

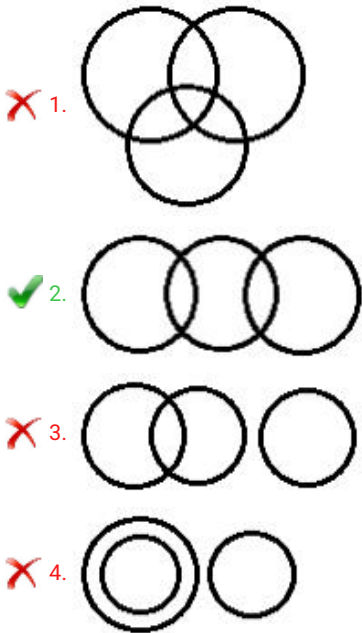
Combined Graduate Level Examination-2019 (Tier-I)

Roll Number	www.exammix.com
Candidate Name	www.exammix.com
Venue Name	
Exam Date	09/03/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CGLE Tier I

Section : General Intelligence and Reasoning

Q.1 Which of the following Venn diagrams best represents the relationship between the classes?  
Tables, Wooden objects, Chairs

Ans



Question ID : 816161855  
Status : Answered  
Chosen Option : 2

Q.2 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. RSTU
2. TVXZ
3. ADGJ
4. JNQS

Question ID : 816161833  
Status : Answered  
Chosen Option : 4

**Q.3** If 'A' stands for 'subtraction', 'B' stands for 'multiplication', 'C' stands for 'addition' and 'D' stands for 'division', then what is the value of the following expression?

$32 \text{ B } 4 \text{ A } 12 \text{ B } (35 \text{ A } 24) \text{ C } 52 \text{ D } 4$

- Ans**
- ☒ 1. 39
  - ☒ 2. 19
  - ☒ 3. 9
  - ☒ 4. 47

Question ID : **816161847**  
Status : **Answered**  
Chosen Option : **3**

**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.

$56 : 30 :: 78 : ?$

- Ans**
- ☒ 1. 56
  - ☒ 2. 53
  - ☒ 3. 50
  - ☒ 4. 61

Question ID : **816161843**  
Status : **Answered**  
Chosen Option : **1**

**Q.5** Select the option in which the given figure is embedded (rotation is not allowed).



**Ans**

✓ 1.



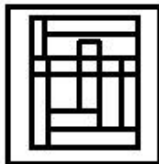
✗ 2.



✗ 3.



✗ 4.



Question ID : 816161852  
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 given conclusions logically follow(s) from the statements.

**Statements:**

- 1. Some dancers are writers.
- 2. All writers are students.

**Conclusions:**

- I. Some students are dancers.
- II. Some students are writers.
- III. No student is a dancer.

**Ans**

✗ 1. Either conclusion I or III follows.

✗ 2. Only conclusions II and III follow.

✓ 3. Only conclusions I and II follow.

✗ 4. All conclusions I, II and III follow.

Question ID : 816161841  
Status : Answered  
Chosen Option : 3

Q.7 'Ethiopia' is related to 'Africa' in the same way as 'Brazil' is related to '\_\_\_\_\_'.  
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- Ans
- ☒ 1. South America
  - ☐ 2. North America
  - ☐ 3. Africa
  - ☐ 4. Brasilia

Question ID : 816161835  
Status : Answered  
Chosen Option : 3

Q.8 Select the option in which the words share the same relationship as that shared by the given pair of words.

Audition : Selection

- Ans
- ☐ 1. Machine : Fault
  - ☐ 2. Competition : Poem
  - ☐ 3. Loyalty : Fraud
  - ☒ 4. Examination : Pass

Question ID : 816161836  
Status : Answered  
Chosen Option : 4

Q.9 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(88, 60, 37)

- Ans
- ☐ 1. (36, 70, 38)
  - ☐ 2. (43, 49, 27)
  - ☐ 3. (56, 38, 28)
  - ☒ 4. (94, 42, 34)

Question ID : 816161845  
Status : Not Answered  
Chosen Option : --

Q.10 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. 53 : 378
  - ☐ 2. 37 : 266
  - ☐ 3. 45 : 322
  - ☒ 4. 43 : 318

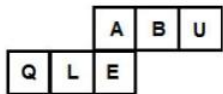
Question ID : 816161844  
Status : Answered  
Chosen Option : 3

**Q.11** In a certain code language, 'POUND' is coded as '106' and 'CLEAN' is coded as '41'. How will 'MAKER' be coded as in that language?

- Ans
- ☒ 1. 112
  - ☒ 2. 50
  - ☒ 3. 78
  - ☒ 4. 54

Question ID : **816161838**  
Status : **Not Answered**  
Chosen Option : --

**Q.12** A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of letters will be on opposite sides?



- Ans
- ☒ 1. B and E
  - ☒ 2. L and U
  - ☒ 3. A and Q
  - ☒ 4. Q and E

Question ID : **816161851**  
Status : **Answered**  
Chosen Option : 4

**Q.13** Arrange the following words in the order in which they would appear in an English dictionary.

- 1. Realistic
- 2. Realism
- 3. Restore
- 4. Research
- 5. Resurge

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

Question ID : **816161832**  
Status : **Answered**  
Chosen Option : 4

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

DJQC, ELTG, FNWK, GPZO, ?

- Ans ☒ 1. HRCS  
☐ 2. GRDS  
☐ 3. HQCT  
☐ 4. HRBU

Question ID : 816161839  
Status : Answered  
Chosen Option : 1

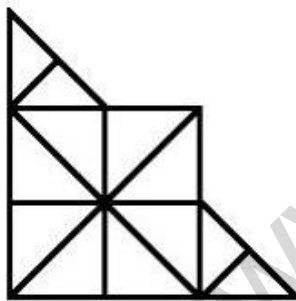
Q.15 Select the correct mirror image of the given letter-cluster when a vertical mirror is placed on the right side of the cluster.

RQBKHNT

- Ans ☒ 1. T I H K B R Q  
☐ 2. B Q B K H N T  
☐ 3. T I H K B R Q  
☐ 4. T N H K B R Q

Question ID : 816161853  
Status : Answered  
Chosen Option : 1

Q.16 How many triangles are there in the given figure?



- Ans ☐ 1. 24  
☐ 2. 21  
☒ 3. 22  
☐ 4. 23

Question ID : 816161850  
Status : Answered  
Chosen Option : 2

**Q.17** Study the given pattern carefully and select the number that can replace the question mark (?) in it.

11	12	18
4	5	6
57	19	?

- Ans**
- ☒ 1. 69
  - ☒ 2. 205
  - ☒ 3. 55
  - ☒ 4. 108

Question ID : **816161846**  
Status : **Not Answered**  
Chosen Option : --

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

Y, R, L, G, ?, Z

- Ans**
- ☒ 1. C
  - ☒ 2. E
  - ☒ 3. F
  - ☒ 4. D

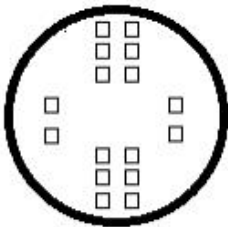
Question ID : **816161831**  
Status : **Answered**  
Chosen Option : 1

**Q.19** A piece of paper is folded and cut as shown below in the question figures, how it will appear when unfolded?

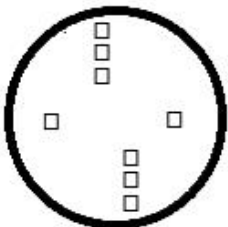


Ans

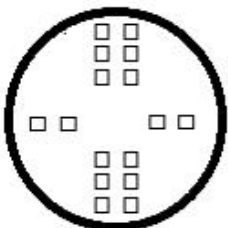
✓ 1.



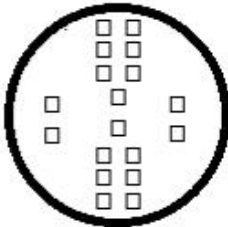
✗ 2.



✗ 3.



✗ 4.



Question ID : 816161854  
Status : Answered  
Chosen Option : 1

**Q.20** Four words have been given, out of which three are alike in some manner and one is different. Select the odd word.

Ans

✓ 1. Gallon

✗ 2. Volume

✗ 3. Weight

✗ 4. Distance

Question ID : 816161834  
Status : Answered  
Chosen Option : 4







Q.21  $A + B$  means 'A is the father of B';

$A \times B$  means 'A is the brother of B';

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

Which of the following expressions means 'H is the paternal grandson of P'?

- Ans  1.  $P + K + D \div H \times M$   
 2.  $D + H + K \times M \div P$   
 3.  $P + K + D \times H \div M$   
 4.  $H + K + D \times P \div M$





Question ID : 816161840  
 Status : Answered  
 Chosen Option : 1

Q.22 60 students participated in one or more of the three competitions, i.e. Quiz, Extempore and Debate. A total of 22 students participated either in Quiz only or in Extempore only. 4 students participated in all three competitions. A total of 14 students participated in any of the two competitions only. How many students participated in Debate only?

- Ans  1. 22  
 2. 11  
 3. 14  
 4. 20

Question ID : 816161848  
 Status : Answered  
 Chosen Option : 1

Q.23 In a certain code language, 'DRONE' is written as 'SERFO'. How will 'HOUSE' be written as in that language?

- Ans  1. PQWGS  
 2. PIVFT  
 3. PIXFT  
 4. QJXGB

Question ID : 816161837  
 Status : Not Answered  
 Chosen Option : --

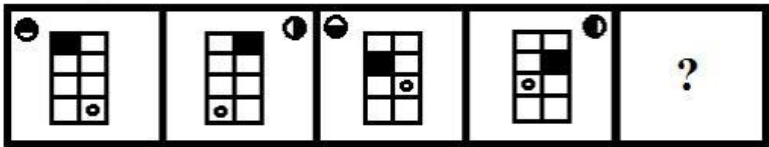
Q.24 Identify the number that does NOT belong to the following series.

2, 6, 14, 30, 62, 126, 250

- Ans
- ☒ 1. 62
  - ☒ 2. 14
  - ☒ 3. 126
  - ☒ 4. 250

Question ID : 816161842  
Status : Answered  
Chosen Option : 4

Q.25 Select the figure that can replace the question mark (?) in the following series.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 816161849  
Status : Answered  
Chosen Option : 4

Section : General Awareness

Q.1 Fatehabad district derives its name from the eponymous headquarters town founded by \_\_\_\_\_ in the 14th century, who named it after his son Fateh Khan.

- Ans ☒ 1. Firoz Shah Tughlaq
- ☐ 2. Allauddin Khilji
- ☐ 3. Humayun
- ☐ 4. Ghiyasuddin Tughlaq

Question ID : 816161869  
Status : Answered  
Chosen Option : 1

Q.2 \_\_\_\_\_ are called the 'Powerhouses' of the cell.

- Ans ☒ 1. Mitochondria
- ☐ 2. Arteries
- ☐ 3. Pituitary glands
- ☐ 4. Lungs

Question ID : 816161863  
Status : Answered  
Chosen Option : 1

Q.3 What does the writ of 'Mandamus' mean?

- Ans ☒ 1. We Command
- ☐ 2. By What Warrants
- ☐ 3. You May Have the Body
- ☐ 4. To be Certified

Question ID : 816161875  
Status : Answered  
Chosen Option : 1

Q.4 Which of the following years is called the Year of the Great Divide in the demographic history of India?

- Ans ☐ 1. 1931
- ☐ 2. 1911
- ☒ 3. 1921
- ☐ 4. 1951

Question ID : 816161867  
Status : Not Answered  
Chosen Option : --

Q.5 Name the first actor to win the Oscar Awards.

