 5 + 4 = 37$
  - ✗ 3.  $4 \times 30 - 15 \div 5 + 12 = 27$
  - ✗ 4.  $4 \times 30 - 5 \div 15 + 14 = 21$

Question ID : 8161612158  
Status : Not Answered  
Chosen Option : --

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



Ans

- ✓ 1.
- ✗ 2.
- ✗ 3.
- ✗ 4.

Question ID : 8161612176  
Status : Answered  
Chosen Option : 1

Q.9 Select the correct mirror image of the given number-cluster when a mirror is placed on the right side of the cluster.

9 5 6 4 3 7

- Ans  1. 7 3 4 6 5 9
2. 7 3 4 6 5 9
3. 7 3 4 6 5 9
4. 7 3 4 9 5 9

Question ID : 8161612180  
Status : Answered  
Chosen Option : 4

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

(15, 556, 331)

- Ans  1. (4, 331, 305)
2. (17, 495, 104)
3. (9, 159, 78)
4. (12, 228, 74)

Question ID : 8161612160  
Status : Answered  
Chosen Option : 1

Q.11 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. Some computers are phones.
- 2. All phones are televisions.

Conclusions:

- I. Some phones are computers.
- II. Some televisions are computers.
- III. No television is a computer.

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

Question ID : 8161612174  
Status : Answered  
Chosen Option : 1

Q.12 In a certain code language, 'TENDER' is coded as '185414520'. How will 'REQUESTED' be coded as in that language?

- Ans
- 1. 45221942116518
  - 2. 45203952017558
  - 3. 65101852117516
  - 4. 45201952117518

Question ID : 8161612166  
Status : Answered  
Chosen Option : 4

Q.13 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(15, 49, 201)

- Ans
- 1. (18, 58, 290)
  - 2. (29, 91, 369)
  - 3. (24, 76, 307)
  - 4. (17, 55, 220)

Question ID : 8161612161  
Status : Not Answered  
Chosen Option : --

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

1. Mankind
2. Manner
3. Manuscript
4. Management
5. Making

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

Question ID : 8161612164  
Status : Not Answered  
Chosen Option : --

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

88, 95, 106, 119, 136, 155, 178, ?

- Ans
- 1. 217
  - 2. 207
  - 3. 249
  - 4. 197

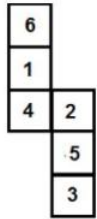
Question ID : 8161612162  
Status : Answered  
Chosen Option : 4

Q.16 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans
- 1. Typhoid
  - 2. Depression
  - 3. Malaria
  - 4. Dengue

Question ID : 8161612173  
 Status : Not Answered  
 Chosen Option : --

Q.17 A cube is made by folding the given sheet. In the cube so formed, which number would be on the face opposite to the one showing '5'?



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

Question ID : 8161612175  
 Status : Not Answered  
 Chosen Option : --

Q.18 An amount of ₹504 is to be divided among three persons A, B and C in the ratio of 7 : 8 : 9, respectively. How much amount will B and C receive in total?

- Ans
- 1. ₹357
  - 2. ₹419
  - 3. ₹317
  - 4. ₹268

Question ID : 8161612157  
 Status : Answered  
 Chosen Option : 1

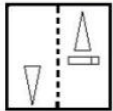
**Q.19** Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

LZ : OA :: UR : ?

- Ans**
- 1. FS
  - 2. HB
  - 3. GK
  - 4. FI

Question ID : 8161612167  
Status : Answered  
Chosen Option : 4

**Q.20** Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.



**Ans**

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

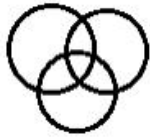
Question ID : 8161612179  
Status : Answered  
Chosen Option : 1

Q.21 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. 11 : 1331
  - 2. 12 : 1757
  - 3. 7 : 343
  - 4. 3 : 27

Question ID : 8161612163  
Status : Answered  
Chosen Option : 2

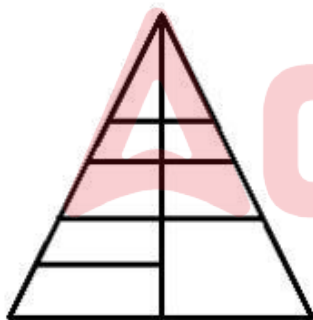
Q.22 Which of the following options best represents the given Venn diagram?



