





Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	Satnam Infosol
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. Benign
 2. Hesitant
 3. Indignant
 4. Fatal





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. stimulate
 3. formulate
 4. simulate





Question ID : 8161612155

Status : Answered

Chosen Option : 1

Q.3 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 her three cubs was poison
 3. in the Wildlife Sanctuary in Goa
 4. and their carcasses left to rot

Question ID : 8161612134

Status : Answered

Chosen Option : 2

Q.4 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. traverse
 - ☒ 2. inverse
 - ☒ 3. adverse
 - ☒ 4. averse

Question ID : **8161612156**

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. unnaturalness
 - ☒ 2. naturalist
 - ☒ 3. nature
 - ☒ 4. natural

Question ID : **8161612136**

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 : 6

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

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

Question ID : **8161612137**

Status : **Answered**

Chosen Option : **1**

Comprehension:

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

One 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 : 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.

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. sanctorum
 - ☒ 2. sanctuary
 - ☒ 3. sanctuaries
 - ☒ 4. sanctity

Question ID : 8161612139

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 : 9

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

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




Question ID : 8161612140

Status : Answered

Chosen Option : 2

Q.10 Select the most appropriate synonym of the given word.

ENRAGE

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





Question ID : 8161612153

Status : Not Answered

Chosen Option : --

Q.11 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 being lashed by rain and the temperature was being brought down by a few degrees.
 -  2. Delhi had been lashed by rain and the temperature had been brought down by a few degrees.
 -  3. Delhi is being lashed by rain and the temperature was brought down by a few degrees.
 -  4. Delhi was lashed by rains and the temperature was brought down by a few degrees.

Question ID : 8161612131

Status : Answered

Chosen Option : 4

Q.12 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. recently announced
 - ☒ 2. that a more effective antidote
 - ☒ 3. for snakebite venom has been made
 - ☒ 4. Scientist have

Question ID : 8161612133

Status : Answered

Chosen Option : 3

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

OPULENT

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

Question ID : 8161612154

Status : Answered

Chosen Option : 3

Q.14 Select the INCORRECTLY spelt word.

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

Question ID : 8161612149

Status : Answered

Chosen Option : 1

Q.15 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 she has been finishing.
 - ☒ 3. Ravi asked Ritu how many sets of class 12 practice papers was she finishing.
 - ☒ 4. Ravi asked Ritu how many sets of class 12 practice papers had she been finishing.

Question ID : 8161612132

Status : Answered

Chosen Option : 1

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

Very careful and precise

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

Question ID : 8161612151

Status : Answered

Chosen Option : 1

Q.17 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. have been locating
 - ☒ 3. was locating
 - ☒ 4. are located

Question ID : 8161612144

Status : Answered

Chosen Option : 4

Q.18 Select the most appropriate ANTONYM of the given word.

DIVERSE

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

Question ID : 8161612145

Status : Answered

Chosen Option : 1

Q.19 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. ABDC
 - ☒ 2. CDAB
 - ☒ 3. CBDA
 - ☒ 4. DCAB

Question ID : 8161612141

Status : Answered

Chosen Option : 2





Q.20 Select the INCORRECTLY spelt word.

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

Question ID : 8161612150
Status : Answered
Chosen Option : 4

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





Bite off more than one can chew

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

Question ID : 8161612148
Status : Answered
Chosen Option : 1

Q.22 Select the word which means the same as the group of words given.

A natural skill at doing something

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

Question ID : 8161612152
Status : Answered
Chosen Option : 2

Q.23 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. ABDC
-  2. DACB
-  3. CBDA
-  4. BACD

Question ID : 8161612142
Status : Answered
Chosen Option : 4

Q.24 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 of
 - ☒ 2. No improvement
 - ☒ 3. spoken in
 - ☒ 4. spoken out

Question ID : 8161612143
Status : Answered
Chosen Option : 3

Q.25 Select the most appropriate meaning of the given idiom.