- Ans
- ☒ 1. Lionel Barrymore
  - ☒ 2. Emil Jannings
  - ☒ 3. Warner Baxter
  - ☒ 4. Charlie Chaplin

Question ID : 816161873

Status : Not Answered

Chosen Option : --

Q.6 Name the author of the book 'Ain-i-Akbari'?

- Ans
- ☒ 1. Dara Shikoh
  - ☒ 2. Abdul Rahim Khan-I-Khana
  - ☒ 3. Abu'l Fazl
  - ☒ 4. Todar Mal

Question ID : 816161871

Status : Answered

Chosen Option : 3

Q.7 Which of the following Acts was amended to provide a statutory basis for the implementation of the flexible inflation targeting (FIT) framework?

- Ans
- ☒ 1. Reserve Bank of India (RBI) Act, 1934
  - ☒ 2. Deposit Insurance and Credit Guarantee Corporation Act, 1961
  - ☒ 3. The Industrial Finance Corporation of India Act, 1948
  - ☒ 4. Banking Regulation Act, 1949

Question ID : 816161858

Status : Not Answered

Chosen Option : --

Q.8 What is the yellow dust present in the middle of a flower called?

- Ans
- ☒ 1. Zygote
  - ☒ 2. Sperm
  - ☒ 3. Stomata
  - ☒ 4. Pollen

Question ID : 816161860

Status : Answered

Chosen Option : 4

Q.9 The wood of which of the following trees is used to make the large plucked string instrument used in Carnatic classical music known as Bobbili Veena / Saraswathi Veena?

- Ans ☒ 1. Jackfruit wood  
☐ 2. Sandal wood  
☐ 3. Walnut wood  
☐ 4. Teak wood

Question ID : 816161857  
Status : Not Answered  
Chosen Option : --

Q.10 Deficiency of which of the following vitamins causes Night Blindness?

- Ans ☐ 1. Vitamin B  
☐ 2. Vitamin C  
☐ 3. Vitamin D  
☒ 4. Vitamin A

Question ID : 816161864  
Status : Answered  
Chosen Option : 4

Q.11 Shaukat Kaifi passed away in 2019. She was the mother of which famous actress?

- Ans ☒ 1. Shabana Azmi  
☐ 2. Dia Mirza  
☐ 3. Fatima Sana Shaikh  
☐ 4. Urmila Matondkar

Question ID : 816161872  
Status : Not Answered  
Chosen Option : --

Q.12 Who launched the first phase of the Mumbai Trans Harbour Link (MTHL) on 15th January 2020?

- Ans ☐ 1. Devendra Fadnavis  
☒ 2. Uddhav Thackeray  
☐ 3. Narendra Modi  
☐ 4. Ajit Pawar

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Question ID : 816161878  
Status : Answered  
Chosen Option : 1

Q.13 Jai Prakash Narayan Museum of Socialism is situated in:

- Ans
- ☒ 1. New Delhi
  - ☒ 2. Lucknow
  - ☒ 3. Vadodara
  - ☒ 4. Amritsar

Question ID : 816161856

Status : Not Answered

Chosen Option : --

Q.14 Protium, deuterium and tritium are the naturally occurring isotopes of:

- Ans
- ☒ 1. hydrogen
  - ☒ 2. carbon
  - ☒ 3. nitrogen
  - ☒ 4. gold

Question ID : 816161861

Status : Answered

Chosen Option : 1

Q.15 The Legislative Assembly of which state adopted a new logo on the 9th January 2020?

- Ans
- ☒ 1. Assam
  - ☒ 2. Andhra Pradesh
  - ☒ 3. Arunachal Pradesh
  - ☒ 4. Tripura

Question ID : 816161880

Status : Not Answered

Chosen Option : --

Q.16 In which of the following is citric acid present?

- Ans
- ☒ 1. Black Gram
  - ☒ 2. Curd
  - ☒ 3. Lemon
  - ☒ 4. Tamarind

Question ID : 816161862

Status : Answered

Chosen Option : 3

Q.17 The India Meteorological Department (IMD) celebrated its \_\_\_\_\_ foundation day on January 15, 2020.

- Ans
- ☒ 1. 135th
  - ☒ 2. 139th
  - ☒ 3. 145th
  - ☒ 4. 140th

Question ID : 816161879

Status : Answered

Chosen Option : 3

Q.18 Name the Indian equestrian to qualify for the Tokyo Olympics officially after a wait / span of two decades.

- Ans
- ☒ 1. Bishal Singh
  - ☒ 2. Ghulam Mohammed Khan
  - ☒ 3. Fouaad Mirza
  - ☒ 4. Raghubir Singh

Question ID : 816161876

Status : Not Answered

Chosen Option : --

Q.19 What does GNP stand for?

- Ans
- ☒ 1. Gramin Nigam Parishad
  - ☒ 2. Gramin Nisak Praman
  - ☒ 3. Gross National Product
  - ☒ 4. Gross National Produce

Question ID : 816161859

Status : Answered

Chosen Option : 3

Q.20 Who designed the logo for Lokpal in India?

- Ans
- ☒ 1. B.P. Raju
  - ☒ 2. Kamareddy
  - ☒ 3. Prashant Mishra
  - ☒ 4. Deepak Punia

Question ID : 816161874

Status : Not Answered

Chosen Option : --

Q.21 On which country has the World Anti-doping Agency recently imposed a 4-year ban?

- Ans
- ☒ 1. Pakistan
  - ☒ 2. China
  - ☒ 3. Brazil
  - ☒ 4. Russia

Question ID : 816161877  
Status : Answered  
Chosen Option : 4

Q.22 In which year was the first Round Table Conference held in London?

- Ans
- ☒ 1. 1930
  - ☒ 2. 1919
  - ☒ 3. 1923
  - ☒ 4. 1907

Question ID : 816161870  
Status : Answered  
Chosen Option : 1

Q.23 What is the pass at the southern end of the Nilgiri hills called?

- Ans
- ☒ 1. Chorla ghat pass
  - ☒ 2. Palakkad gap
  - ☒ 3. Goran ghat pass
  - ☒ 4. Malshej ghat pass

Question ID : 816161866  
Status : Not Answered  
Chosen Option : --

Q.24 In which year did the Portuguese capture Goa?

- Ans
- ☒ 1. 1510 AD
  - ☒ 2. 1475 AD
  - ☒ 3. 1540 AD
  - ☒ 4. 1610 AD

Question ID : 816161868  
Status : Not Answered  
Chosen Option : --



Q.25 The Paithan Hydro - Electric Project is on river \_\_\_\_\_.

- Ans
- ☒ 1. Brahmaputra
  - ☒ 2. Yamuna
  - ☒ 3. Narmada
  - ☒ 4. Godavari

Question ID : 816161865

Status : Not Answered

Chosen Option : --

Section : Quantitative Aptitude

Q.1 The length, breadth and height of a cuboidal box are in the ratio 7 : 5 : 3 and its whole surface area is  $27832 \text{ cm}^2$ . Its volume is:

- Ans
- ☒ 1.  $288100 \text{ cm}^3$
  - ☒ 2.  $280120 \text{ cm}^3$
  - ☒ 3.  $288120 \text{ cm}^3$
  - ☒ 4.  $208120 \text{ cm}^3$

Question ID : 816161891

Status : Not Answered

Chosen Option : --

Q.2 If  $A + B = 12$  and  $AB = 17$ , what is the value of  $A^3 + B^3$ ?

- Ans
- ☒ 1. 1116
  - ☒ 2. 1106
  - ☒ 3. 1213
  - ☒ 4. 1166

Question ID : 816161894

Status : Answered

Chosen Option : 1

Q.3 Ravi scores 72% marks in examinations. If these are 360 marks, then the maximum marks are:

- Ans
- ☒ 1. 450
  - ☒ 2. 400
  - ☒ 3. 500
  - ☒ 4. 350

Question ID : 816161885

Status : Answered

Chosen Option : 3

**Q.4** The following table represents the number of candidates that appeared and qualified in a competitive examination from different states over five years. Study the table and answer the questions that follow.

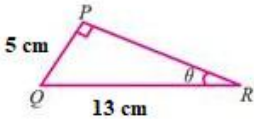
State	Year									
	1997		1998		1999		2000		2001	
	Appeared	Qualified.	Appeared	Qualified.	Appeared	Qualified.	Appeared	Qualified.	Appeared	Qualified.
M	5200	720	8500	980	7400	850	6800	775	9500	1125
N	7500	840	9200	1050	8450	920	9200	980	8800	1020
P	6400	780	8800	1020	7800	890	8750	1010	9750	1250
Q	8100	950	9500	1240	8700	980	9700	1200	8950	995

What is the difference between the number of candidates qualifying in the year 1998, in the states M and P?

- Ans
- ☒ 1. 60
  - ☒ 2. 50
  - ☒ 3. 44
  - ☒ 4. 40

Question ID : 816161902  
Status : Answered  
Chosen Option : 4

**Q.5** In the right triangle shown in the figure ,what is the value of  $\operatorname{cosec}\theta$ ?



- Ans
- ☒ 1.  $\frac{5}{11}$
  - ☒ 2.  $\frac{12}{13}$
  - ☒ 3.  $\frac{13}{5}$
  - ☒ 4.  $\frac{5}{13}$

Question ID : 816161900  
Status : Answered  
Chosen Option : 3

Q.6 If  $6\tan\theta - 5\sqrt{3}\sec\theta + 12\cot\theta = 0, 0^\circ < \theta < 90^\circ$ , then the value of  $(\operatorname{cosec}\theta + \sec\theta)$  is:

Ans

- ☒ 1.  $\frac{3 + \sqrt{3}}{2}$
- ☒ 2.  $\frac{2(3 + 2\sqrt{3})}{3}$
- ☒ 3.  $\frac{3 + 2\sqrt{3}}{2}$
- ☒ 4.  $\frac{2}{3}(3 + \sqrt{3})$

Question ID : 816161899

Status : Answered

Chosen Option : 2

Q.7 Ram makes a profit of 30% by selling an article. What would be the profit percent if it were calculated on the selling price instead of the cost price? (Correct to one decimal place)

Ans

- ☒ 1. 20.1 %
- ☒ 2. 24.2 %
- ☒ 3. 23.1 %
- ☒ 4. 22.4 %

Question ID : 816161886

Status : Answered

Chosen Option : 3

Q.8 The single discount equivalent to two successive discounts of 20% and 15% is:

Ans

- ☒ 1. 22%
- ☒ 2. 30%
- ☒ 3. 32%
- ☒ 4. 28%

Question ID : 816161884

Status : Answered

Chosen Option : 3

Q.9 The value of  $1800 \div 20 \times \{(12 - 6) + (24 - 12)\}$  is:

Ans

- ☒ 1. 1720
- ☒ 2. 1620
- ☒ 3. 840
- ☒ 4. 2720

Question ID : 816161882

Status : Answered

Chosen Option : 2

**Q.10** Ram and Shyam can complete a task in  $6\frac{2}{3}$  days and 15 days, respectively. They work together for 4 days, and then Ram leaves. In how many days after Ram leaves, will Shyam complete the remaining task alone?

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

Question ID : **816161889**  
Status : **Answered**  
Chosen Option : **3**

**Q.11** Triangle PDC is drawn inside the square ABCD of side 24 cm where P lies on AB. What is the area of the triangle?

- Ans**
- ☒ 1.  $288 \text{ cm}^2$
  - ☒ 2.  $280 \text{ cm}^2$
  - ☒ 3.  $298 \text{ cm}^2$
  - ☒ 4.  $200 \text{ cm}^2$

Question ID : **816161898**  
Status : **Answered**  
Chosen Option : **1**

**Q.12** The following table represents the number of candidates that appeared and qualified in a competitive examination from different states over five years. Study the table and answer the questions that follow.

