

## Combined Higher Secondary Level Examination 2019 Tier I

Roll Number	
Candidate Name	
Venue Name	Raj Estate
Exam Date	19/03/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CHSL Tier 1

### Section : English Language (Basic Knowledge)

**Q.1** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No improvement'.

As many as I care for her, I still have to disagree with her on this topic.

- Ans ☒ 1. As much as  
☒ 2. No improvement  
☒ 3. As high as  
☒ 4. As long to

Question ID : 8161611718

Status : Answered

Chosen Option : 1

**Q.2** In the sentence identify the segment which contains the grammatical error.

The invited guests preferred orange juice than hot coffee or chilled grapes.

- Ans ☒ 1. The invited guests  
☒ 2. or chilled grapes  
☒ 3. preferred orange juice  
☒ 4. than hot coffee

Question ID : 8161611708

Status : Answered

Chosen Option : 4

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

The coach received the members of the team with great excitement.

- Ans ☒ 1. The members of the team had been received by the coach with great excitement.  
☒ 2. The members of the team were received by the coach with great excitement.  
☒ 3. The members of the team was received by the coach with great excitement.  
☒ 4. The members of the team could be received by the coach with great excitement.

Question ID : 8161611705

Status : Answered

Chosen Option : 2

**Q.4** Given below are four jumbled sentences. Out of the given options select the one that gives their correct order.

- A. Anush was very afraid of stray dogs.
- B. Anush's mother saw the dog chasing her son.
- C. One evening, when a street dog barked at him, Anush turned and started running.
- D. The dog ran after him barking loudly and fiercely.

Ans  1. ACDB

 2. ADBC

 3. ABCD

 4. DCAB

Question ID : 8161611715

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.

Families, particularly those with children and who have the means, are opting to (1)\_\_\_\_\_ from Delhi driven by the increasing air pollution and (2)\_\_\_\_\_ impact on health. Delhi's Air Quality Index had (3)\_\_\_\_\_ a three-year-low this year, post-Diwali, creating a (4)\_\_\_\_\_ polluted atmosphere which led to (5)\_\_\_\_\_ problems in many, forcing people to wear masks outdoors and install air purifiers at home.

SubQuestion No : 5

**Q.5** Select the most appropriate option for blank No. 1.

Ans  1. restart

 2. relocate

 3. reschedule

 4. reinstate

Question ID : 8161611710

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.

Families, particularly those with children and who have the means, are opting to (1)\_\_\_\_\_ from Delhi driven by the increasing air pollution and (2)\_\_\_\_\_ impact on health. Delhi's Air Quality Index had (3)\_\_\_\_\_ a three-year-low this year, post-Diwali, creating a (4)\_\_\_\_\_ polluted atmosphere which led to (5)\_\_\_\_\_ problems in many, forcing people to wear masks outdoors and install air purifiers at home.

SubQuestion No : 6

**Q.6** Select the most appropriate option for blank No. 2.

Ans  1. it's

 2. their

 3. its

 4. their's

Question ID : 8161611711

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.

Families, particularly those with children and who have the means, are opting to (1)\_\_\_\_\_ from Delhi driven by the increasing air pollution and (2)\_\_\_\_\_ impact on health. Delhi's Air Quality Index had (3)\_\_\_\_\_ a three-year-low this year, post-Diwali, creating a (4)\_\_\_\_\_ polluted atmosphere which led to (5)\_\_\_\_\_ problems in many, forcing people to wear masks outdoors and install air purifiers at home.

**SubQuestion No : 7**

**Q.7** Select the most appropriate option for blank No. 3.

- Ans  1. hit
-  2. produced
-  3. leaped
-  4. bagged

Question ID : 8161611712

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.

Families, particularly those with children and who have the means, are opting to (1)\_\_\_\_\_ from Delhi driven by the increasing air pollution and (2)\_\_\_\_\_ impact on health. Delhi's Air Quality Index had (3)\_\_\_\_\_ a three-year-low this year, post-Diwali, creating a (4)\_\_\_\_\_ polluted atmosphere which led to (5)\_\_\_\_\_ problems in many, forcing people to wear masks outdoors and install air purifiers at home.

**SubQuestion No : 8**

**Q.8** Select the most appropriate option for blank No. 4.

- Ans  1. conditionally
-  2. severely
-  3. dissatisfied
-  4. separate

Question ID : 8161611713

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.

Families, particularly those with children and who have the means, are opting to (1)\_\_\_\_\_ from Delhi driven by the increasing air pollution and (2)\_\_\_\_\_ impact on health. Delhi's Air Quality Index had (3)\_\_\_\_\_ a three-year-low this year, post-Diwali, creating a (4)\_\_\_\_\_ polluted atmosphere which led to (5)\_\_\_\_\_ problems in many, forcing people to wear masks outdoors and install air purifiers at home.