- Ans
- 1. Mothers, Females, Aunts
  - 2. Accountants, Literates, Human beings
  - 3. Fathers, Nurses, Males
  - 4. Mothers, Sisters, Daughters

Question ID : 8161612181  
Status : Answered  
Chosen Option : 4

Q.23 How many triangles are there in the given figure?



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

Question ID : 8161612177  
Status : Answered  
Chosen Option : 3

**Q.24** In a certain code language, 'SECTION' is written as 'PHZQLRK'. How will 'HOSTELS' be written as in that language?

- Ans
- 1. ERPRGIP
  - 2. EQPSHIP
  - 3. ERPQHIP
  - 4. FSPQHIQ

Question ID : 8161612165  
Status : Answered  
Chosen Option : 3

**Q.25** Select the option in which the words share the same relationship as that shared by the given pair of words.

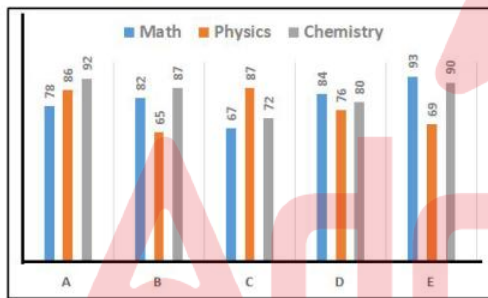
Weight : Kilogram

- Ans
- 1. Height : Length
  - 2. Time : Clock
  - 3. Distance : Hertz
  - 4. Resistance : Ohm

Question ID : 8161612171  
Status : Answered  
Chosen Option : 4

Section : Quantitative Aptitude(Basic Arithmetic Skill)

**Q.1** The following graph gives the performance of five students A, B, C, D, E in Math, Physics and Chemistry.



Based on the given information - considering that a performance is based on the difficulty level of the paper, which of the following statements is correct?

- Ans
- 1. Math is easier for B than for E and A
  - 2. For D, all subjects are of the same difficulty
  - 3. Physics is easier for C than for B and E
  - 4.

For C, Math is the most difficult and Chemistry is the easiest

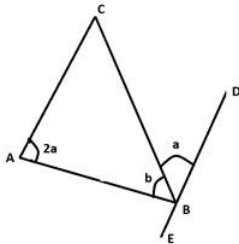
Question ID : 8161612205  
Status : Not Answered  
Chosen Option : --

Q.2 Which of the following numbers is divisible by 6?

- Ans
- 1. 23,408
  - 2. 43,923
  - 3. 1,00,246
  - 4. 3,49,722

Question ID : 8161612198  
Status : Answered  
Chosen Option : 4

Q.3 In the given figure, if AC, DE are parallel and  $\angle CAB = 38^\circ$ , then the value of  $\angle ABC + 5\angle CBD$  is:



- Ans
- 1.  $158^\circ$
  - 2.  $178^\circ$
  - 3.  $218^\circ$
  - 4.  $196^\circ$

Question ID : 8161612193  
Status : Answered  
Chosen Option : 2

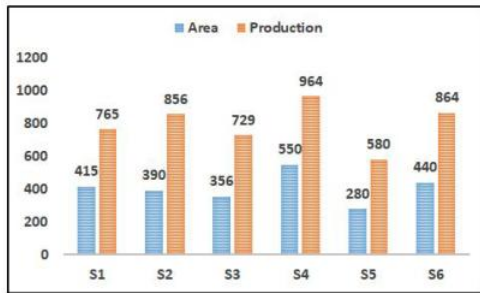
Q.4

The value of  $\left[ \frac{\sqrt{3} + 2\sin P}{1 - 2\cos P} \right]^3 + \left[ \frac{1 + 2\cos P}{\sqrt{3} - 2\sin P} \right]^3$  is:

- Ans
- 1. 0
  - 2.  $\sin P \cos P$
  - 3.  $2\sin P \cos P$
  - 4. 1

Question ID : 8161612200  
Status : Answered  
Chosen Option : 4

Q.5 The following graph shows the production of paddy in the agricultural land available the 6 places S1, S2, S3, S4, S5, S6 (area in hundreds of hectares and production in thousands of tonnes)



Based on the information, the production ratio (production to land) is highest and lowest, respectively, in:

- Ans
- 1. S2, S1
  - 2. S3, S6
  - 3. S2, S4
  - 4. S5, S3

Question ID : 8161612206  
Status : Not Answered  
Chosen Option : --

Q.6 If  $2145 : x :: 3003 : 42$ , then the value of  $y$  so that  $x : 2508 :: y : 11704$ , is:

- Ans
- 1. 212
  - 2. 156
  - 3. 140
  - 4. 96

Question ID : 8161612189  
Status : Answered  
Chosen Option : 1

Q.7 5 men and 8 women can complete a task in 34 days, whereas 4 men and 18 women can complete the same task in 28 days. In how many days can the same task be completed by 3 men and 5 women?

- Ans
- 1. 64
  - 2. 72
  - 3. 56
  - 4. 36

Question ID : 8161612182  
Status : Answered  
Chosen Option : 2

Q.8 A person purchases 40 items at ₹10 each. He sells a part of them at 25% profit and the remaining at 10% loss. The net profit is 4% in this transaction. The number of items he sold at a loss, is:

- Ans
- 1. 16
  - 2. 22
  - 3. 18
  - 4. 24

Question ID : 8161612186

Status : Answered

Chosen Option : 3

Q.9 If,  $2^{x+y-2z} = 8^{8z-5-y}$ ;  $5^{4y-6z} = 25^{y+z}$ ;  $3^{4x-3z} = 9^{x+z}$  then the value of  $2x + 3y + 5z$  is:

- Ans
- 1. 56
  - 2. 44
  - 3. 32
  - 4. 28

Question ID : 8161612196

Status : Not Answered

Chosen Option : --

Q.10 ₹12,000 की राशि साधारण ब्याज, पर किसी ब्याज दर पर उधार ली गई। चार महीनों के बाद, इसमें ₹6,000 और जोड़े गए और कुल मूलधन पर ब्याज की दर को पिछली दर के मुकाबले दोगुना कर दिया गया। साल के अंत में, ब्याज के रूप में ₹2,800 का भुगतान किया गया, प्रारंभ में लगाई गई ब्याज दर की गणना करें?

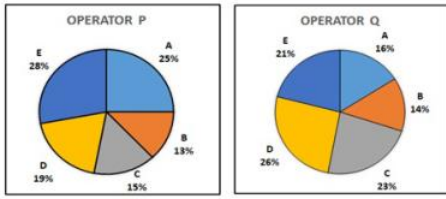
- Ans
- 1. 14%
  - 2. 16%
  - 3. 12%
  - 4. 10%

Question ID : 8161612190

Status : Answered

Chosen Option : 3

**Q.11** The percentage of customers of two network operators P and Q across the cities A, B, C, D, E is shown in the given pie charts.