State	Year									
	1997		1998		1999		2000		2001	
	Appeared	Qualified.	Appeared	Qualified.	Appeared	Qualified.	Appeared	Qualified.	Appeared	Qualified.
M	5200	720	8500	980	7400	850	6800	775	9500	1125
N	7500	840	9200	1050	8450	920	9200	980	8800	1020
P	6400	780	8800	1020	7800	890	8750	1010	9750	1250
Q	8100	950	9500	1240	8700	980	9700	1200	8950	995

What was the total number of candidates appearing from all the states in the year 1997?

- Ans**
- ☒ 1. 22,700
  - ☒ 2. 27,200
  - ☒ 3. 27,000
  - ☒ 4. 72,200

Question ID : **816161903**  
Status : **Answered**  
Chosen Option : **2**

Q.13 Expand:  $(4a + 3b + 2c)^2$

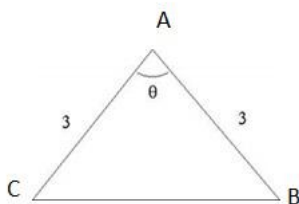
- Ans ☒ 1.  $16a^2 + 9b^2 + 4c^2 + 24ab + 12bc + 16ca$   
☒ 2.  $4a^2 + 3b^2 + 2c^2 + 24ab + 12bc + 16ca$   
☒ 3.  $16a^2 - 9b^2 + 4c^2 - 24ab + 12bc - 16ca$   
☒ 4.  $16a^2 + 9b^2 + 4c^2 - 24ab - 12bc - 16ca$

Question ID : 816161892

Status : Answered

Chosen Option : 1

Q.14 In the given figure  $\triangle ABC$ , if  $\theta = 80^\circ$ , the measure of each of the other two angles will be:



- Ans ☒ 1.  $80^\circ$   
☒ 2.  $50^\circ$   
☒ 3.  $60^\circ$   
☒ 4.  $40^\circ$

Question ID : 816161897

Status : Answered

Chosen Option : 2

Q.15 What is the smallest integer that is a multiple of 5, 8 and 15?

- Ans ☒ 1. 120  
☒ 2. 40  
☒ 3. 60  
☒ 4. 600

Question ID : 816161881

Status : Answered

Chosen Option : 1

**Q.16** X and Y are two stations which are 280 km apart. A train starts at a certain time from X and travels towards Y at 60 km/h. After 2 hours, another train starts from Y and travels towards X at 20 km/h. After how many hours does the train leaving from X meets the train which left from Y?

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

Question ID : 816161890

Status : Answered

Chosen Option : 3

**Q.17** The average age of A, B and C is 20 years, and that of B and C is 25 years. What is the age of A?

- Ans
- ☒ 1. 10 years
  - ☒ 2. 15 years
  - ☒ 3. 20 years
  - ☒ 4. 25 years

Question ID : 816161883

Status : Answered

Chosen Option : 1

**Q.18** What is the area of a sector of a circle of radius 14 cm and central angle  $45^\circ$ ?

$\left( \text{Take } \pi = \frac{22}{7} \right)$

- Ans
- ☒ 1.  $67 \text{ cm}^2$
  - ☒ 2.  $11 \text{ cm}^2$
  - ☒ 3.  $77 \text{ cm}^2$
  - ☒ 4.  $70 \text{ cm}^2$

Question ID : 816161895

Status : Answered

Chosen Option : 3

**Q.19** Seema flies a kite on a 16 m string at an inclination of  $60^\circ$ . What is the height (h) of the kite above the ground?

- Ans
- ☒ 1.  $16\sqrt{3} \text{ m}$
  - ☒ 2.  $8\sqrt{3} \text{ m}$
  - ☒ 3.  $4\sqrt{3} \text{ m}$
  - ☒ 4.  $6\sqrt{3} \text{ m}$

Question ID : 816161901

Status : Answered

Chosen Option : 3

Q.20 If  $3A = 4B = 5C$ , then  $A : B : C$  is equal to:

- Ans
- ☒ 1.  $10 : 7 : 6$
  - ☒ 2.  $20 : 15 : 12$
  - ☒ 3.  $20 : 15 : 16$
  - ☒ 4.  $10 : 5 : 4$

Question ID : 816161887

Status : Answered

Chosen Option : 2

Q.21  $(3a - 4b)^3$  is equal to:

- Ans
- ☒ 1.  $27a^3 - 64b^3$
  - ☒ 2.  $27a^3 - 64b^3 - 108a^2b + 144ab^2$
  - ☒ 3.  $9a^2 - 16b^2$
  - ☒ 4.  $9a^2 - 24ab + 16b^2$

Question ID : 816161893

Status : Answered

Chosen Option : 2

Q.22 The following table represents the number of candidates that appeared and qualified in a competitive examination from different states over five years. Study the table and answer the questions that follow.

State	Year									
	1997		1998		1999		2000		2001	
	Appeared	Qualified.	Appeared	Qualified.	Appeared	Qualified.	Appeared	Qualified.	Appeared	Qualified.
M	5200	720	8500	980	7400	850	6800	775	9500	1125
N	7500	840	9200	1050	8450	920	9200	980	8800	1020
P	6400	780	8800	1020	7800	890	8750	1010	9750	1250
Q	8100	950	9500	1240	8700	980	9700	1200	8950	995

The total number of candidates that qualified from all the states together in 1998 is approximately what percentage of the total number of candidates that qualified from all the states together in 2001? (Correct to Two decimal points)

- Ans
- ☒ 1. 96.70%
  - ☒ 2. 90.72%
  - ☒ 3. 94.7%
  - ☒ 4. 97.72%

Question ID : 816161904

Status : Answered

Chosen Option : 4



**Q.23** The simple interest on a sum of money for 3 years at an interest rate of 6% p.a. is ₹6,750. What will be the compound interest rounded off on the same sum at the same rate for the same period, compounded annually is closest to :

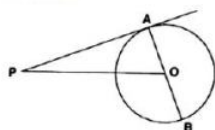
- Ans ☒ 1. ₹7,163  
☒ 2. ₹7,103  
☒ 3. ₹7,133  
☒ 4. ₹7,663

Question ID : 816161888

Status : Answered

Chosen Option : 3

**Q.24** In the figure, PA is a tangent from an external point P to the circle with centre O. If  $\angle POB = 110^\circ$ , then the measure of  $\angle APO$  is:



- Ans ☒ 1.  $40^\circ$   
☒ 2.  $30^\circ$   
☒ 3.  $25^\circ$   
☒ 4.  $20^\circ$

Question ID : 816161896

Status : Answered

Chosen Option : 4

**Q.25** The following table represents the number of candidates that appeared and qualified in a competitive examination from different states over five years. Study the table and answer the questions that follow.

State	Year									
	1997		1998		1999		2000		2001	
	Appeared	Qualified.	Appeared	Qualified.	Appeared	Qualified.	Appeared	Qualified.	Appeared	Qualified.
M	5200	720	8500	980	7400	850	6800	775	9500	1125
N	7500	840	9200	1050	8450	920	9200	980	8800	1020
P	6400	780	8800	1020	7800	890	8750	1010	9750	1250
Q	8100	950	9500	1240	8700	980	9700	1200	8950	995

What is the average number of candidates that appeared from State Q during the given years?

- Ans ☒ 1. 8990  
☒ 2. 9000  
☒ 3. 8980  
☒ 4. 8880

Question ID : 816161905

Status : Answered

Chosen Option : 1



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.

Our new office will become operational from a weeks time.

- Ans
- ☒ 1. for a weeks time
  - ☒ 2. by the week's time
  - ☒ 3. in a week's time
  - ☒ 4. No improvement

Question ID : 816161910

Status : Answered

Chosen Option : 3

Q.2 Select the correct passive form of the given sentence.

Fortunately, the fire did not cause much damage.

- Ans
- ☒ 1. Fortunately, not much damage was caused by the fire.
  - ☒ 2. Fortunately, not much damage was being caused by the fire.
  - ☒ 3. Fortunately, not much damage is caused by the fire.
  - ☒ 4. Fortunately, not much damage is being caused by the fire.

Question ID : 816161908

Status : Answered

Chosen Option : 1

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

Rahul said to his mother, "Can I go out and play now?"

- Ans
- ☒ 1. Rahul asked his mother if he could go out and play then.
  - ☒ 2. Rahul asked his mother that could he go out and play then.
  - ☒ 3. Rahul asked his mother if can he go out and play now.
  - ☒ 4. Rahul asked to his mother could he go out and play now.

Question ID : 816161909

Status : Answered

Chosen Option : 1

Q.4 Select the most appropriate meaning of the given idiom.

Kill two birds with one stone

- Ans
- ☒ 1. To plan two murders simultaneously
  - ☒ 2. To try something impossible
  - ☒ 3. To achieve two results with a single effort
  - ☒ 4. To be an expert shooter

Question ID : 816161925

Status : Answered

Chosen Option : 3

**Q.5** 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.

You will not learn cycling unless you don't try.

- Ans
- ☒ 1. until you don't try
  - ☒ 2. unless you didn't try
  - ☒ 3. unless you try
  - ☒ 4. until you are not trying

Question ID : **816161911**  
Status : **Answered**  
Chosen Option : **3**

**Q.6** Select the most appropriate synonym of the given word.

Solemn

- Ans
- ☒ 1. Ignorant
  - ☒ 2. Serious
  - ☒ 3. Ordinary
  - ☒ 4. Furious

Question ID : **816161920**  
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.

Tourism can cause social, cultural or environmental disruption. The greatest concern is (1)\_\_\_\_\_ damage to environment. In order to attract more tourists, (2)\_\_\_\_\_ resorts are built which take neither the local architecture (3)\_\_\_\_\_ the ecology into consideration. Natural systems get (4)\_\_\_\_\_ as a result of indiscriminate construction to provide water (5)\_\_\_\_\_ waste disposal facilities along with recreational arrangements to tourists.

**SubQuestion No : 7**

**Q.7** Select the most appropriate option to fill in blank number (1).

- Ans
- ☒ 1. one
  - ☒ 2. an
  - ☒ 3. the
  - ☒ 4. a

Question ID : **816161913**  
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.

Tourism can cause social, cultural or environmental disruption. The greatest concern is (1)\_\_\_\_\_ damage to environment. In order to attract more tourists, (2)\_\_\_\_\_ resorts are built which take neither the local architecture (3)\_\_\_\_\_ the ecology into consideration. Natural systems get (4)\_\_\_\_\_ as a result of indiscriminate construction to provide water (5)\_\_\_\_\_ waste disposal facilities along with recreational arrangements to tourists.

**SubQuestion No : 8**

**Q.8** Select the most appropriate option to fill in blank number (2).

- Ans  1. stretching  
 2. sprawling  
 3. spreading  
 4. scheming

Question ID : 816161914

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.

Tourism can cause social, cultural or environmental disruption. The greatest concern is (1)\_\_\_\_\_ damage to environment. In order to attract more tourists, (2)\_\_\_\_\_ resorts are built which take neither the local architecture (3)\_\_\_\_\_ the ecology into consideration. Natural systems get (4)\_\_\_\_\_ as a result of indiscriminate construction to provide water (5)\_\_\_\_\_ waste disposal facilities along with recreational arrangements to tourists.

**SubQuestion No : 9**

**Q.9** Select the most appropriate option to fill in blank number (3).

- Ans  1. no  
 2. or  
 3. none  
 4. nor

Question ID : 816161915

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.

Tourism can cause social, cultural or environmental disruption. The greatest concern is (1)\_\_\_\_\_ damage to environment. In order to attract more tourists, (2)\_\_\_\_\_ resorts are built which take neither the local architecture (3)\_\_\_\_\_ the ecology into consideration. Natural systems get (4)\_\_\_\_\_ as a result of indiscriminate construction to provide water (5)\_\_\_\_\_ waste disposal facilities along with recreational arrangements to tourists.