**SubQuestion No : 9**

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

- Ans  1. abdominal
-  2. renal
-  3. brain
-  4. respiratory

Question ID : 8161611714

Status : Answered

Chosen Option : 4

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

There was a huge \_\_\_\_\_ in the stomach.

- Ans
- ☒ 1. tuber
  - ☒ 2. treasure
  - ☒ 3. tumour
  - ☒ 4. tremor

Question ID : 8161611729

Status : Answered

Chosen Option : 3

Q.11 Select the most appropriate word to fill in the blank.

The \_\_\_\_\_ part of this issue is that the investigation officer himself turned out to be the culprit.

- Ans
- ☒ 1. primary
  - ☒ 2. funniest
  - ☒ 3. major
  - ☒ 4. real

Question ID : 8161611730

Status : Answered

Chosen Option : 2

Q.12 Select the most appropriate synonym of the given word.

**ADJUSTMENT**

- Ans
- ☒ 1. Coordinating
  - ☒ 2. Balancing
  - ☒ 3. Compromising
  - ☒ 4. Cooperating

Question ID : 8161611728

Status : Answered

Chosen Option : 3

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

Everyone are very well equipped with his own weapons.

- Ans
- ☒ 1. Everyone are
  - ☒ 2. very well equipped
  - ☒ 3. own weapons
  - ☒ 4. with his

Question ID : 8161611707

Status : Answered

Chosen Option : 1

Q.14 Select the most appropriate ANTONYM of the given word.

PLAUSIBLE

- Ans
- ☒ 1. Fantastic
  - ☒ 2. Unmanageable
  - ☒ 3. Feasible
  - ☒ 4. Unlikely

Question ID : 8161611720

Status : Answered

Chosen Option : 2

Q.15 Select the wrongly spelt word.

- Ans
- ☒ 1. Combination
  - ☒ 2. Condonation
  - ☒ 3. Navigation
  - ☒ 4. Molestation

Question ID : 8161611723

Status : Answered

Chosen Option : 3

Q.16 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'.

So much as you are their class teacher, you are responsible for their performance in the examination.

- Ans
- ☒ 1. As long as
  - ☒ 2. In as much as
  - ☒ 3. As much to
  - ☒ 4. No improvement

Question ID : 8161611717

Status : Answered

Chosen Option : 1

Q.17 Select the synonym of the given word.

QUARRELSOME

- Ans
- ☒ 1. Opaque
  - ☒ 2. Ambiguous
  - ☒ 3. Pragmatic
  - ☒ 4. Querulous

Question ID : 8161611727

Status : Answered

Chosen Option : 4

Q.18 Select the most appropriate meaning of the given idiom.

Every cloud has a silver lining

- Ans
- ☒ 1. Something disheartening is there in any happy situation
  - ☒ 2. Something interesting is there in any colourful situation
  - ☒ 3. Something irritating is there in any joyous situation
  - ☒ 4. Something promising is there in any difficult situation

Question ID : 8161611721

Status : **Answered**

Chosen Option : 4

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

Made out of whole cloth

- Ans
- ☒ 1. Entirely true and convincing
  - ☒ 2. Entirely false though convincing
  - ☒ 3. Entirely false and fabricated
  - ☒ 4. Entirely fabricated though believable

Question ID : 8161611722

Status : **Not Answered**

Chosen Option : --

Q.20 Select the wrongly spelt word.

- Ans
- ☒ 1. Simulation
  - ☒ 2. Stylistics
  - ☒ 3. Simultaneoues
  - ☒ 4. Synthetic

Question ID : 8161611724

Status : **Answered**

Chosen Option : 3

Q.21 Select the word which means the same as the group of words given.

Things which are of the same kind and of the same dimensions

- Ans
- ☒ 1. Homophony
  - ☒ 2. Homonymous
  - ☒ 3. Homogenous
  - ☒ 4. Homosexual

Question ID : 8161611725

Status : **Answered**

Chosen Option : 3

Q.22 Given below are four jumbled sentences. Out of the given options select the one that gives their correct order.

- A. Navin and Jathin gathered a group of young men and trained them in fighting.
- B. They wanted to build their own village where people could live without fear.
- C. They lived in a jungle hideout on the banks of a river in the village.
- D. Navin and Jathin were brothers and brave fighters.

- Ans
- ☒ 1. DBCA
  - ☒ 2. DBAC
  - ☒ 3. DCAB
  - ☒ 4. DCBA

Question ID : 8161611716

Status : Answered

Chosen Option : 3

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

A song or music in praise of God

- Ans
- ☒ 1. Elegy
  - ☒ 2. Epic
  - ☒ 3. Hymn
  - ☒ 4. Ode

Question ID : 8161611726

Status : Answered

Chosen Option : 3

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

CASUAL

- Ans
- ☒ 1. Immature
  - ☒ 2. Planned
  - ☒ 3. Informal
  - ☒ 4. Inspirational

Question ID : 8161611719

Status : Answered

Chosen Option : 2

Q.25 Select the correct indirect form of the given sentence.