Like talking to a brick wall

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

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

Section : General Intelligence

Q.1 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 8 4 0 2 0
 - ☒ 2. 7 8 4 3 0 0
 - ☒ 3. 7 8 4 9 9 0
 - ☒ 4. 7 8 4 0 2 6

Question ID : 8161612180
Status : Answered
Chosen Option : 1

Q.2 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

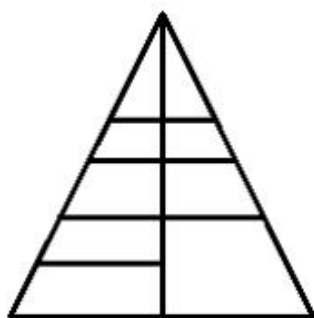
Ans ☒ 1. 5, 4, 2, 1, 3
☒ 2. 5, 1, 4, 2, 3
☒ 3. 5, 4, 1, 2, 3
☒ 4. 4, 1, 2, 3, 5

Question ID : 8161612164

Status : Answered

Chosen Option : 3

Q.3 How many triangles are there in the given figure?



Ans ☒ 1. 13
☒ 2. 14
☒ 3. 12
☒ 4. 11

Question ID : 8161612177

Status : Answered

Chosen Option : 1

Q.4 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. (24, 76, 307)
☒ 2. (17, 55, 220)
☒ 3. (29, 91, 369)
☒ 4. (18, 58, 290)

Question ID : 8161612161

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.5 In a certain code language, 'SECTION' is written as 'PHZQLRK'. How will 'HOSTELS' be written as in that language?

- Ans**
- ☒ 1. ERPQHIP
 - ☐ 2. EQPSHIP
 - ☐ 3. FSPQHIQ
 - ☐ 4. ERPRGIP

Question ID : **8161612165**
Status : **Answered**
Chosen Option : **1**

Q.6 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 III follow.
 - ☒ 2. Only conclusions I and II follow.
 - ☐ 3. Only conclusions III follows.
 - ☐ 4. Either conclusion II or III follows.

Question ID : **8161612174**
Status : **Answered**
Chosen Option : **2**

Q.7 $A \times B$ 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. $R \div J \div S \times U$
 - ☐ 3. $S \times U \times R \div J$
 - ☐ 4. $S \div U \times J \div R$

Question ID : **8161612170**
Status : **Answered**
Chosen Option : **2**

Q.8 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

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

Question ID : 8161612173

Status : Answered

Chosen Option : 1

Q.9 Select the number that can replace the question mark (?) in the following series.

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

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

Question ID : 8161612162

Status : Answered

Chosen Option : 3

Q.10 Select the option figure that is embedded in the given figure X. (Rotation is not allowed)



Figure X

- Ans ☐ 1.
- ☒ 2.
- ☐ 3.
- ☐ 4.

Question ID : 8161612178

Status : Answered

Chosen Option : 2

Q.11 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. FI
 - ☐ 2. HB
 - ☐ 3. FS
 - ☐ 4. GK

Question ID : 8161612167

Status : **Not Answered**

Chosen Option : --

Q.12 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

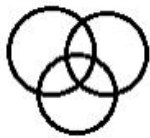
- Ans**
- ☐ 1. AFK
 - ☐ 2. BGL
 - ☐ 3. PUZ
 - ☒ 4. NSW

Question ID : 8161612172

Status : **Answered**

Chosen Option : 4

Q.13 Which of the following options best represents the given Venn diagram?



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

Question ID : 8161612181

Status : **Answered**





Chosen Option : 1

Q.14 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 : **Answered**

Chosen Option : **1**

Q.15 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.16 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest.