Based on the information in the pie charts, if the customers of operator P are 3.6 lakhs, and the customers of operator Q are 4.2 lakhs, then in the city C, the positive difference between the customers of the operators is:

- Ans**
- 1. 44,500
  - 2. 42,600
  - 3. 48,000
  - 4. 52,000

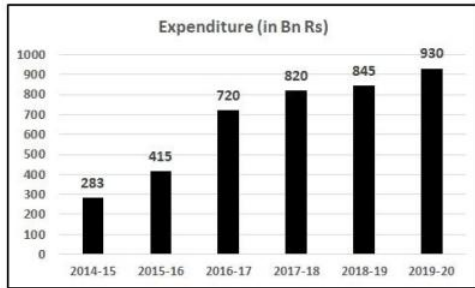
Question ID : 8161612204  
 Status : Answered  
 Chosen Option : 2

**Q.12** If  $A = 2(\sin^6 \theta + \cos^6 \theta) - 3(\sin^4 \theta + \cos^4 \theta)$  then the value of  $3\alpha$  such that  $\cos \alpha = \sqrt{\frac{3+A}{5+A}}$  is:

- Ans**
- 1.  $45^\circ$
  - 2.  $135^\circ$
  - 3.  $180^\circ$
  - 4.  $90^\circ$

Question ID : 8161612202  
 Status : Answered  
 Chosen Option : 4

Q.13 The following graph shows the expenditure on education sector by Indian government for the years-2014 -15 to 2019- 20



If the government plans to increase the expenditure by 30% on the average of the expenditures in 2016-17, 2017-18, 2018-19, then the approximate amount (in billions of rupees) to be spent in 2020-21 is:

- Ans
- 1. ₹1,162.6
  - 2. ₹1,129.5
  - 3. ₹1,033.5
  - 4. ₹1,087.3

Question ID : 8161612203  
 Status : Answered  
 Chosen Option : 3

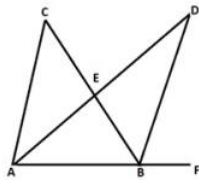
Q.14

The value of  $\left(a^{\frac{2}{3}} + 2a^{\frac{1}{2}} + 3a^{\frac{1}{3}} + 2a^{\frac{1}{6}} + 1\right)\left(a^{\frac{1}{3}} - 2a^{\frac{1}{6}} + 1\right) - a^{\frac{1}{2}}\left(a^{\frac{1}{2}} - 2\right)$ , when  $a=7$ , is:

- Ans
- 1. 7
  - 2. 0
  - 3. 1
  - 4.  $\sqrt{7}$

Question ID : 8161612197  
 Status : Answered  
 Chosen Option : 2

Q.15 In the given figure, AD is bisector of angle  $\angle CAB$  and BD is bisector of angle  $\angle CBF$ . If the angle at C is  $34^\circ$ , the angle  $\angle ADB$  is:



- Ans
- 1.  $34^\circ$
  - 2.  $32^\circ$
  - 3.  $17^\circ$
  - 4.  $16^\circ$

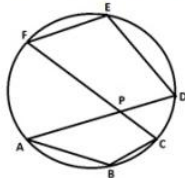
Question ID : 8161612194  
 Status : Answered  
 Chosen Option : 3

**Q.16** A cylindrical vessel with radius 6 cm and height 5 cm is to be made by melting a number of spherical metal balls of diameter 2 cm. The minimum number of balls needed is:

- Ans
- 1. 125
  - 2. 135
  - 3. 115
  - 4. 105

Question ID : 8161612184  
 Status : Answered  
 Chosen Option : 3

**Q.17** In the following figure, if angles  $\angle ABC = 95^\circ$   $\angle FED = 115^\circ$  (not to scale). Then the angle  $\angle APC$  is equal to:



- Ans
- 1.  $120^\circ$
  - 2.  $150^\circ$
  - 3.  $135^\circ$
  - 4.  $155^\circ$

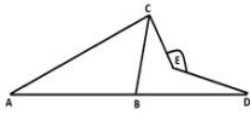
Question ID : 8161612191  
 Status : Answered  
 Chosen Option : 3

**Q.18** The value of  $\frac{1}{(9-4\sqrt{5})^2} + \frac{1}{(9+4\sqrt{5})^2}$  is:

- Ans
- 1. 322
  - 2. 424
  - 3. 246
  - 4. 286

Question ID : 8161612195  
 Status : Answered  
 Chosen Option : 2

Q.19 If in the given figure,  $\angle ACB + \angle BAC = 80^\circ$ ;  $\angle BDE = 35^\circ$ ;  $\angle BCE = 45^\circ$ , then the marked angle  $\angle CED$  is:



- Ans
- 1.  $150^\circ$
  - 2.  $120^\circ$
  - 3.  $160^\circ$
  - 4.  $135^\circ$

Question ID : 8161612192

Status : Answered

Chosen Option : 3

Q.20 If  $117 \cos^2 A + 129 \sin^2 A = 120$  and  $170 \cos^2 B + 158 \sin^2 B = 161$ , then the value of  $\operatorname{Cosec}^2 A \operatorname{Sec}^2 B$  is:

- Ans
- 1. 1
  - 2. 9
  - 3. 4
  - 4. 16

Question ID : 8161612201

Status : Answered

Chosen Option : 1

Q.21 A sells an item at 20% profit to B, B sells the same at 10% profit to C and receives ₹1,32,000.0. Had C purchased the same item from A, he would have spent 5% less than what he spent with B. What profit would A have made then?

- Ans
- 1. ₹25,400
  - 2. ₹24,450
  - 3. ₹25,540
  - 4. ₹24,540

Question ID : 8161612188

Status : Answered

Chosen Option : 3

Q.22

If  $A = \left[ \frac{3}{7} \text{ of } 4\frac{1}{5} \div \frac{18}{25} + \frac{17}{24} \right] \text{ of } \left[ \frac{289}{16} \div \left( \frac{3}{4} + \frac{2}{3} \right)^2 \right]$ , then the value of  $8A$  is:

- Ans
- 1. 231
  - 2. 321
  - 3. 132
  - 4. 213

Question ID : 8161612199  
Status : Answered  
Chosen Option : 4

Q.23 The average of 35 consecutive natural numbers is N. Dropping the first 10 numbers and including the next 10 numbers, the average is changed to M. If the value of  $M^2 - N^2 = 600$ , then the average of  $3M$  and  $5N$  is:

- Ans
- 1. 90
  - 2. 120
  - 3. 100
  - 4. 115

Question ID : 8161612185  
Status : Answered  
Chosen Option : 3

Q.24 A man purchased a car for ₹12 lakhs and was insured for 80% of the cost. He sold the car at a 15% loss, but had not yet delivered it to the buyer when he met with an accident. After the accident, the car was damaged a lot and the insurance company paid 90% of the insured amount. The net difference in the two transactions is:

- Ans
- 1. ₹1.56 lakhs
  - 2. ₹1.38 lakhs
  - 3. ₹92 lakhs
  - 4. ₹88 lakhs

Question ID : 8161612187  
Status : Answered  
Chosen Option : 2

Q.25 The distance between two railway stations is 1176 km. To cover this distance, an express train takes 5 hours less than a passenger train while the average speed of the passenger train is 70 km/h less than that of the express train. The time taken by the passenger train to complete the travel is:

- Ans
- 1. 18 hours
  - 2. 17 hours
  - 3. 23 hours
  - 4. 12 hours

Question ID : 8161612183  
Status : Answered  
Chosen Option : 3

Q.1 Who is the only Indian to have won the United Nations Award in the field of human rights?

- Ans
- 1. Vergheese Kurien
  - 2. Ela Bhatt
  - 3. Kanshi Ram
  - 4. Baba Amte

Question ID : 8161612225  
Status : Answered  
Chosen Option : 1

Q.2 दिसंबर 1929 के काँग्रेस अधिवेशन की अध्यक्षता \_\_\_\_\_ ने की थी, जिसमें 'पूर्ण स्वराज' का प्रस्ताव पारित किया गया।

- Ans
- 1. सी.आर. दास
  - 2. वल्लभभाई पटेल
  - 3. जवाहर लाल नेहरू
  - 4. सुभाष चंद्र बोस

Question ID : 8161612208  
Status : Answered  
Chosen Option : 2

Q.3 भारत में किसे 'सार्वजनिक क्षेत्र के उपक्रमों के जनक' के रूप में जाना जाता है?