The traveller inquired, "Will there be a shelter for strangers?"

- Ans
- ☒ 1. The traveller inquired if would there be a shelter for strangers.
  - ☒ 2. The traveller inquired if there will be a shelter for strangers.
  - ☒ 3. The traveller inquired if there would be a shelter for strangers.
  - ☒ 4. The traveller inquired whether will there be a shelter for strangers.

Question ID : 8161611706

Status : Answered

Chosen Option : 3

**Q.1** If # means −, & means ÷, @ means ×, and + means +, then what is the value of the following expression?

$$15 @ 2 \div 900 \& 10 + 50$$

- Ans**
- ☒ 1. 50
  - ☒ 2. 21
  - ☒ 3. 290
  - ☒ 4. 70

Question ID : 8161611732

Status : **Answered**

Chosen Option : 4

**Q.2** 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. 360
  - ☒ 2. 196
  - ☒ 3. 528
  - ☒ 4. 224

Question ID : 8161611737

Status : **Answered**

Chosen Option : 2

**Q.3** Select the answer figure in which the question figure is embedded. (Rotation is not allowed)

**Question figure:**



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

Question ID : 8161611752

Status : **Answered**

Chosen Option : 2



Q.4 The sum of a number and its reciprocal is  $\frac{17}{4}$ . Find the numbers.

- Ans
- ☐ 1. 5 and  $\frac{1}{5}$
  - ☒ 2. 4 and  $\frac{1}{4}$
  - ☐ 3. 3 and  $\frac{1}{3}$
  - ☐ 4. 4 and  $\frac{1}{2}$

Question ID : 8161611731

Status : Answered

Chosen Option : 2

Q.5 In a certain code language, JONAIL is written as IRMDHO. How will PLMUTG be written as in code language?

- Ans
- ☐ 1. OOLXRK
  - ☒ 2. OOLXSJ
  - ☐ 3. OPLXSJ
  - ☐ 4. OOLYTJ

Question ID : 8161611739

Status : Answered

Chosen Option : 2

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 given conclusions logically follow(s) from the statements.

**Statements:**

- 1. All men are animals.
- 2. No man is a bird.

**Conclusions:**

- (I) All animals are birds.
- (II) All animals are men.

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

Question ID : 8161611748

Status : Answered

Chosen Option : 4

Q.7 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

mn\_pmno\_\_nopm\_op

- Ans
- ☐ 1. mpmo
  - ☐ 2. oppn
  - ☒ 3. opmn
  - ☐ 4. oomn

Question ID : 8161611741

Status : Answered

Chosen Option : 3

**Q.8** Select the option that is related to the third number in the same way as the second number is related to the first number.  
2197 : 12167 :: 343 : ?

- Ans**
- ☒ 1. 1000
  - ☒ 2. 729
  - ☒ 3. 515
  - ☒ 4. 4913

Question ID : 8161611733  
Status : Answered  
Chosen Option : 4

**Q.9** Select the number that can replace the question mark (?) in the following series.  
211, 215, 231, 267, ?

- Ans**
- ☒ 1. 312
  - ☒ 2. 421
  - ☒ 3. 296
  - ☒ 4. 331

Question ID : 8161611738  
Status : Answered  
Chosen Option : 4

**Q.10** Study the given pattern carefully and select the number that can replace the question mark (?) in it.

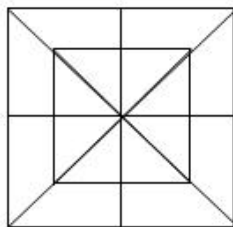
11	17	8
5	3	15
3	7	?

361   729   1225

- Ans**
- ☒ 1. 21
  - ☒ 2. 12
  - ☒ 3. 25
  - ☒ 4. 22

Question ID : 8161611734  
Status : Answered  
Chosen Option : 2

**Q.11** Find the number of triangles in the given figure.



- Ans**
- ☒ 1. 64
  - ☒ 2. 46
  - ☒ 3. 32
  - ☒ 4. 16

Question ID : 8161611751  
Status : Answered  
Chosen Option : 3

**Q.12** Identify the letter/letter-cluster that does NOT belong to the following series.

EC, G, HF, M, KI, T

- Ans**
- ✓ 1. T
  - ✗ 2. EC
  - ✗ 3. HF
  - ✗ 4. M

Question ID : 8161611746

Status : Answered

Chosen Option : 1

**Q.13** In a certain code language, 21683 is coded as UFHC and 15654 is coded as OFED. How will 15236 be coded as in that language?