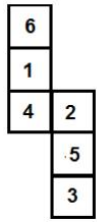
- Ans  1. 7 : 343
 2. 12 : 1757
 3. 11 : 1331
 4. 3 : 27

Question ID : **8161612163**

Status : **Answered**

Chosen Option : **2**

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. 4
 - ☒ 2. 6
 - ☒ 3. 2
 - ☒ 4. 1

Question ID : 8161612175
Status : Answered
Chosen Option : 4

Q.18 Select the letter-cluster that can replace the question mark (?) in the following series.

EQM, GRL, ISK, KTJ, ?

- Ans
- ☒ 1. MUI
 - ☒ 2. NUS
 - ☒ 3. MVR
 - ☒ 4. MTJ

Question ID : 8161612169
Status : Answered
Chosen Option : 1

Q.19 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. ₹268
 - ☒ 2. ₹419
 - ☒ 3. ₹317
 - ☒ 4. ₹357

Question ID : 8161612157
Status : Answered
Chosen Option : 4

Q.20 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. 456
 - ☒ 2. 450
 - ☒ 3. 379
 - ☒ 4. 441

Question ID : **8161612159**

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

Chosen Option : --

Q.21 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. (9, 159, 78)
 - ☒ 2. (12, 228, 74)
 - ☒ 3. (17, 495, 104)
 - ☒ 4. (4, 331, 305)

Question ID : **8161612160**

Status : **Not Answered**

Chosen Option : --

Q.22 'Human-beings' is related to 'Mammals' in the same way as 'Snake' is related to '_____ '.

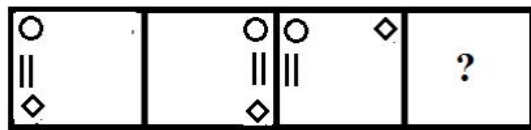
- Ans**
- ☒ 1. Mammals
 - ☒ 2. Non-chordates
 - ☒ 3. Reptile
 - ☒ 4. Amphibian

Question ID : **8161612168**

Status : **Answered**

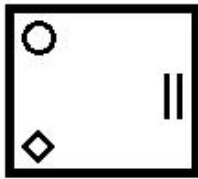
Chosen Option : **3**

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

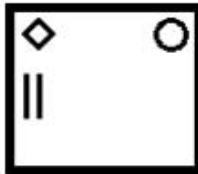


Ans

✗ 1.



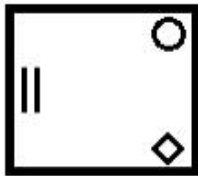
✗ 2.



✓ 3.



✗ 4.

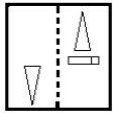


Question ID : 8161612176

Status : Answered

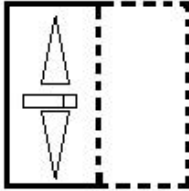
Chosen Option : 3

Q.24 Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.

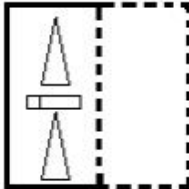


Ans

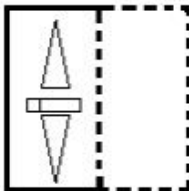
☒ 1.



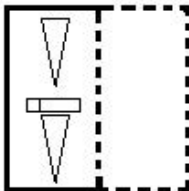
☒ 2.



☒ 3.



☒ 4.



Question ID : 8161612179

Status : Answered

Chosen Option : 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.

Distance : Hertz

☒ 2.

Resistance : Ohm

☒ 3.

Time : Clock

☒ 4.

Height : Length

Question ID : 8161612171

Status : Answered

Chosen Option : 2

Q.1

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

Ans

- ☐ 1. 90°
- ☐ 2. 180°
- ☐ 3. 45°
- ☒ 4. 135°

Question ID : 8161612202

Status : Answered

Chosen Option : 4

Q.2

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

Ans

- ☐ 1. 1
- ☒ 2. 16
- ☐ 3. 9
- ☐ 4. 4

Question ID : 8161612201

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.3

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. 18
- ☒ 3. 24
- ☐ 4. 22

Question ID : 8161612186

Status : Answered

Chosen Option : 3

Q.4

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. 105
- ☐ 3. 115
- ☒ 4. 135

Question ID : 8161612184

Status : Answered

Chosen Option : 4

Q.5 A sum of ₹12,000 was taken at simple interest at some rate. After four months, ₹6,000 more was added and the total principal was charged at double the earlier rate of interest. At the end of the year, if the total interest was ₹2,800, what was the initial rate of interest?