**SubQuestion No : 10**

**Q.10** Select the most appropriate option to fill in blank number (4).

- Ans
- ☒ 1. dismayed
  - ☒ 2. distracted
  - ☒ 3. displayed
  - ☒ 4. destroyed

Question ID : 816161916

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.

Tourism can cause social, cultural or environmental disruption. The greatest concern is (1)\_\_\_\_\_ damage to environment. In order to attract more tourists, (2)\_\_\_\_\_ resorts are built which take neither the local architecture (3)\_\_\_\_\_ the ecology into consideration. Natural systems get (4)\_\_\_\_\_ as a result of indiscriminate construction to provide water (5)\_\_\_\_\_ waste disposal facilities along with recreational arrangements to tourists.

**SubQuestion No : 11**

**Q.11** Select the most appropriate option to fill in blank number (5).

- Ans
- ☒ 1. but
  - ☒ 2. as
  - ☒ 3. also
  - ☒ 4. and

Question ID : 816161917

Status : Answered

Chosen Option : 4

**Q.12** Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. These baits were temptations that people couldn't resist.
- B. He evolved a theory that the world was a rat-trap.
- C. Once, a peddler sat looking at his rat-traps.
- D. Here, people lay baits for others.

- Ans
- ☒ 1. CBDA
  - ☒ 2. BDAC
  - ☒ 3. CADB
  - ☒ 4. DACB

Question ID : 816161918

Status : Answered

Chosen Option : 1

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

Central character in a story or play

- Ans
- ☒ 1. Cartoonist
  - ☒ 2. Hedonist
  - ☒ 3. Opportunist
  - ☒ 4. Protagonist

Question ID : 816161927

Status : Answered

Chosen Option : 2

Q.14 In the sentence identify the segment which contains the grammatical error.

Mohit did not went to school yesterday as he was unwell.

- Ans
- ☒ 1. went to school
  - ☒ 2. was unwell
  - ☒ 3. Mohit did not
  - ☒ 4. yesterday as he

Question ID : 816161906

Status : Not Answered

Chosen Option : --

Q.15 Select the most appropriate synonym of the given word.

Eradicate

- Ans
- ☒ 1. Uproot
  - ☒ 2. Approve
  - ☒ 3. Condense
  - ☒ 4. Magnify

Question ID : 816161921

Status : Answered

Chosen Option : 1

Q.16 Fill in the blank with the most appropriate word.

Your demands are bound to lead to \_\_\_\_ in the family.

- Ans
- ☒ 1. absence
  - ☒ 2. discord
  - ☒ 3. decrease
  - ☒ 4. barrier

Question ID : 816161930

Status : Answered

Chosen Option : 2

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

Persuade

- Ans
- ☒ 1. Impress
  - ☒ 2. Pervade
  - ☒ 3. Induce
  - ☒ 4. Dissuade

Question ID : 816161923  
Status : Answered  
Chosen Option : 2

Q.18 Select the word which means the same as the group of words given.

Person or animal living on another

- Ans
- ☒ 1. Parasite
  - ☒ 2. Pupil
  - ☒ 3. Successor
  - ☒ 4. Heir

Question ID : 816161926  
Status : Answered  
Chosen Option : 1

Q.19 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Furious
  - ☒ 2. Journy
  - ☒ 3. Delicious
  - ☒ 4. Failure

Question ID : 816161928  
Status : Answered  
Chosen Option : 2

Q.20 Fill in the blank with the most appropriate word.

Do you want to \_\_\_\_\_ to Reader's Digest magazine?

- Ans
- ☒ 1. prescribe
  - ☒ 2. subscribe
  - ☒ 3. describe
  - ☒ 4. transcribe

Question ID : 816161931  
Status : Answered  
Chosen Option : 2

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

Rear

- Ans ☒ 1. Front  
☒ 2. Lower  
☒ 3. Back  
☒ 4. Hind

Question ID : 816161922  
Status : Answered  
Chosen Option : 1

Q.22 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Potraite  
☒ 2. Pageant  
☒ 3. Pamphlet  
☒ 4. Persevere

Question ID : 816161929  
Status : Answered  
Chosen Option : 1

Q.23 In the sentence identify the segment which contains the grammatical error.

If a few drops of lemon are put in the milk, it has turned sour.

- Ans ☒ 1. drops of lemon  
☒ 2. If a few  
☒ 3. it has turned sour  
☒ 4. are put in the milk

Question ID : 816161907  
Status : Answered  
Chosen Option : 3

Q.24 Select the most appropriate meaning of the given idiom.

Make off with

- Ans ☒ 1. To understand  
☒ 2. To run away  
☒ 3. To transfer  
☒ 4. To discover

Question ID : 816161924  
Status : Not Answered  
Chosen Option : --

Q.25 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. Their prestige and glory spread far and wide.
- B. The first Olympics were held at Olympia in Greece in 776 B.C.
- C. It was because the Christians believed that they encouraged pagan worship in temples.
- D. However, with the advent of Christianity, the games lost their importance.

Ans  1. BADC

 2. BCDA

 3. ACDB

 4. DCAB

Question ID : 816161919

Status : Answered

Chosen Option : 1

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**Combined Graduate Level Examination-2019 (Tier-I)**

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Subject	CGLE Tier I

## Section : General Intelligence and Reasoning

**Q.1** Select the letter-cluster that can replace the question mark (?) in the following series.

NAVIGATE, PCVIGATE, NAXKGATE, ? , NAVIGAVG

- Ans  1. NAVIICTE  
 2. NAXKICTE  
 3. PCVIICUG  
 4. NAVIJCTF





Question ID : 816161940

Status : Answered

Chosen Option : 3

**Q.2** Which two signs should be interchanged to make the given equation correct?

$$14 \times 3 \div 27 + 54 - 9 = 21$$

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

Question ID : 816161948

Status : Answered

Chosen Option : 3

**Q.3** 'Photoshop' is related to 'Software' in the same way as 'Optical Mouse' is related to '\_\_\_\_\_ '.

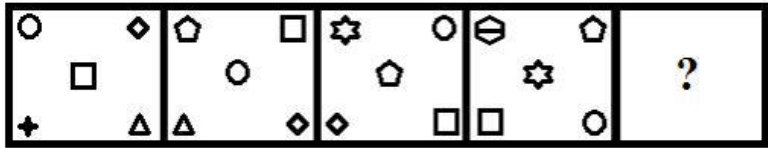
- Ans  1. Hardware  
 2. Touch-screen  
 3. Hard-disc  
 4. Malware

Question ID : 816161936

Status : Answered

Chosen Option : 1

Q.4 Select the figure that can replace the question mark (?) in the following series.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 816161950  
Status : Answered  
Chosen Option : 4

Q.5 Select the number that can replace the question mark (?) in the following series.

39, 50, 63, 80, ? , 122, 151, 182

Ans

- ☒ 1. 90
- ☒ 2. 108
- ☒ 3. 105
- ☒ 4. 99

Question ID : 816161943  
Status : Answered  
Chosen Option : 4

**Q.6** 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.

- Ans  1. 39 : 270  
 2. 31 : 214  
 3. 21 : 154  
 4. 37 : 256

Question ID : **816161945**  
Status : **Answered**  
Chosen Option : **4**





**Q.7** 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. No garden is a park.
- 2. Some gardens are schools.

**Conclusions:**

- I. No park is a garden.
- II. Some schools are gardens.
- III. Some parks are gardens.

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

Question ID : **816161942**  
Status : **Answered**  
Chosen Option : **4**

**Q.8** Study the given pattern carefully and select the number that can replace the question mark (?) in it.

15	18	?
8	9	12
161	243	432

- Ans  1. 26  
 2. 24  
 3. 20  
 4. 22

Question ID : **816161947**  
Status : **Answered**  
Chosen Option : **2**

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

- Ans
- ☒ 1. University : President
  - ☒ 2. Golden Temple : Amritsar
  - ☒ 3. Church : Prayer
  - ☒ 4. Garden : Plants

Question ID : 816161937  
Status : Answered  
Chosen Option : 4

Q.10 Select the letter will replace the question mark (?) in the following series.  
A, J, E, L, I, N, O, P, U, ?

- Ans
- ☒ 1. R
  - ☒ 2. W
  - ☒ 3. B
  - ☒ 4. K

Question ID : 816161932  
Status : Answered  
Chosen Option : 1

Q.11 A – B means ‘A is the sister of B’;  
A × B means ‘A is the husband of B’;  
A ÷ B means ‘A is the son of B’.  
If, Y × M – T – Z ÷ L × U, then how is U related to Y?

- Ans
- ☒ 1. Father-in-law
  - ☒ 2. Father
  - ☒ 3. Mother
  - ☒ 4. Mother-in-law

Question ID : 816161941  
Status : Not Answered  
Chosen Option : --

Q.12 What day of the week was 29 June 2010?

- Ans
- ☒ 1. Sunday
  - ☒ 2. Wednesday
  - ☒ 3. Monday
  - ☒ 4. Tuesday

Question ID : 816161949  
Status : Answered  
Chosen Option : 2

Q.13 Select the option that is related to the third number in the same way as the second number is related to the first number.





3 : 51 :: 7 : ?

- Ans
- ☒ 1. 609
  - ☒ 2. 319
  - ☒ 3. 679
  - ☒ 4. 335

Question ID : 816161944  
Status : Answered  
Chosen Option : 1

Q.14 Which of the following Venn diagrams best represents the relationship between the following classes?

Lady Constables, Uncles, Mothers

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

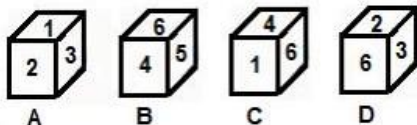
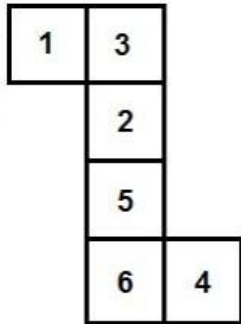
Question ID : 816161956  
Status : Answered  
Chosen Option : 3

Q.15 Four words have been given, out of which three are alike in some manner and one is different. Select the odd word.

- Ans ☒ 1. Diabetes  
☒ 2. Bone Marrow  
☒ 3. Asthma  
☒ 4. Cancer

Question ID : 816161935  
Status : Answered  
Chosen Option : 2

Q.16 Select the dice that can be formed by folding the given sheet along the lines.



- Ans ☒ 1. Only A and B  
☒ 2. Only A, B and C  
☒ 3. Only B and D  
☒ 4. Only A

Question ID : 816161952  
Status : Answered  
Chosen Option : 1

Q.17 Arrange the following words in a logical and meaningful order.

- 1. Casting
- 2. Acting
- 3. Film Shooting
- 4. Final Film
- 5. Editing

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

Question ID : 816161933  
Status : Answered  
Chosen Option : 3

Q.18 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. KN
  - ☒ 2. LO
  - ☒ 3. GT
  - ☒ 4. AZ

Question ID : 816161934  
Status : Answered  
Chosen Option : 1

Q.19 In a certain code language, 'SPECIAL' is coded as '20176410213'. How will 'MACHINE' be coded as in that language?

- Ans
- ☒ 1. 1424901056
  - ☒ 2. 1524910146
  - ☒ 3. 1324810155
  - ☒ 4. 1424910156

Question ID : 816161939  
Status : Answered  
Chosen Option : 4

Q.20 In a certain code language, 'FIXATION' is written as 'AXIFNOIT'. How will 'GLYCERIN' be written as in that language?