- Ans
- 1. अशोक देसाई
  - 2. वी. कृष्णमूर्ति
  - 3. शशि शिवरामकृष्ण
  - 4. प्रशान्त चन्द्र महालनोबिस

Question ID : 8161612214  
Status : Answered  
Chosen Option : 2

Q.4 What is the full form of PROM?

- Ans
- 1. Program read-only memory
  - 2. Primary read-only memory
  - 3. Programmable read-only memory
  - 4. Program read-output memory

Question ID : 8161612207  
Status : Answered  
Chosen Option : 1

Q.5 Who described the preamble of Indian Constitution as the 'Political horoscope of the Indian Constitution'?

- Ans
- 1. NA Palkhiwala
  - 2. Kanhaiyalal Maniklal Munshi
  - 3. Thakurdas Bhargav
  - 4. Bhimrao Ramji Ambedkar

Question ID : 8161612227  
Status : Not Answered  
Chosen Option : --

Q.6 Who won the 'Most Valuable Player of the Series' award in IPL 2019?

- Ans
- 1. Andre Russell
  - 2. KL Rahul
  - 3. David Warner
  - 4. Shubman Gill

Question ID : 8161612230  
Status : Answered  
Chosen Option : 2

Q.7 'Mayurbhanj Chhau' is a folk dance form of which state?

- Ans
- 1. Odisha
  - 2. Rajasthan
  - 3. Karnataka
  - 4. Maharashtra

Question ID : 8161612209  
Status : Answered  
Chosen Option : 2

Q.8 निम्नलिखित किस भारतीय राज्य की विधानसभा द्वारा 9 जनवरी 2020 को राष्ट्रीय चिह्न और राज्य पुष्प - फॉक्सटेल ऑर्किड (राइनोकोस्टीलिस रेडुसा) युक्त एक पुनर्प्रारूपित लोगो (logo) को अपनाया गया?

- Ans
- 1. झारखंड विधानसभा
  - 2. केरल विधानसभा
  - 3. छत्तीसगढ़ विधानसभा
  - 4. अरुणाचल प्रदेश विधानसभा

Question ID : 8161612212  
Status : Answered  
Chosen Option : 1

Q.9 With reference to metals and their ores, which of the following pairs is INCORRECT?

- Ans
- 1. Gold (Au) – Calaverite
  - 2. Mercury (Hg) – Greenockite
  - 3. Aluminium (Al) – Cryolite
  - 4. Cobalt (Co) – Smelite

Question ID : 8161612216  
Status : Answered  
Chosen Option : 3

Q.10 Which river originates from Tibet and enters India through Arunachal Pradesh?

- Ans
- 1. Chambal River
  - 2. Godavari River
  - 3. Brahmaputra River
  - 4. Kaveri River

Question ID : 8161612221  
Status : Answered  
Chosen Option : 2

Q.11 How many districts of Uttar Pradesh started the second phase of Mission Indradhanush 2.0 at the block level on 7 January 2020?

- Ans
- 1. 35
  - 2. 25
  - 3. 30
  - 4. 40

Question ID : 8161612211  
Status : Not Answered  
Chosen Option : --

Q.12 In which battle did Ahmad Shah Abdali defeat the Marathas?

- Ans
- 1. Battle of Buxar
  - 2. First battle of Tarain
  - 3. Battle of Khanwa
  - 4. Third battle of Panipat

Question ID : 8161612223  
Status : Answered  
Chosen Option : 3

Q.13 Which company was ranked as the largest profit making PSU in India for the fiscal year 2018-2019?

- Ans
- 1. Oil & Natural Gas Corporation
  - 2. Power Finance Corporation
  - 3. Power Grid Corporation
  - 4. Indian Oil

Question ID : 8161612215  
Status : Answered  
Chosen Option : 3

Q.14 Garo-Khasi range is located in which Indian state?