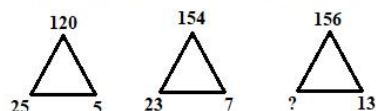
- Ans**
- ✓ 1. OBCF
  - ✗ 2. FAEBC
  - ✗ 3. FOX
  - ✗ 4. AEFOF

Question ID : 8161611740

Status : Answered

Chosen Option : 1

**Q.14** Study the given pattern carefully and select the number that can replace the question mark (?) in it.



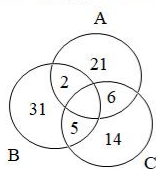
- Ans**
- ✓ 1. 13
  - ✗ 2. 23
  - ✗ 3. 21
  - ✗ 4. 11

Question ID : 8161611735

Status : Answered

Chosen Option : 1

**Q.15** In the given Venn diagram, 'A' denotes 'likes teaching', 'B' denotes 'likes cooking', and 'C' denotes 'likes playing'. How many persons like only teaching and playing but NOT cooking?



- Ans**
- ✗ 1. 29
  - ✓ 2. 41
  - ✗ 3. 23
  - ✗ 4. 48

Question ID : 8161611755

Status : Answered

Chosen Option : 2

**Q.16** Select the number that can replace the question mark (?) in the following series.

30, 130, 350, ?

- Ans
- ☒ 1. 729
  - ☒ 2. 738
  - ☒ 3. 1350
  - ☒ 4. 64

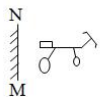
Question ID : 8161611736

Status : Answered

Chosen Option : 2

**Q.17** If a mirror is placed on line MN in the question figure, then which of the given answer figures is the correct mirror image of the question figure?

Question figure:



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

Question ID : 8161611754

Status : Answered

Chosen Option : 4

**Q.18** Select the number that can replace the question mark (?).

C10G, H20L, L17E, L?Q

- Ans
- ☒ 1. 19
  - ☒ 2. 25
  - ☒ 3. 30
  - ☒ 4. 29

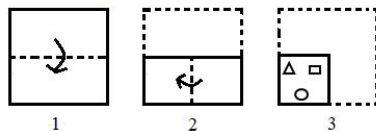
Question ID : 8161611742

Status : Answered

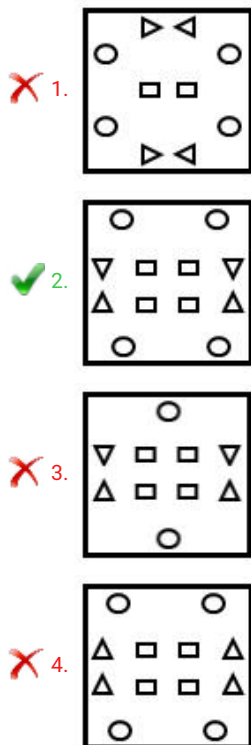
Chosen Option : 4

**Q.19** 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.

Question figure:



Ans



Question ID : 8161611753

Status : Answered

Chosen Option : 2

**Q.20** Select the option that is related to the third word in the same way as the second word is related to the first word.

Boxing : Ring :: Race : ?

- Ans
- 1. Arena
  - 2. Court
  - 3. Track
  - 4. Ground

Question ID : 8161611745

Status : Answered

Chosen Option : 3

**Q.21** Select the letter that can replace the question mark (?) in the following series.

C, E, G, F, E, G, I, H ?

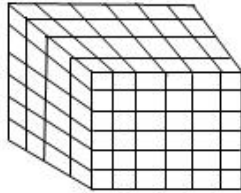
- Ans
- 1. G
  - 2. J
  - 3. E
  - 4. I

Question ID : 8161611743

Status : Answered

Chosen Option : 1

Q.22 How many cubes are there in the given figure?



- Ans
- ☒ 1. 180
  - ☒ 2. 84
  - ☒ 3. 72
  - ☒ 4. 144

Question ID : 8161611749

Status : Answered

Chosen Option : 4

Q.23 Identify the letter-cluster that does NOT belong to the following series.

DEC, HIG, LKM, PQO, TUS

- Ans
- ☒ 1. TUS
  - ☒ 2. PQO
  - ☒ 3. LKM
  - ☒ 4. HIG

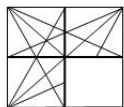
Question ID : 8161611747

Status : Answered

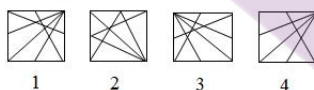
Chosen Option : 3

Q.24 Select the answer figure that when placed in the blank space of the question figure will complete the pattern.

Question figure:



Answer Figures:



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

Question ID : 8161611750

Status : Answered

Chosen Option : 1

**Q.25** X is the sister of Y. Y is the daughter of M. M is the mother of P. P is the brother of Y. T is the brother of X's mother. How is T related to M?