- Ans
- ☒ 1. LGZDGINR
  - ☒ 2. CYLGNIRE
  - ☒ 3. YLGECRNI
  - ☒ 4. NIRECYLG

Question ID : 816161938  
Status : Answered  
Chosen Option : 2



**Q.21** Select the option in which the numbers are related in the same way as are the numbers in the given set.

(22, 64, 352)

- Ans
- ☒ 1. (19, 52, 257)
  - ☒ 2. (24, 16, 108)
  - ☒ 3. (14, 68, 238)
  - ☒ 4. (27, 52, 453)

Question ID : 816161946  
Status : Answered  
Chosen Option : 4

**Q.22** Select the correct mirror image of the given letter-cluster when a vertical mirror is placed on the right side of the cluster.

E W G Z M P K

- Ans
- ☒ 1. K P M Z G W E
  - ☒ 2. K P M Z G W E
  - ☒ 3. K P M Z G W E
  - ☒ 4. K P M Z G W E

Question ID : 816161954  
Status : Answered  
Chosen Option : 1



Q.23 Select the option in which the given figure X is embedded (rotation is not allowed).

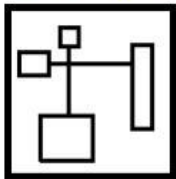
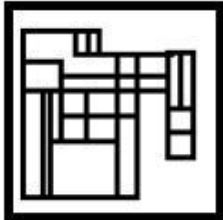


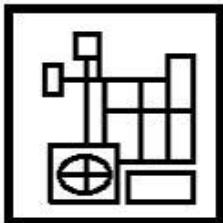
Figure X

Ans

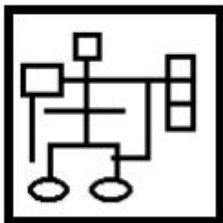
✗ 1.



✗ 2.



✗ 3.

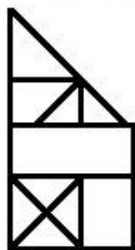


✓ 4.



Question ID : 816161953  
Status : Answered  
Chosen Option : 4

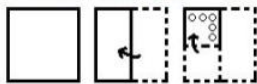
Q.24 How many triangles are there in the given figure?



- Ans
- ☒ 1. 15
  - ☒ 2. 14
  - ☒ 3. 12
  - ☒ 4. 13

Question ID : 816161951  
Status : Answered  
Chosen Option : 4

Q.25 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



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

Question ID : 816161955  
Status : Answered  
Chosen Option : 3

Section : General Awareness

Q.1 'Pedology' is the science of:

- Ans
- ☒ 1. ground water
  - ☒ 2. skin disease
  - ☒ 3. soil
  - ☒ 4. childhood illness

Question ID : 816161961

Status : Answered

Chosen Option : 4

Q.2 Who among the following is NOT a recipient of the 2019 Mother Teresa Memorial Awards for Social Justice?

- Ans
- ☒ 1. Medha Patkar
  - ☒ 2. Ajeet Singh
  - ☒ 3. Priti Patkar
  - ☒ 4. Kailash Satyarthi

Question ID : 816161974

Status : Answered

Chosen Option : 1

Q.3 What is the rank of India in the Human Development Index 2019?

- Ans
- ☒ 1. 89th
  - ☒ 2. 130th
  - ☒ 3. 129th
  - ☒ 4. 128th

Question ID : 816161959

Status : Answered

Chosen Option : 3

Q.4 In 2019, IIT-Madras launched the country's first indigenously designed standing wheelchair named as:

- Ans
- ☒ 1. Optimist
  - ☒ 2. Awake
  - ☒ 3. Arise
  - ☒ 4. Marathon

Question ID : 816161981

Status : Answered

Chosen Option : 2

Q.5 Who signed the treaty of Alinagar with the British?

- Ans ☒ 1. Mir Jafar  
☒ 2. Siraj-ud-Daula  
☒ 3. Mir Qasim  
☒ 4. Alivardi Khan

Question ID : 816161971  
Status : Answered  
Chosen Option : 4

Q.6 Which of the following rivers was known as Purushni in the Vedic period?

- Ans ☒ 1. Ravi  
☒ 2. Sutlej  
☒ 3. Beas  
☒ 4. Chenab

Question ID : 816161970  
Status : Not Answered  
Chosen Option : --

Q.7 Which tales are related with the painting and sculptures of the Ajanta caves?

- Ans ☒ 1. Panchatantra Tales  
☒ 2. Pentamerone Tales  
☒ 3. Jataka Tales  
☒ 4. Hitopadesha Tales

Question ID : 816161958  
Status : Answered  
Chosen Option : 1

Q.8 Which of the following events did NOT occur in 1919?

- Ans ☒ 1. Partition of Bengal took place  
☒ 2. Montague Chelmsford Reform was announced  
☒ 3. Rowlatt Act was passed  
☒ 4. Jallianwala Bagh tragedy took place

Question ID : 816161972  
Status : Answered  
Chosen Option : 1

Q.9 What does 'C' stand for in ITCZ?

- Ans
- ☐ 1. Circulation
  - ☒ 2. Convergence
  - ☐ 3. Constant
  - ☐ 4. Convection

Question ID : 816161968  
Status : Answered  
Chosen Option : 4

Q.10 How many molecules of ATP are obtained by the respiration of one molecule of glucose?

- Ans
- ☐ 1. 4
  - ☐ 2. 36
  - ☐ 3. 38
  - ☒ 4. 2

Question ID : 816161964  
Status : Answered  
Chosen Option : 1

Q.11 Who among the following is the Chief Minister of Mizoram as on November 2019?

- Ans
- ☐ 1. Conrad Kongkal Sangma
  - ☒ 2. PU Zoramthanga
  - ☐ 3. Neiphiu Rio
  - ☐ 4. Laldenga

Question ID : 816161975  
Status : Answered  
Chosen Option : 3

Q.12 The rating for a fuse used in a household electric circuit is provided on the basis of:

- Ans
- ☐ 1. resistance
  - ☒ 2. current
  - ☐ 3. power
  - ☐ 4. voltage

Question ID : 816161963  
Status : Answered  
Chosen Option : 1

Q.13 In which state is the festival of Uttarayan uniquely celebrated?

- Ans ☒ 1. Gujarat  
☐ 2. Kerala  
☐ 3. Uttar Pradesh  
☐ 4. Jharkhand

Question ID : 816161957  
Status : Answered  
Chosen Option : 3

Q.14 Which of the following is the lowermost layer of the Atmosphere?

- Ans ☒ 1. Troposphere  
☐ 2. Exosphere  
☐ 3. Thermosphere  
☐ 4. Mesosphere

Question ID : 816161967  
Status : Answered  
Chosen Option : 1

Q.15 Under which Amendment to the Constitution of India was Goods and Services Tax imposed?

- Ans ☐ 1. 97th  
☐ 2. 99th  
☐ 3. 103rd  
☒ 4. 101st





Question ID : 816161976  
Status : Answered  
Chosen Option : 3

Q.16 Which of the following ministries is NOT associated with the initiative of Beti Bachao, Beti Padhao Scheme?

- Ans ☐ 1. Ministry of Human Resource Development  
☒ 2. Ministry of Rural Development  
☐ 3. Ministry of Women and Child Development  
☐ 4. Ministry of Health and Family Welfare





Question ID : 816161960  
Status : Answered  
Chosen Option : 1

Q.17 Who among the following was the mascot of the Men's Hockey World Cup held at Bhubaneswar in 2018?

Ans  1. Borobi  
 2. Shera  
 3. Turtle Olly  
 4. Millie





Question ID : 816161978  
Status : Not Answered  
Chosen Option : --

Q.18 Who of the following authored the book 'Revolution 2020'?

Ans  1. Rupa Pai  
 2. Chetan Bhagat  
 3. Arvind Kejriwal  
 4. Devdutt Pattanaik

Question ID : 816161973  
Status : Answered  
Chosen Option : 2

Q.19 Constantan is an alloy of copper and \_\_\_\_.

Ans  1. iron  
 2. nickel  
 3. aluminium  
 4. tin

Question ID : 816161965  
Status : Answered  
Chosen Option : 4

Q.20 How many medals did India win in the 2012 Summer Olympics?

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

[www.exammix.com](http://www.exammix.com)

Question ID : 816161977  
Status : Answered  
Chosen Option : 2

Q.21 What is the rank of India in the Global Peace Index 2019?

- Ans
- ☐ 1. 144
  - ☒ 2. 141
  - ☐ 3. 143
  - ☐ 4. 142

Question ID : 816161979  
Status : Answered  
Chosen Option : 2

Q.22 Which among the following is a non-biodegradable waste?

- Ans
- ☐ 1. Vegetables
  - ☐ 2. Dead animals
  - ☒ 3. Plastic
  - ☐ 4. Flowers

Question ID : 816161962  
Status : Answered  
Chosen Option : 3

Q.23 Who among the following initiated 'Din-i-Ilahi'?

- Ans
- ☒ 1. Akbar
  - ☐ 2. Babur
  - ☐ 3. Jahangir
  - ☐ 4. Humayun

Question ID : 816161969  
Status : Answered  
Chosen Option : 1

Q.24 In July 2019, which of the following schemes was launched to accelerate water harvesting and conservation measures?

- Ans
- ☐ 1. Jal Vikas Abhiyan
  - ☐ 2. Jal Bachao Abhiyan
  - ☐ 3. Jal hi dhan hai Abhiyan
  - ☒ 4. Jal Shakti Abhiyan

Question ID : 816161980  
Status : Answered  
Chosen Option : 4



Q.25 Which of the following states does NOT share its boundary with Nepal?

- Ans
- ☒ 1. Bihar
  - ☒ 2. Uttar Pradesh
  - ☒ 3. West Bengal
  - ☒ 4. Assam

Question ID : 816161966  
Status : Answered  
Chosen Option : 2

Section : Quantitative Aptitude

Q.1 The average of 4 terms is 30 and the 1st term is  $\frac{1}{3}$  of the sum of the remaining terms. What is the first term?

- Ans
- ☒ 1. 30
  - ☒ 2. 60
  - ☒ 3. 40
  - ☒ 4. 20

Question ID : 816161984  
Status : Answered  
Chosen Option : 1

Q.2 Study the following table and answer the question.

Expenditures of a Company (in Lakh Rupees) per annum over the given Years

Year	Items of Expenditure for the company				
	Salary	Fuel and Transport	Bonus	Interest on Loans	Taxes
2014	284	98	3.00	23.4	74
2015	342	112	2.52	32.5	98
2016	314	101	3.84	41.4	83
2017	346	134	3.68	36.6	88
2018	425	141	3.96	49.4	108

Total expenditure on all the items in 2014 was approximately what percent of the total expenditure in 2018?

- Ans
- ☒ 1. 65.32%
  - ☒ 2. 60.32%
  - ☒ 3. 68.32%
  - ☒ 4. 66.32%

Question ID : 8161611006  
Status : Answered  
Chosen Option : 4

**Q.3** Amit travelled a distance of 50 km in 9 hours. He travelled partly on foot at 5 km/h and partly by bicycle at 10 km/h. The distance travelled on the bicycle is:

- Ans**
- ☒ 1. 10 km
  - ☐ 2. 13 km
  - ☐ 3. 11 km
  - ☐ 4. 12 km

Question ID : **816161991**  
Status : **Answered**  
Chosen Option : **1**

**Q.4** When 2 is subtracted from each of the given n numbers, then the sum of the numbers so obtained is 102. When 5 is subtracted from each of them, then the sum of the numbers so obtained is 12. What is the average of the given n numbers?

- Ans**
- ☐ 1. 6.2
  - ☐ 2. 5.8
  - ☒ 3. 5.4
  - ☐ 4. 6.6

Question ID : **816161988**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.5** Solve the following.

$$\frac{2\sin 22^\circ}{\cos 68^\circ} - \frac{2\cot 75^\circ}{5\tan 15^\circ} - \frac{8\tan 45^\circ \tan 20^\circ \tan 40^\circ \tan 50^\circ \tan 70^\circ}{5}$$

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

Question ID : **8161611001**  
Status : **Answered**  
Chosen Option : **3**

**Q.6** A man wanted to sell his bat at a discount of 8%. His brother who was a cricketer wanted to buy the bat, so the man sells it at a discount of 10%. In this deal, the man reduces ₹70 in profit. What was the market value of the bat?