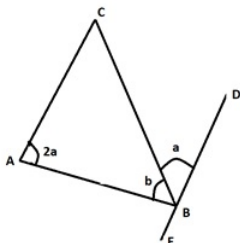
- Ans ☒ 1. 10%
☒ 2. 14%
☒ 3. 16%
☒ 4. 12%

Question ID : 8161612190

Status : Answered

Chosen Option : 1

Q.6 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. 196°
☒ 2. 218°
☒ 3. 178°
☒ 4. 158°

Question ID : 8161612193

Status : Answered

Chosen Option : 2

Q.7 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:

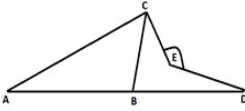
- Ans ☒ 1. 90
☒ 2. 115
☒ 3. 120
☒ 4. 100

Question ID : 8161612185

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.8 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:



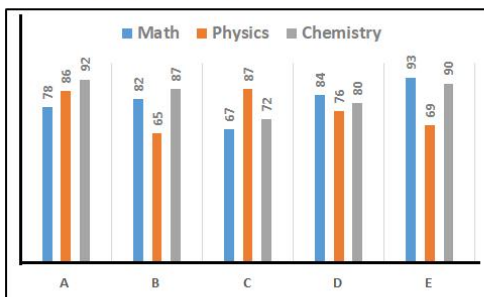
- Ans
- ☒ 1. 150°
 - ☒ 2. 160°
 - ☒ 3. 135°
 - ☒ 4. 120°

Question ID : 8161612192

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.9 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. Physics is easier for C than for B and E
 - ☒ 3. For D, all subjects are of the same difficulty
 - ☒ 4.

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

Question ID : 8161612205

Status : Answered

Chosen Option : 2

Q.10 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. ₹88 lakhs
 - ☒ 4. ₹92 lakhs

Question ID : 8161612187

Status : Not Answered

Chosen Option : --

Q.11

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

Question ID : 8161612197

Status : Not Answered

Chosen Option : --

Q.12 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:

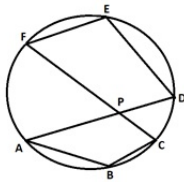
- Ans
- ☒ 1. 44
 - ☒ 2. 28
 - ☒ 3. 56
 - ☒ 4. 32

Question ID : 8161612196

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.13 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. 135°
 - ☒ 2. 150°
 - ☒ 3. 120°
 - ☒ 4. 155°

Question ID : 8161612191

Status : Answered

Chosen Option : 2

Q.14

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:

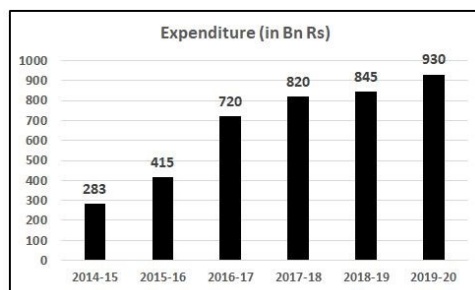
- Ans
- ☒ 1. 132
 - ☒ 2. 213
 - ☒ 3. 231
 - ☒ 4. 321

Question ID : 8161612199

Status : Answered

Chosen Option : 3

Q.15 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. ₹1,129.5
 - ☒ 2. ₹1,033.5
 - ☒ 3. ₹1,087.3
 - ☒ 4. ₹1,162.6

Question ID : 8161612203

Status : Not Answered

Chosen Option : --

Q.16 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. 56
 - ☒ 2. 72
 - ☒ 3. 64
 - ☒ 4. 36