- Ans
- 1. Meghalaya
  - 2. Sikkim
  - 3. Mizoram
  - 4. Odisha

Question ID : 8161612219  
Status : Answered  
Chosen Option : 2

Q.15 Who was the first Asian player to win the Junior Wimbledon's Boys singles title?

- Ans
- 1. Sumit Nagal
  - 2. Mahesh Bhupathi
  - 3. Vijay Amritraj
  - 4. Ramanathan Krishnan

Question ID : 8161612229  
Status : Answered  
Chosen Option : 1

Q.16 Which law states that the volume of an ideal gas at constant pressure is directly proportional to the absolute temperature?

- Ans
- 1. Joule's law
  - 2. Boyle's law
  - 3. Charles's law
  - 4. Avogadro's law

Question ID : 8161612218  
Status : Answered  
Chosen Option : 2

Q.17 On August 2019, Rambir Singh Khokhar won the 'Dronacharya award' in the lifetime category for his contribution in \_\_\_\_\_.

- Ans
- 1. Kabaddi
  - 2. Football
  - 3. Hockey
  - 4. Boxing

Question ID : 8161612231  
Status : Not Answered  
Chosen Option : --

Q.18 Which is the tallest waterfall of India with a height of 1,493 ft?

- Ans
- 1. Thalaiyar Falls, Tamil Nadu
  - 2. Barkana Falls, Karnataka
  - 3. Kunchikal Falls, Karnataka
  - 4. Meenmutty Falls, Kerala

Question ID : 8161612220  
Status : Not Answered  
Chosen Option : --

Q.19 Who threw a bomb in the central legislative assembly along with Bhagat Singh to protest against the Public Safety Bill in 1929?

- Ans
- 1. Chandra Shekhar Azad
  - 2. Batukeshwar Dutt
  - 3. Rajguru
  - 4. Subhash Chandra Bose

Question ID : 8161612224  
Status : Answered  
Chosen Option : 1

Q.20 On 30 October 2019, CBSE and NCERT, New Delhi developed an Aptitude Test for Senior School Students. What is the name of that test?

- Ans
- 1. Akanksha
  - 2. Udaan
  - 3. Tamanna
  - 4. Lakshya

Question ID : 8161612213  
Status : Answered  
Chosen Option : 2

Q.21 Which Indian social activist and politician led the Self-Respect Movement or Dravidian Movement against Brahminism?

- Ans
- 1. C Annadurai
  - 2. Erode Venkatappa Ramasamy
  - 3. P Theagaraya Chetty
  - 4. C Rajagopalachari

Question ID : 8161612228  
Status : Not Answered  
Chosen Option : --

Q.22 The novel 'Quichotte' was shortlisted for the '2019 Booker Prize'. Who is the author of this book?

- Ans
- 1. Arundhati Roy
  - 2. Vikram Seth
  - 3. Amitav Ghosh
  - 4. Salman Rushdie

Question ID : 8161612226  
Status : Answered  
Chosen Option : 1

Q.23 Which sanctuary is famous for endangered Estuarine Crocodiles conservation in India?

- Ans
- 1. Indira Gandhi Wildlife Sanctuary
  - 2. Bhitarkanika Wildlife Sanctuary, Odisha
  - 3. Chinnar Wildlife Sanctuary, Kerala
  - 4. Dandeli Wildlife Sanctuary, Karnataka

Question ID : 8161612222  
Status : Not Answered  
Chosen Option : --

Q.24 Which of the following eye disorders is known as 'lazy eye'?

- Ans
- 1. Myopia
  - 2. Presbyopia
  - 3. Hypermetropia
  - 4. Amblyopia

Question ID : 8161612217  
Status : Answered  
Chosen Option : 1

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Q.25 In which year did UNESCO include Yoga in its Intangible Cultural Heritage list?

Ans  1. 2014

2. 2016

3. 2018

4. 2015

Question ID : 8161612210

Status : Answered

Chosen Option : 4