- Ans**
- ☐ 1. ₹2,500
  - ☐ 2. ₹3,200
  - ☒ 3. ₹3,500
  - ☐ 4. ₹3,000

Question ID : **816161985**  
Status : **Answered**  
Chosen Option : **3**

Q.7 If 5 divided the integer n, the remainder is 2. What will be the remainder if 7n is divided by 5?

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

Question ID : 816161982

Status : Answered

Chosen Option : 4

Q.8 A, B and C can individually complete a task in 24 days, 16 days and 32 days respectively. If A and C start the work and worked for 6 days and left, then the number of days required by B to complete the remaining task, is:

- Ans
- ☒ 1.  $12\frac{1}{2}$
  - ☒ 2. 9
  - ☒ 3.  $17\frac{1}{2}$
  - ☒ 4.  $7\frac{1}{2}$

Question ID : 816161990

Status : Answered

Chosen Option : 2

Q.9 Solve the following expression.

$$11 + 11 \times 11 - 11 \div 11$$

- Ans
- ☒ 1. 131
  - ☒ 2. 11
  - ☒ 3. 121
  - ☒ 4. 22

Question ID : 816161983

Status : Answered

Chosen Option : 1

**Q.10** If  $x, y, z$  are three numbers such that  $x + y = 13$ ,  $y + z = 15$  and  $z + x = 16$ , then the value of  $\frac{xy+xz}{xyz}$  is:

- Ans
- ☒ 1.  $\frac{5}{18}$
  - ☐ 2.  $\frac{36}{5}$
  - ☐ 3.  $\frac{5}{36}$
  - ☐ 4.  $\frac{18}{5}$

Question ID : 816161993

Status : Answered

Chosen Option : 1

**Q.11** If  $a = 2b = 8c$  and  $a + b + c = 13$  then the value of  $\frac{\sqrt{a^2+b^2+c^2}}{2c}$  is:

- Ans
- ☐ 1.  $-\frac{5}{6}$
  - ☐ 2.  $\frac{5}{6}$
  - ☐ 3.  $-\frac{9}{2}$
  - ☒ 4.  $\frac{9}{2}$

Question ID : 816161994

Status : Answered

Chosen Option : 4

**Q.12** The following table shows the production of fertilizers (in lakh tonne) by six companies for 5 months (January to May).

Months	Companies					
	I	II	III	IV	V	VI
January	327	180	185	137	145	120
February	326	179	187	162	146	122
March	320	160	188	173	135	130
April	318	167	177	180	140	130
May	310	150	169	178	140	128

In which month does Company II have a contribution of approximately 20% in the total fertilizer production?

- Ans
- ☒ 1. April
  - ☐ 2. May
  - ☐ 3. January
  - ☐ 4. March

Question ID : 8161611003

Status : Not Answered

Chosen Option : --

**Q.13** In a circle, chords PQ and TS are produced to meet at R. If RQ = 14.4 cm, PQ = 11.2 cm, and SR = 12.8 cm, then the length of chord TS is:

- Ans
- ☒ 1. 18 cm
  - ☒ 2. 14.2 cm
  - ☒ 3. 12.4 cm
  - ☒ 4. 16 cm

Question ID : **816161999**  
Status : **Answered**  
Chosen Option : **4**

**Q.14** The following table shows the production of fertilizers (in lakh tonne) by six companies for 5 months (January to May).

Months	Companies					
	I	II	III	IV	V	VI
January	327	180	185	137	145	120
February	326	179	187	162	146	122
March	320	160	188	173	135	130
April	318	167	177	180	140	130
May	310	150	169	178	140	128

There a continuous decrease in production over the months in:

- Ans
- ☒ 1. Company IV
  - ☒ 2. Company II
  - ☒ 3. Company I
  - ☒ 4. Company III

Question ID : **8161611004**  
Status : **Answered**  
Chosen Option : **3**

**Q.15** A wheel covers a distance of 1,100 cm in one round. The diameter of the wheel is:

- Ans
- ☒ 1. 100 cm
  - ☒ 2. 150 cm
  - ☒ 3. 175 cm
  - ☒ 4. 125 cm

Question ID : **816161997**  
Status : **Answered**  
Chosen Option : **3**

**Q.16** The following table shows the imports and exports (in ₹ crore) of a country over 4 years (2016 to 2019).

Years	2016	2017	2018	2019
Imports	125	145	165	188
Exports	130	150	175	200

The average trade balance (in ₹ crores) is:

- Ans**
- ☒ 1. 6
  - ☒ 2. 12
  - ☒ 3. 8
  - ☒ 4. 4

Question ID : 8161611005  
Status : Answered  
Chosen Option : 3

**Q.17** A shopkeeper buys two books for ₹300. He sells the first book at a profit of 20% and the second book at a loss of 10%. What is the selling price of the first book, if, in the whole transaction there is no profit no loss?

- Ans**
- ☒ 1. ₹110
  - ☒ 2. ₹125
  - ☒ 3. ₹115
  - ☒ 4. ₹120

Question ID : 816161987  
Status : Answered  
Chosen Option : 4

**Q.18** A certain sum amounts to ₹280900 in 2 years at 6% per annum, interest compounded annually. The sum is :

- Ans**
- ☒ 1. ₹200000
  - ☒ 2. ₹250000
  - ☒ 3. ₹550000
  - ☒ 4. ₹350000

Question ID : 816161989  
Status : Answered  
Chosen Option : 2

Q.19 If  $5 \cot \theta = 3$ , find the value of  $\frac{6 \sin \theta - 3 \cos \theta}{7 \sin \theta + 3 \cos \theta}$ .

- Ans
- ☒ 1.  $\frac{44}{21}$
  - ☒ 2.  $\frac{20}{41}$
  - ☒ 3.  $\frac{21}{44}$
  - ☒ 4.  $\frac{11}{40}$

Question ID : 8161611002  
Status : Answered  
Chosen Option : 3

Q.20 The volumes of spheres A and B are in the ratio 125 : 64. If the sum of radii of A and B is 36 cm, then the surface area (in  $\text{cm}^2$ ) of A is:

- Ans
- ☒ 1.  $512 \pi$
  - ☒ 2.  $800 \pi$
  - ☒ 3.  $1600 \pi$
  - ☒ 4.  $1024 \pi$

Question ID : 816161996  
Status : Answered  
Chosen Option : 3

Q.21 Find the height of a cuboid whose volume is  $330 \text{ cm}^3$  and base area is  $15 \text{ cm}^2$ .

- Ans
- ☒ 1. 24 cm
  - ☒ 2. 19 cm
  - ☒ 3. 21 cm
  - ☒ 4. 22 cm

Question ID : 816161992  
Status : Answered  
Chosen Option : 4

Q.22 Arrange the angles of the triangle from smallest to largest in the triangle, where the sides are AB=7 cm, AC=8 cm, BC=9 cm.

- Ans ☒ 1. C,B,A  
☒ 2. B,A,C  
☒ 3. A,B,C  
☒ 4. C,B,D

Question ID : 816161998  
 Status : Answered  
 Chosen Option : 1

Q.23 If  $a^2 + b^2 - c^2 = 0$ , then the value of  $\frac{2(a^6 + b^6 - c^6)}{3a^2 b^2 c^2}$  is:

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

Question ID : 816161995  
 Status : Answered  
 Chosen Option : 2

Q.24 The value of  $(\operatorname{cosec} A + \cot A + 1)(\operatorname{cosec} A - \cot A + 1) - 2\operatorname{cosec} A$  is:

- Ans ☒ 1.  $2\operatorname{cosec} A$   
☒ 2. 0  
☒ 3. 2  
☒ 4.  $4\operatorname{cosec} A$

Question ID : 8161611000  
 Status : Answered  
 Chosen Option : 3

Q.25 A train X travelling at 60 km/h overtakes another train Y, 225 m long, and completely passes it in 72 seconds. If the trains had been going in opposite directions, they would have passed each other in 18 seconds. The length (in m) of X and the speed (in km/h) of Y are, respectively:

- Ans ☒ 1. 245 and 54  
☒ 2. 245 and 45  
☒ 3. 255 and 36  
☒ 4. 255 and 40

Question ID : 816161986  
 Status : Answered  
 Chosen Option : 3

Section : English Comprehension



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

Abort

- Ans
- ☒ 1. Hate
  - ☒ 2. Continue
  - ☒ 3. Begin
  - ☒ 4. End

Question ID : 8161611022  
Status : Answered  
Chosen Option : 3

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

Having something more than required

- Ans
- ☒ 1. Surcharge
  - ☒ 2. Surroundings
  - ☒ 3. Surrogate
  - ☒ 4. Surplus

Question ID : 8161611027  
Status : Answered  
Chosen Option : 4

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

“What are you going to call the puppy, Jane?” the boy asked.

- Ans
- ☒ 1. Jane asked the boy what is he going to call the puppy.
  - ☒ 2. The boy wondered what Jane were going to call the puppy.
  - ☒ 3. The boy told Jane what she was going to call her puppy.
  - ☒ 4. The boy asked Jane what she was going to call the puppy.

Question ID : 8161611010  
Status : Answered  
Chosen Option : 4

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

- A. They also visit ailing friends and relatives, or attend to personal matters even during office hours.
- B. Once in office, they receive friends and relatives who call them any time without prior appointment.
- C. We can frequently find a large number of people sitting here and there and doing nothing.
- D. Even those who are employed often come late to office and leave early unless they are forced to be punctual.

- Ans
- ☒ 1. ACDB
  - ☒ 2. DCAB
  - ☒ 3. ABCD
  - ☒ 4. CDBA

Question ID : 8161611020

Status : Answered

Chosen Option : 4

Q.5 In the sentence identify the segment which contains the grammatical error.

We must get this post send as soon as possible.

- Ans
- ☒ 1. send as
  - ☒ 2. We must get
  - ☒ 3. soon as possible
  - ☒ 4. this post

Question ID : 8161611008

Status : Answered

Chosen Option : 1

Q.6 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.

I was sitting at home doing nothing when I had heard that song again.

- Ans
- ☒ 1. heard
  - ☒ 2. No improvement
  - ☒ 3. hears
  - ☒ 4. has heard

Question ID : 8161611011

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.

In a way, adult education is an educational movement through the medium (1)\_\_\_\_\_ village schools. In the beginning, the (2)\_\_\_\_\_ were suspicious. It was hard to persuade (3)\_\_\_\_\_ to realise that they were really getting something (4)\_\_\_\_\_ the schools. They were not at all sure that they wanted their (5)\_\_\_\_\_ to leave their homes.

**SubQuestion No : 7**

**Q.7** Select the most appropriate option for the blank numbered 1.

- Ans
- ☒ 1. from
  - ☒ 2. by
  - ☒ 3. of
  - ☒ 4. in

Question ID : 8161611014  
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.

In a way, adult education is an educational movement through the medium (1)\_\_\_\_\_ village schools. In the beginning, the (2)\_\_\_\_\_ were suspicious. It was hard to persuade (3)\_\_\_\_\_ to realise that they were really getting something (4)\_\_\_\_\_ the schools. They were not at all sure that they wanted their (5)\_\_\_\_\_ to leave their homes.

**SubQuestion No : 8**

**Q.8** Select the most appropriate option for the blank numbered 2.

- Ans
- ☒ 1. officers
  - ☒ 2. children
  - ☒ 3. villagers
  - ☒ 4. politicians

Question ID : 8161611015  
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.