- Ans**
- ✓ 1. Brother
  - ✗ 2. Husband
  - ✗ 3. Son
  - ✗ 4. Father

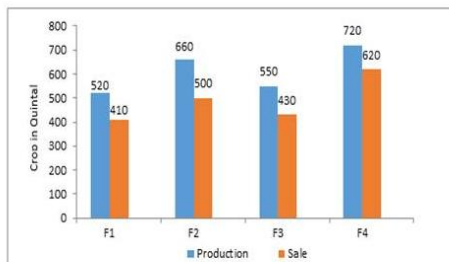
Question ID : 8161611744

Status : Answered

Chosen Option : 1

Section : Quantitative Aptitude(Basic Arithmetic Skill)

**Q.1** The given bar graph represents the production and sales of a certain crop in quintals by the farmers F1, F2, F3 and F4.



What is the ratio between the total sales and total production by all farmers?

- Ans**
- ✓ 1. 4 : 5
  - ✗ 2. 3 : 4
  - ✗ 3. 5 : 6
  - ✗ 4. 6 : 7

Question ID : 8161611778

Status : Answered

Chosen Option : 1

**Q.2** If  $\sin x = \frac{3}{5}$ ,  $0 \leq x \leq 90^\circ$ , then the value of  $\cot x \cdot \sec x$  is:

- Ans**
- ✓ 1.  $\frac{5}{3}$
  - ✗ 2.  $\frac{3}{5}$
  - ✗ 3.  $\frac{3}{4}$
  - ✗ 4.  $\frac{4}{5}$

Question ID : 8161611776

Status : Answered

Chosen Option : 1



**Q.3** A motorboat goes 24 km in 2 hour along the stream and 10 km in 1 hour against the stream. The speed of the motorboat in kilometres per hour, is:

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

Question ID : 8161611757

Status : **Answered**

Chosen Option : 3

**Q.4** Ravi sells a chair to Mohan at a profit 10% and Mohan sells it to Govind at profit 20%. If Govind pays ₹1,320 for it. Then the cost price for Ravi is:

- Ans**
- ☒ 1. ₹800
  - ☒ 2. ₹980
  - ☒ 3. ₹900
  - ☒ 4. ₹1,000

Question ID : 8161611762

Status : **Answered**

Chosen Option : 4

**Q.5** A pair of tangents AB and AC are drawn from a point which is at a distance of 10 cm from the centre O of a circle of radius 6 cm, then the area in  $\text{cm}^2$  of quadrilateral ABOC, is:

- Ans**
- ☒ 1. 52
  - ☒ 2. 48
  - ☒ 3. 60
  - ☒ 4. 72

Question ID : 8161611766

Status : **Answered**

Chosen Option : 2

**Q.6** If  $a = 2b$ , then the value of  $\frac{a+b}{a-b}$  is :

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

Question ID : 8161611769

Status : **Answered**

Chosen Option : 1



**Q.7** The average of the ages of a group of 65 men is 32 years. If 5 men join the group, the average of the ages of 70 men is 34 years. Then the average of the ages of those 5 men joined later (in years) is:

- Ans**
- ☒ 1. 50
  - ☒ 2. 60
  - ☒ 3. 65
  - ☒ 4. 55

Question ID : 8161611759

Status : Answered

Chosen Option : 2

**Q.8** The value of  $[(a^2 - b^2)^3 + (b^2 - c^2)^3 + (c^2 - a^2)^3] \div [(a - b)^3 + (b - c)^3 + (c - a)^3]$  is equal to:

(Given  $a \neq b \neq c$ )

- Ans**
- ☒ 1.  $(a + b)(b + c)(c + a)$
  - ☒ 2.  $(a - b)(b - c)(c - a)$
  - ☒ 3.  $(a^2 + b^2)(b^2 + c^2)(c^2 + a^2)$
  - ☒ 4.  $(a^2 - b^2)(b^2 - c^2)(c^2 - a^2)$

Question ID : 8161611771

Status : Answered

Chosen Option : 1

**Q.9** If  $\triangle ABC$  is a right angled triangle with  $\angle ABC = 90^\circ$ , and  $AC = 10$  cm,  $BC = 8$  cm, then the length of  $AB$  is:

- Ans**
- ☒ 1. 18 cm
  - ☒ 2. 6 cm
  - ☒ 3. 12 cm
  - ☒ 4. 2 cm

Question ID : 8161611767

Status : Answered

Chosen Option : 2

**Q.10** The marked price of a book is ₹900. What is the selling price of the book after giving two successive discounts each of 10% on it?