Question ID : 8161612182

Status : Answered

Chosen Option : 2

Q.17 If $2145 : x :: 3003 : 42$, then the value of y so that $x : 2508 :: y : 11704$, is:

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

Question ID : 8161612189

Status : Not Answered

Chosen Option : --

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 : Not Answered

Chosen Option : --

Q.19

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:

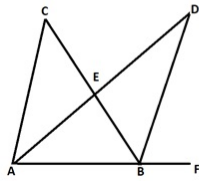
- Ans
- ☒ 1. 1
 - ☒ 2. 0
 - ☒ 3. $2\sin P \cos P$
 - ☒ 4. $\sin P \cos P$

Question ID : 8161612200

Status : Not Answered

Chosen Option : --

Q.20 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° , the angle $\angle ADB$ is:



- Ans
- ☒ 1. 32°
 - ☒ 2. 17°
 - ☒ 3. 34°
 - ☒ 4. 16°

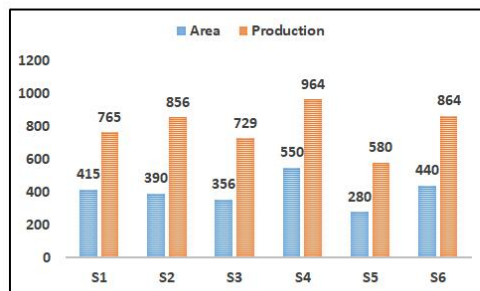
Question ID : 8161612194
Status : Not Answered
Chosen Option : --

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. ₹25,540
 - ☒ 3. ₹24,540
 - ☒ 4. ₹24,450

Question ID : 8161612188
Status : Not Answered
Chosen Option : --

Q.22 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)

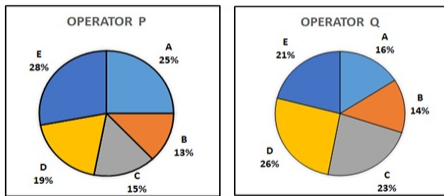


Based on the information, the production ratio (production to land) is highest and lowest, respectively, in:

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

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

Q.23 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. 52,000
 - ☒ 4. 48,000

Question ID : 8161612204
Status : Not Answered
Chosen Option : --

Q.24 Which of the following numbers is divisible by 6?

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

Question ID : 8161612198
Status : Not Answered
Chosen Option : --

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. 12 hours
 - ☒ 2. 23 hours
 - ☒ 3. 17 hours
 - ☒ 4. 18 hours

Question ID : 8161612183
Status : Not Answered
Chosen Option : --

Q.1 Which of the following state's legislative assembly adopted a redesigned logo consisting of the National Emblem and the State flower - the Foxtail Orchid (Rhynchosyilis Retusa) on 9 January 2020?

- Ans
- ☒ 1. Chhattisgarh Legislative Assembly
 - ☒ 2. Jharkhand Legislative Assembly
 - ☒ 3. Arunachal Pradesh Legislative Assembly
 - ☒ 4. Kerala Legislative Assembly

Question ID : **8161612212**
Status : **Answered**
Chosen Option : **2**

Q.2 Which river originates from Tibet and enters India through Arunachal Pradesh?

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

Question ID : **8161612221**
Status : **Answered**
Chosen Option : **4**

Q.3 Who won the 'Most Valuable Player of the Series' award in IPL 2019?

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

Question ID : **8161612230**
Status : **Answered**
Chosen Option : **1**

Q.4 The novel 'Quichotte' was shortlisted for the '2019 Booker Prize'. Who is the author of this book?

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





Question ID : **8161612226**
Status : **Answered**
Chosen Option : **1**

Q.5 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. 25
 2. 35
 3. 30
 4. 40

Question ID : **8161612211**
Status : **Answered**
Chosen Option : 1

Q.6 In which battle did Ahmad Shah Abdali defeat the Marathas?