In a way, adult education is an educational movement through the medium (1)\_\_\_\_\_ village schools. In the beginning, the (2)\_\_\_\_\_ were suspicious. It was hard to persuade (3)\_\_\_\_\_ to realise that they were really getting something (4)\_\_\_\_\_ the schools. They were not at all sure that they wanted their (5)\_\_\_\_\_ to leave their homes.

**SubQuestion No : 9**

**Q.9** Select the most appropriate option for the blank numbered 3.

- Ans ☒ 1. they  
☒ 2. him  
☒ 3. us  
☒ 4. them

Question ID : 8161611016

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.

In a way, adult education is an educational movement through the medium (1)\_\_\_\_\_ village schools. In the beginning, the (2)\_\_\_\_\_ were suspicious. It was hard to persuade (3)\_\_\_\_\_ to realise that they were really getting something (4)\_\_\_\_\_ the schools. They were not at all sure that they wanted their (5)\_\_\_\_\_ to leave their homes.

**SubQuestion No : 10**

**Q.10** Select the most appropriate option for the blank numbered 4.

- Ans ☒ 1. to  
☒ 2. for  
☒ 3. by  
☒ 4. from

Question ID : 8161611017

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.

In a way, adult education is an educational movement through the medium (1)\_\_\_\_\_ village schools. In the beginning, the (2)\_\_\_\_\_ were suspicious. It was hard to persuade (3)\_\_\_\_\_ to realise that they were really getting something (4)\_\_\_\_\_ the schools. They were not at all sure that they wanted their (5)\_\_\_\_\_ to leave their homes.

**SubQuestion No : 11**

**Q.11 Select the most appropriate option for the blank numbered 5.**

- Ans
- ☒ 1. parents
  - ☒ 2. teachers
  - ☒ 3. villagers
  - ☒ 4. children

Question ID : 8161611018

Status : Answered

Chosen Option : 1

**Q.12 Select the correct passive form of the given sentence.**

**The commander ordered his soldiers to move forward and attack the enemy camps.**

- Ans
- ☒ 1. His soldiers were ordered by the commander to be moved forward and attacked the enemy camps.
  - ☒ 2. The commander was ordered by his soldiers to move forward and attack the enemy camps.
  - ☒ 3. The soldiers were ordered by their commander to move forward and attack the enemy camps.
  - ☒ 4. The commander ordered his soldiers to be moved forward and attacked the enemy camps.

Question ID : 8161611009

Status : Answered

Chosen Option : 3

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

**Sita has no taste in classical dance.**

- Ans
- ☒ 1. in
  - ☒ 2. no taste
  - ☒ 3. Sita has
  - ☒ 4. classical dance

Question ID : 8161611007

Status : Answered

Chosen Option : 1

Q.14 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. Accommodation and food were given free.
- B. This was held in a hostel for poor students built by a philanthropist.
- C. A few years ago, I was the chief guest at a small function.
- D. But the inmates of the hostel had to bear other expenses like clothing and toiletries.

- Ans ☒ 1. CBAD
- ☒ 2. BCAD
- ☒ 3. ABCD
- ☒ 4. BCDA

Question ID : 8161611019  
Status : Answered  
Chosen Option : 1

Q.15 Select the most appropriate ANTONYM of the given word.

Mellow

- Ans ☒ 1. Medium
- ☒ 2. Shiny
- ☒ 3. Hard
- ☒ 4. Soft

Question ID : 8161611024  
Status : Answered  
Chosen Option : 3

Q.16 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Athelete
- ☒ 2. Convenience
- ☒ 3. Guarantee
- ☒ 4. Dilemma

Question ID : 8161611030  
Status : Answered  
Chosen Option : 1

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

Exceed

- Ans ☒ 1. Surpass
- ☒ 2. Decrease
- ☒ 3. Improve
- ☒ 4. Decline

Question ID : 8161611021  
Status : Answered  
Chosen Option : 1

Q.18 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.

One evening, when father was coming home from work, I played in the front garden.

- Ans
- ☒ 1. play
  - ☒ 2. am playing
  - ☒ 3. No improvement
  - ☒ 4. was playing

Question ID : 8161611012  
Status : Answered  
Chosen Option : 4

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

Blind alley

- Ans
- ☒ 1. A state of deep thought
  - ☒ 2. A person who comes to meet occasionally
  - ☒ 3. A situation in which no further progress can be made
  - ☒ 4. Taking first step after somebody's approach

Question ID : 8161611025  
Status : Answered  
Chosen Option : 3

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

Emerge

- Ans
- ☒ 1. Announce
  - ☒ 2. Appear
  - ☒ 3. Surface
  - ☒ 4. Disappear

Question ID : 8161611023  
Status : Answered  
Chosen Option : 4

Q.21 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Shining
  - ☒ 2. Beginning
  - ☒ 3. Guidance
  - ☒ 4. Soldier

Question ID : 8161611029  
Status : Answered  
Chosen Option : 3

Q.22 Select the most appropriate option to fill in the blank.

Suzerainty is having political control over a \_\_\_\_ state.

- Ans ☒ 1. dependent  
☐ 2. democratic  
☐ 3. unified  
☐ 4. backward

Question ID : 8161611031  
Status : Answered  
Chosen Option : 2

Q.23 Select the most appropriate meaning of the following idiom.

The acid test

- Ans ☐ 1. A critical situation or crisis  
☐ 2. An unpleasant or offensive test  
☒ 3. A fact, event or situation that proves something  
☐ 4. Throwing acid on someone's face

Question ID : 8161611026  
Status : Answered  
Chosen Option : 1

Q.24 Select the word which means the same as the group of words given.

Anger about an unfair situation or about someone's unfair behaviour

- Ans ☐ 1. Induction  
☐ 2. Indigenisation  
☐ 3. Indulgence  
☒ 4. Indignation

Question ID : 8161611028  
Status : Answered  
Chosen Option : 4

Q.25 Select the most appropriate option to fill in the blank.

My cousin's study on the reading habits of school children across three states has been recognised as a \_\_\_\_ piece of research.

- Ans ☐ 1. negligent  
☐ 2. proud  
☒ 3. pioneering  
☐ 4. useless

Question ID : 8161611032  
Status : Answered  
Chosen Option : 3



## Combined Graduate Level Examination-2019 (Tier-I)

Roll Number	www.exammix.com
Candidate Name	www.exammix.com
Venue Name	
Exam Date	09/03/2020
Exam Time	4:00 PM - 5:00 PM
Subject	CGLE Tier I

### Section : General Intelligence and Reasoning

**Q.1** 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. DPG
  - ☒ 2. CIF
  - ☒ 3. BFF
  - ☒ 4. EYH

Question ID : 8161611046

Status : Answered

Chosen Option : 3

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

C, E, H, J, M, O, R, ?

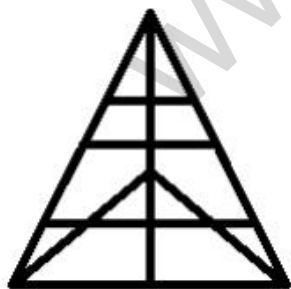
- Ans
- ☒ 1. D
  - ☒ 2. T
  - ☒ 3. S
  - ☒ 4. W

Question ID : 8161611044

Status : Answered

Chosen Option : 2

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



- Ans
- ☒ 1. 22
  - ☒ 2. 24
  - ☒ 3. 20
  - ☒ 4. 23

Question ID : 8161611063

Status : Answered

Chosen Option : 1

**Q.4** If 'A' stands for 'subtraction', 'B' stands for 'multiplication', 'C' stands for 'addition', and D stands for 'division', then what is the value of the following expression?

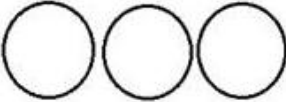
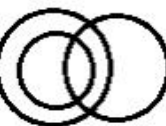

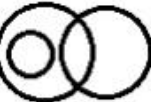
43 C 29 B 3 A 14 B (5 C 4) C 11 C (14 A 3) A 64 D 8 B 2

- Ans**
- ☒ 1. 83
  - ☒ 2. 27
  - ☒ 3. 110
  - ☒ 4. 10

Question ID : 8161611060  
Status : Answered  
Chosen Option : 4

**Q.5** Which of the following Venn diagrams best represents the relationship between the following classes?

Utensils, Spoons, Steel items

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

Question ID : 8161611068  
Status : Answered  
Chosen Option : 2

**Q.6** Study the given pattern carefully and select the number that can replace the question mark (?) in it.

11	13	17
33	35	39
189	191	?

- Ans**
- ☒ 1. 217
  - ☒ 2. 203
  - ☒ 3. 199
  - ☒ 4. 195

Question ID : 8161611059  
Status : Answered  
Chosen Option : 4

Q.7 Arrange the following words in a logical and meaningful order.

1. Nose
2. Forehead
3. Chin
4. Waist
5. Chest

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

Question ID : 8161611045  
Status : Answered  
Chosen Option : 1

Q.8 Select the letter-cluster that can replace the question mark (?) in the following series.

PROGRESS, QTOGRESS, QTRKRESS, ?, QTRKWKZA

Ans ☒ 1. QTRKWKTY  
☒ 2. PRRKWKSS  
☒ 3. QTRKWKSS  
☒ 4. QTRKVMSS

Question ID : 8161611052  
Status : Answered  
Chosen Option : 3

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

Arteries : Circulatory System

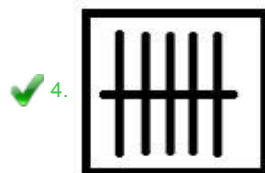
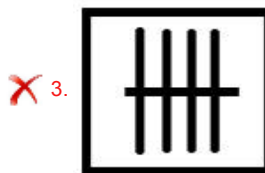
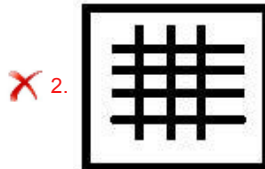
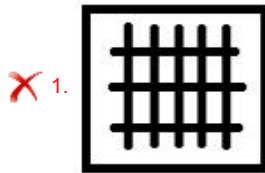
Ans ☒ 1. Nerves : Nervous System  
☒ 2. Lungs : Olfactory system  
☒ 3. Eyes : Endocrine System  
☒ 4. Kidney : Respiratory System

Question ID : 8161611049  
Status : Answered  
Chosen Option : 1

Q.10 Select the figure that can replace the question mark (?) in the following series.



Ans



Question ID : 8161611062  
Status : Answered  
Chosen Option : 4

Q.11 What day of the week was 5 February 2008?

Ans

✗ 1. Thursday

✗ 2. Monday

✓ 3. Tuesday

✗ 4. Wednesday

Question ID : 8161611061  
Status : Answered  
Chosen Option : 1

Q.12 In a certain code language, 'FOX' is coded as '108' and 'SOUP' is coded as '148'. How will 'UPSIDE' be coded as in that language?

Ans

✓ 1. 528

✗ 2. 590

✗ 3. 385

✗ 4. 494

Question ID : 8161611051  
Status : Not Answered  
Chosen Option : --

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

(14, 17, 961)

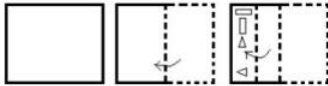
- Ans
- ☒ 1. (11, 12, 729)
  - ☒ 2. (12, 18, 851)
  - ☒ 3. (13, 19, 1024)
  - ☒ 4. (15, 14, 743)

Question ID : 8161611058

Status : Answered

Chosen Option : 3

Q.14 A piece of paper is folded and cut as shown below in the question figures. Select from the given answer figures, how it will appear when unfolded.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 8161611067

Status : Answered

Chosen Option : 2

Q.15 'Family' is related to 'Upbringing' in the same way as 'School' is related to '\_\_\_\_\_'.  
Ans

- ☒ 1. Children
- ☒ 2. Education
- ☒ 3. Parents
- ☒ 4. Curriculum

Question ID : 8161611048

Status : Answered

Chosen Option : 2

**Q.16** Select the option that is related to the third number in the same way as the second number is related to the first number.