- Ans**
- ☒ 1. ₹749
  - ☒ 2. ₹820
  - ☒ 3. ₹800
  - ☒ 4. ₹729

Question ID : 8161611760

Status : Answered

Chosen Option : 4

Q.11 The value of 18% of 15% of  $\frac{25}{9}$  of 3800 is:

- Ans
- ☒ 1. 582
  - ☒ 2. 285
  - ☒ 3. 583
  - ☒ 4. 385

Question ID : 8161611761

Status : Answered

Chosen Option : 2

Q.12 In a  $\triangle ABC$ , DE is parallel to BC, AD = 3 cm, AE = 4 cm and AC = 10 cm, then the value of BD in centimetres, is:

- Ans
- ☒ 1. 3.5
  - ☒ 2. 4.5
  - ☒ 3. 7.5
  - ☒ 4. 5.5

Question ID : 8161611768

Status : Answered

Chosen Option : 2

Q.13 किसी बाह्य बिंदु से वृत्त पर खींची गई स्पर्शरेखाओं की लंबाई \_\_\_\_\_ होती है।

- Ans
- ☒ 1. लंबवत
  - ☒ 2. बराबर नहीं
  - ☒ 3. बराबर
  - ☒ 4. समानांतर

Question ID : 8161611765

Status : Answered

Chosen Option : 3

Q.14 The value of  $8 - [8 - (5 + 8) - \{8 - (8 - 5 + 8)\} + 10]$  is:

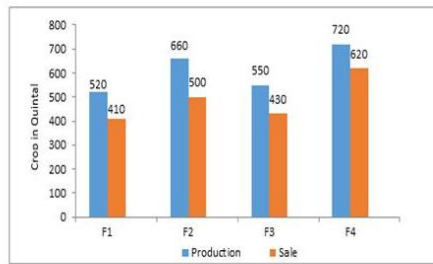
- Ans
- ☒ 1. 5
  - ☒ 2. 0
  - ☒ 3. 20
  - ☒ 4. 10

Question ID : 8161611773

Status : Answered

Chosen Option : 2

**Q.15** The given bar graph represents the production and sales of a certain crop in quintals by the farmers F1, F2, F3 and F4.



Which farmer recorded the highest percentage of sales with respect to the production?

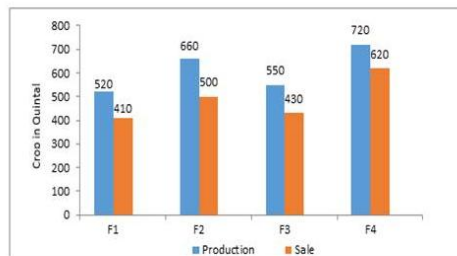
- Ans**
- ☒ 1. F1
  - ☒ 2. F2
  - ☒ 3. F4
  - ☒ 4. F3

Question ID : 8161611780

Status : Answered

Chosen Option : 3

**Q.16** The given bar graph represents the production and sales of a certain crop in quintals by the farmers F1, F2, F3 and F4.



What is the percentage less in the production by farmer F1 with respect to the production by farmer F2?

- Ans**
- ☒ 1.  $21\frac{7}{33}\%$
  - ☒ 2.  $23\frac{7}{33}\%$
  - ☒ 3.  $22\frac{7}{33}\%$
  - ☒ 4.  $24\frac{7}{33}\%$

Question ID : 8161611779

Status : Answered

Chosen Option : 1

Q.17 The radius of a circular cone is R and its height is H. The volume of cone is:

- Ans
- ☒ 1.  $\pi R H^2$
  - ☒ 2.  $\frac{2}{3\pi R^2 H}$
  - ☒ 3.  $\frac{\pi R^2 H}{3}$
  - ☒ 4.  $\pi R^2 H$

Question ID : 8161611758

Status : Answered

Chosen Option : 3

Q.18 If  $kx^3 + 4x^2 + 3x - 4$  and  $x^3 - 4x + k$  leave the same remainder when divided by  $(x - 3)$ , then the value of k is:

- Ans
- ☒ 1. 1
  - ☒ 2. 2
  - ☒ 3. 0
  - ☒ 4. -1

Question ID : 8161611770

Status : Answered

Chosen Option : 4

Q.19 Which of the following numbers is divisible by both 7 and 11?

- Ans
- ☒ 1. 12,235
  - ☒ 2. 16,257
  - ☒ 3. 16,425
  - ☒ 4. 16,324

Question ID : 8161611772

Status : Answered

Chosen Option : 4

Q.20 If  $\frac{\sin x + \cos x}{\sin x - \cos x} = \frac{6}{5}$ , then the value of  $\frac{\tan^2 x + 1}{\tan^2 x - 1}$  is:

- Ans
- ☒ 1.  $\frac{60}{61}$
  - ☒ 2.  $\frac{61}{60}$
  - ☒ 3.  $\frac{35}{61}$
  - ☒ 4.  $\frac{61}{35}$

Question ID : 8161611775

Status : Answered

Chosen Option : 2

Q.21 If  $x : y = 3 : 2$  and  $x + y = 90$ , then the value  $(x - y)$  is:

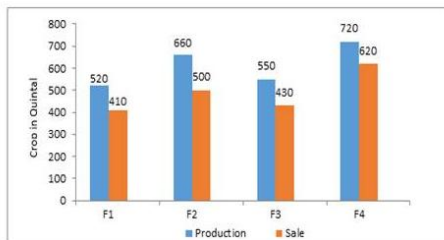
- Ans
- ☒ 1. 16
  - ☒ 2. 14
  - ☒ 3. 18
  - ☒ 4. 12

Question ID : 8161611763

Status : Answered

Chosen Option : 3

Q.22 The given bar graph represents the production and sales of a certain crop in quintals by the farmers F1, F2, F3 and F4.



What is the average of a crop in quintals, sold by the all farmers?

- Ans
- ☒ 1. 530
  - ☒ 2. 490
  - ☒ 3. 510
  - ☒ 4. 470

Question ID : 8161611777

Status : Answered

Chosen Option : 2

Q.23 In a certain time, a sum of money becomes five times itself if the rate of the interest is 16% p.a. Then the certain time (in years) is:

- Ans
- ☒ 1. 25
  - ☒ 2. 38
  - ☒ 3. 30
  - ☒ 4. 32

Question ID : 8161611764

Status : Answered

Chosen Option : 1

Q.24 Ravi, Mohan and Govind can complete a task in 12 days, 10 days and 15 days, respectively. In how many days can Ravi, Mohan and Govind together complete the same task?

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

Question ID : 8161611756

Status : Answered

Chosen Option : 3

Q.25 The value of  $\frac{\sin 30^\circ \cos 60^\circ + \cos 45^\circ \sin 45^\circ}{\tan 60^\circ \cot 30^\circ}$  is:

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

Question ID : 8161611774  
Status : Answered  
Chosen Option : 4

Section : General Awareness

Q.1 Who won the 2019 Women's World Rapid Chess Championship?

- Ans
- ☒ 1. Lei Tingjie
  - ☒ 2. Ju Wenjun
  - ☒ 3. Humpy Koneru
  - ☒ 4. Ekaterina Atalik

Question ID : 8161611786  
Status : Answered  
Chosen Option : 3

Q.2 Velds are grasslands of:

- Ans
- ☒ 1. America
  - ☒ 2. Africa
  - ☒ 3. Asia
  - ☒ 4. Australia

Question ID : 8161611796  
Status : Answered  
Chosen Option : 1

Q.3 Which technology do third generation computers use?

- Ans
- ☒ 1. Transistors
  - ☒ 2. Vacuum tubes
  - ☒ 3. Integrated circuits
  - ☒ 4. Microprocessors

Question ID : 8161611782  
Status : Answered  
Chosen Option : 3

**Q.4** Chenchus schedule tribe belongs to which state of India?

- Ans
- ☒ 1. Telangana
  - ☐ 2. West Bengal
  - ☐ 3. Kerala
  - ☐ 4. Nagaland

Question ID : **8161611784**  
Status : **Not Answered**  
Chosen Option : --

**Q.5** Which woman astronaut has set the record for the longest single spaceflight by a woman?

- Ans
- ☐ 1. Jessica Meir
  - ☐ 2. Peggy Whitson
  - ☒ 3. Christina Koch
  - ☐ 4. Sunita Williams

Question ID : **8161611785**  
Status : **Answered**  
Chosen Option : **3**

**Q.6** Which zone separates the crust and mantle?

- Ans
- ☐ 1. Lithosphere
  - ☐ 2. Stratosphere
  - ☐ 3. Asthenosphere
  - ☒ 4. Moho

Question ID : **8161611794**  
Status : **Answered**  
Chosen Option : **1**

**Q.7** When did Shuja-ud-daulah and Shah Alam sign treaties at Allahabad with Robert Clive?

- Ans
- ☒ 1. 1765
  - ☐ 2. 1766
  - ☐ 3. 1767
  - ☐ 4. 1764

Question ID : **8161611797**  
Status : **Answered**  
Chosen Option : **1**

**Q.8** Who acts as the President during casual vacancy that arises due to death of the President?

- Ans
- ☒ 1. Vice-President
  - ☐ 2. Chief Justice of India
  - ☐ 3. Lok Sabha Speaker
  - ☐ 4. Nominated Lok Sabha member

Question ID : **8161611801**  
Status : **Answered**  
Chosen Option : **1**

Q.9 Bylakuppe Monastery (Namdroling) is situated in which state of India?

- Ans
- ☐ 1. Himachal Pradesh
  - ☐ 2. Arunachal Pradesh
  - ☐ 3. Maharashtra
  - ☒ 4. Karnataka

Question ID : 8161611783  
Status : Not Answered  
Chosen Option : --

Q.10 What is the radius of the moon?