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





Question ID : **8161612223**
Status : **Answered**
Chosen Option : 1

Q.7 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. Charles's law
 3. Avogadro's law
 4. Boyle's law

Question ID : **8161612218**
Status : **Answered**
Chosen Option : 2

Q.8 What is the full form of PROM?

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

Question ID : **8161612207**
Status : **Answered**
Chosen Option : 4

Q.9 On August 2019, Rambir Singh Khokhar won the 'Dronacharya award' in the lifetime category for his contribution in _____.

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

Question ID : 8161612231

Status : Answered

Chosen Option : 2

Q.10 Who threw a bomb in the central legislative assembly along with Bhagat Singh to protest against the Public Safety Bill in 1929?

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

Question ID : 8161612224

Status : Answered

Chosen Option : 4

Q.11 'Mayurbhanj Chhau' is a folk dance form of which state?

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

Question ID : 8161612209

Status : Answered

Chosen Option : 3

Q.12 With reference to metals and their ores, which of the following pairs is INCORRECT?

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

Question ID : 8161612216

Status : Not Answered

Chosen Option : --

Q.13 Who was the first Asian player to win the Junior Wimbledon's Boys singles title?

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

Question ID : **8161612229**
Status : **Answered**
Chosen Option : **2**

Q.14 Which of the following eye disorders is known as 'lazy eye'?

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

Question ID : **8161612217**
Status : **Answered**
Chosen Option : **2**

Q.15 Which company was ranked as the largest profit making PSU in India for the fiscal year 2018-2019?

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

Question ID : **8161612215**
Status : **Answered**
Chosen Option : **2**

Q.16 Who is known as the 'Father of Public Sector Undertakings' in India?

- Ans
- ☐ 1. Ashok Desai
 - ☒ 2. V Krishnamurthy
 - ☐ 3. Sashi Sivramkrishna
 - ☐ 4. Prasanta Chandra Mahalanobis

Question ID : **8161612214**
Status : **Answered**
Chosen Option : **2**

Q.17 The December 1929 session of Congress, in which the resolution for 'Poorna Swaraj' was passed, was presided over by:

- Ans ☒ 1. Jawaharlal Nehru
- ☐ 2. CR Das
- ☐ 3. Vallabhbhai Patel
- ☐ 4. Subhash Chandra Bose

Question ID : 8161612208
Status : Answered
Chosen Option : 1

Q.18 Who described the preamble of Indian Constitution as the 'Political horoscope of the Indian Constitution'?

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

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

Q.19 Which Indian social activist and politician led the Self-Respect Movement or Dravidian Movement against Brahminism?

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

Question ID : 8161612228
Status : Answered
Chosen Option : 3

Q.20 Garo-Khasi range is located in which Indian state?

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

Question ID : 8161612219
Status : Answered
Chosen Option : 1

Q.21 Which is the tallest waterfall of India with a height of 1,493 ft?

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

Question ID : 8161612220
Status : Answered
Chosen Option : 3

Q.22 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. Udaan
 - ☐ 2. Lakshya
 - ☐ 3. Akanksha
 - ☒ 4. Tamanna

Question ID : 8161612213
Status : Answered
Chosen Option : 2

Q.23 In which year did UNESCO include Yoga in its Intangible Cultural Heritage list?

- Ans
- ☐ 1. 2014
 - ☐ 2. 2015
 - ☒ 3. 2016
 - ☐ 4. 2018

Question ID : 8161612210
Status : Answered
Chosen Option : 3

Q.24 Who is the only Indian to have won the United Nations Award in the field of human rights?

- Ans
- ☐ 1. Ela Bhatt
 - ☒ 2. Baba Amte
 - ☐ 3. Verghese Kurien
 - ☐ 4. Kanshi Ram

Question ID : 8161612225
Status : Not Answered
Chosen Option : --