- Ans
- ☐ 1.  $1.79 \times 10^6$  m
  - ☒ 2.  $1.74 \times 10^6$  m
  - ☐ 3.  $1.74 \times 10^5$  m
  - ☐ 4.  $1.78 \times 10^6$  m

Question ID : 8161611792  
Status : Not Answered  
Chosen Option : --

Q.11 Who was the first Indian to join the Viceroy's Executive Council?

- Ans
- ☐ 1. PS Siwaswami Iyer
  - ☐ 2. Syed Ali Iman
  - ☐ 3. Tej Bahadur Sapru
  - ☒ 4. Satyendra Prasad Sinha

Question ID : 8161611798  
Status : Answered  
Chosen Option : 4

Q.12 World's largest field hockey stadium based on the seating capacity is located in which country?

- Ans
- ☐ 1. India
  - ☒ 2. Pakistan
  - ☐ 3. Australia
  - ☐ 4. Netherlands

Question ID : 8161611805  
Status : Not Answered  
Chosen Option : --

Q.13 The period of second five year plan in India was:

- Ans
- ☐ 1. 1951-56
  - ☐ 2. 1969-74
  - ☒ 3. 1956-61
  - ☐ 4. 1961-66

Question ID : 8161611788  
Status : Answered  
Chosen Option : 4



**Q.14 In the field of computing, what does VRML stand for?**

- Ans
- ☒ 1. Visual Reality Mark Up Language
  - ☒ 2. Virtual Reality Machine Language
  - ☒ 3. Virtual Reality Mark Up Language
  - ☒ 4. Visual Reality Machine Language

Question ID : **8161611781**  
Status : **Answered**  
Chosen Option : **2**

**Q.15 Who was the first Chief Election Commissioner of India?**

- Ans
- ☒ 1. Kalyan Sundaram
  - ☒ 2. Om Prakash Rawat
  - ☒ 3. Mihir Sen
  - ☒ 4. Sukumar Sen

Question ID : **8161611802**  
Status : **Answered**  
Chosen Option : **4**

**Q.16 Who has won DSC Prize for South Asian Literature 2019?**

- Ans
- ☒ 1. Chetan Bhagat
  - ☒ 2. Amitabha Bagchi
  - ☒ 3. Arundhati Roy
  - ☒ 4. Ruskin Bond

Question ID : **8161611800**  
Status : **Answered**  
Chosen Option : **2**

**Q.17 Animals of which phylum have jointed legs?**

- Ans
- ☒ 1. Echinodermata
  - ☒ 2. Mollusca
  - ☒ 3. Nematoda
  - ☒ 4. Arthropoda

Question ID : **8161611791**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.18 Which country launched the third 'Long March-5', the largest carrier rocket of the country, in December 2019?**

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

Question ID : **8161611787**  
Status : **Answered**  
Chosen Option : **1**

**Q.19** How many Grand Slam tournaments are played in a year in tennis?

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

Question ID : **8161611804**  
Status : **Answered**  
Chosen Option : 1

**Q.20** India is divided into how many earthquake zones (seismic zones)?

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

Question ID : **8161611793**  
Status : **Answered**  
Chosen Option : 2

**Q.21** What is the normal air pressure at sea level?

- Ans
- ☐ 1. 985.14 millibars
  - ☐ 2. 1100.12 millibars
  - ☒ 3. 1013.25 millibars
  - ☐ 4. 886.13 millibars

Question ID : **8161611795**  
Status : **Answered**  
Chosen Option : 3

**Q.22** The mixed economy is:

- Ans
- ☐ 1. co-existence of traditional and modern industries
  - ☐ 2. presence of subsistence and commercial farming
  - ☐ 3. presence of domestic and foreign investments
  - ☒ 4. a market system of resource allocation, commerce, and trade in which free markets coexist with government intervention

Question ID : **8161611789**  
Status : **Answered**  
Chosen Option : 1

**Q.23** What is the formula of butane gas?

- Ans
- ☐ 1.  $C_5H_{10}$
  - ☒ 2.  $C_4H_{10}$
  - ☐ 3.  $C_4H_6$
  - ☐ 4.  $C_4H_8$

Question ID : **8161611790**  
Status : **Answered**  
Chosen Option : 2

Q.24 Which country has announced setting up of Gandhi Citizenship Education Prize?

Ans

- ☒ 1. India
- ☒ 2. Portugal
- ☒ 3. Germany
- ☒ 4. South Africa

Question ID : 8161611799

Status : **Answered**

Chosen Option : 2

Q.25 Where were the first Winter Paralympics Games held?

Ans

- ☒ 1. Italy
- ☒ 2. Russia
- ☒ 3. Sweden
- ☒ 4. Korea

Question ID : 8161611803

Status : **Not Answered**

Chosen Option : --