23 : 527 :: 19 : ?

- Ans**
- ☒ 1. 363
  - ☒ 2. 402
  - ☒ 3. 359
  - ☒ 4. 325

Question ID : **8161611056**  
Status : **Answered**  
Chosen Option : **3**

**Q.17** 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. 76 : 42
  - ☒ 2. 44 : 16
  - ☒ 3. 55 : 25
  - ☒ 4. 28 : 56

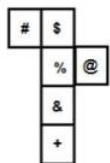
Question ID : **8161611057**  
Status : **Answered**  
Chosen Option : **4**

**Q.18** Four words have been given, out of which three are alike in some manner and one is different. Select the odd word.

- Ans**
- ☒ 1. Russia
  - ☒ 2. Africa
  - ☒ 3. Asia
  - ☒ 4. Europe

Question ID : **8161611047**  
Status : **Answered**  
Chosen Option : **1**

**Q.19** A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of symbols will be on opposite sides?



- Ans**
- ☒ 1. @ and %
  - ☒ 2. \$ and +
  - ☒ 3. & and %
  - ☒ 4. # and @

Question ID : **8161611064**  
Status : **Answered**  
Chosen Option : **4**

Q.20 Select the option in which the given figure X is embedded (rotation is not allowed).



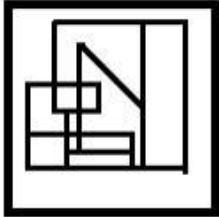
Figure X

Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 8161611065

Status : Answered

Chosen Option : 1

Q.21 Select the correct mirror image of the given alphanumeric-cluster when a mirror is placed on the right side of the cluster.

5 G 7 N P Q 4

Ans

✗ 1.

2 G 7 N P Q 4

✗ 2.

4 Q P N 7 G 5

✗ 3.

4 Q P N 7 G 5

✓ 4.

4 Q P N 7 G 5

Question ID : 8161611066

Status : Answered

Chosen Option : 4



**Q.22** Pointing to the photograph of a girl Akanksha, Rajeev said, "Her daughter's father's wife's mother is my wife's daughter's mother's mother-in-law". How is Rajeev related to Akanksha?

- Ans**
- ☒ 1. Paternal uncle
  - ☒ 2. Brother
  - ☒ 3. Father
  - ☒ 4. Maternal uncle

Question ID : **8161611053**  
Status : **Answered**  
Chosen Option : **2**

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

45, 63, 101, 160, 241, ?

- Ans**
- ☒ 1. 368
  - ☒ 2. 345
  - ☒ 3. 305
  - ☒ 4. 319

Question ID : **8161611055**  
Status : **Answered**  
Chosen Option : **2**

**Q.24** In a certain code language, 'TAPE' is written as 'SUZBOQDF'. How will 'MOCK' be written as in that language?

- Ans**
- ☒ 1. MOPQDELM
  - ☒ 2. LNNPBDJL
  - ☒ 3. LOPQBCKL
  - ☒ 4. KNNPBEBL

Question ID : **8161611050**  
Status : **Answered**  
Chosen Option : **2**

**Q.25** 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(s) follow from the statements.

**Statements:**

- 1. Some bottles are glasses.
- 2. Some glasses are bowls.

**Conclusions:**

- I. Some bowls are bottles.
- II. Some glasses are bottles.
- III. No bowl is a bottle.

- Ans**
- ☒ 1. All conclusions I, II and III follow.
  - ☒ 2. Either conclusion II or III follows.
  - ☒ 3. Only conclusions II and III follow.
  - ☒ 4. Only conclusion II and either conclusion I or III follow.

Question ID : **8161611054**  
Status : **Answered**  
Chosen Option : **4**

Section : **General Awareness**



Q.1 The Kyaik Htee Yoe pagoda is located in:

- Ans
- ☒ 1. Nepal
  - ☒ 2. Myanmar
  - ☒ 3. Bhutan
  - ☒ 4. Sri Lanka

Question ID : 8161611080  
Status : Answered  
Chosen Option : 3

Q.2 Which of the following is the only correct pair as described by Chola inscriptions?

- Ans
- ☒ 1. Pallichchhandam – land donated to Jaina institutions
  - ☒ 2. Shalabhoga – land gifted to Brahmanas
  - ☒ 3. Vellanvagai – land of Brahmana peasant proprietors
  - ☒ 4. Brahmadeya – land gifted to temples

Question ID : 8161611082  
Status : Answered  
Chosen Option : 3

Q.3 Which of the following was NOT a type of sacrifice performed by kings in ancient India to establish their position?

- Ans
- ☒ 1. Vajapeya
  - ☒ 2. Rajasuya
  - ☒ 3. Ashvamedha
  - ☒ 4. Muvendavelan

Question ID : 8161611083  
Status : Answered  
Chosen Option : 4

Q.4 Which of the following monuments bears a similarity to the French war memorial, the Arc-de-Triomphe?

- Ans
- ☒ 1. India Gate
  - ☒ 2. Gateway of India
  - ☒ 3. Victoria Memorial
  - ☒ 4. Charminar

Question ID : 8161611081  
Status : Answered  
Chosen Option : 4

Q.5 \_\_\_\_\_ was the first host country of the FIFA (Federation Internationale de Football Association) World Cup.

- Ans
- ☒ 1. Italy
  - ☒ 2. Uruguay
  - ☒ 3. Brazil
  - ☒ 4. France

Question ID : 8161611089  
Status : Answered  
Chosen Option : 2

Q.6 Which of the following is an inert gas most commonly found in light bulbs?

- Ans ☒ 1. Argon  
☒ 2. Hydrogen  
☒ 3. Oxygen  
☒ 4. Radon

Question ID : 8161611076  
Status : Answered  
Chosen Option : 1

Q.7 \_\_\_\_\_ was executed at Lahore in November 1915 for his role in the Ghadar Conspiracy in February 1915.

- Ans ☒ 1. Kartar Singh Sarabha  
☒ 2. Tania Mama  
☒ 3. Maganbhai Patel  
☒ 4. Vijay Singh Pathik

Question ID : 8161611084  
Status : Answered  
Chosen Option : 4

Q.8 The amalgamation of Vijaya Bank and Dena Bank with Bank of Baroda (BoB) came into effect from:

- Ans ☒ 1. 1 June 2019  
☒ 2. 1 January 2019  
☒ 3. 1 April 2019  
☒ 4. 1 April 2018

Question ID : 8161611071  
Status : Answered  
Chosen Option : 2

Q.9 Which of the following books is NOT authored by RK Narayan?

- Ans ☒ 1. Malgudi Days  
☒ 2. The Guide  
☒ 3. Swami and Friends  
☒ 4. The Jungle Book

Question ID : 8161611085  
Status : Answered  
Chosen Option : 4

Q.10 As of January 2020, \_\_\_\_\_ has the maximum number of seats in the Rajya Sabha.

- Ans ☒ 1. Tamil Nadu  
☒ 2. Karnataka  
☒ 3. Uttar Pradesh  
☒ 4. Maharashtra

Question ID : 8161611088  
Status : Answered  
Chosen Option : 3

Q.11 Christiaan Barnard is famous for:

- Ans
- ☒ 1. first publishing tables of logarithms
  - ☒ 2. performing the world's first human heart transplant
  - ☒ 3. delivering the world's first test-tube baby
  - ☒ 4. cloning the first mammal ever

Question ID : 8161611077  
Status : Answered  
Chosen Option : 2

Q.12 Name the state capital located 530 metres above sea level between 93 East longitude and 27 North latitude.

- Ans
- ☒ 1. Dispur
  - ☒ 2. Itanagar
  - ☒ 3. Patna
  - ☒ 4. Hyderabad

Question ID : 8161611079  
Status : Answered  
Chosen Option : 2

Q.13 The first Wimbledon Championship was held in:

- Ans
- ☒ 1. 1896
  - ☒ 2. 1877
  - ☒ 3. 1884
  - ☒ 4. 1863

Question ID : 8161611090  
Status : Answered  
Chosen Option : 1

Q.14 Kandhamal Haldi, a variety of turmeric indigenous to \_\_\_\_\_, earned the Geographical Indication (GI) tag from Intellectual Property (India) in April, 2019.

- Ans
- ☒ 1. Odisha
  - ☒ 2. Meghalaya
  - ☒ 3. Assam
  - ☒ 4. Nagaland

Question ID : 8161611070  
Status : Answered  
Chosen Option : 1

Q.15 In January 2020, China tested the world's first high-speed driverless bullet train between Beijing and:

- Ans
- ☒ 1. Lhasa
  - ☒ 2. Shanghai
  - ☒ 3. Zhangjiakou
  - ☒ 4. Haikou

Question ID : 8161611093  
Status : Answered  
Chosen Option : 2

Q.16 The Government of India launched the \_\_\_\_\_ Initiative on 16 January 2016, with the objective of supporting entrepreneurs, building a robust start-up ecosystem and transforming India into a country of job creators instead of job seekers.

- Ans
- ☒ 1. Skill India
  - ☒ 2. Empower India
  - ☒ 3. Start-up India
  - ☒ 4. Digital India

Question ID : 8161611072  
Status : Answered  
Chosen Option : 3

Q.17 Snails belong to Phylum:

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

Question ID : 8161611075  
Status : Answered  
Chosen Option : 3

Q.18 Which of the following is a beach in Goa?

- Ans
- ☒ 1. Marina
  - ☒ 2. Palolem
  - ☒ 3. Varkala
  - ☒ 4. Kudle

Question ID : 8161611078  
Status : Answered  
Chosen Option : 2

Q.19 Haemophobia is the fear of:

- Ans
- ☒ 1. darkness
  - ☒ 2. heights
  - ☒ 3. water
  - ☒ 4. blood

Question ID : 8161611073  
Status : Answered  
Chosen Option : 4

Q.20 The Mission Indradhanush, an initiative of Govt. of India, is associated with:

- Ans
- ☒ 1. immunisation
  - ☒ 2. highway development
  - ☒ 3. digitalisation
  - ☒ 4. cleanliness

Question ID : 8161611092  
Status : Answered  
Chosen Option : 1

Q.21 Crocodiles have a \_\_\_\_\_ chambered heart.

- Ans ☒ 1. two  
☒ 2. four  
☒ 3. three  
☒ 4. single

Question ID : 8161611074  
Status : Answered  
Chosen Option : 2

Q.22 The spice, cinnamon, is native to:

- Ans ☒ 1. Bhutan  
☒ 2. Afghanistan  
☒ 3. Sri Lanka  
☒ 4. Malaysia

Question ID : 8161611069  
Status : Answered  
Chosen Option : 3

Q.23 \_\_\_\_\_ was appointed Chief Justice of India with effect from 18 November 2019.

- Ans ☒ 1. Ranjan Gogoi  
☒ 2. Dipak Misra  
☒ 3. Sharad Arvind Bobde  
☒ 4. Ashok Bhushan

Question ID : 8161611091  
Status : Answered  
Chosen Option : 3

Q.24 \_\_\_\_\_ was awarded the Nobel Prize in 1913 and a knighthood in 1915.

- Ans ☒ 1. Sarojini Naidu  
☒ 2. Mahatma Gandhi  
☒ 3. Rabindranath Tagore  
☒ 4. Mother Teresa

Question ID : 8161611086  
Status : Answered  
Chosen Option : 3

Q.25 Article \_\_\_\_\_ of the Constitution of India deals with provisions related to the administration and control of Scheduled Areas and Scheduled Tribes.

- Ans ☒ 1. 222(1)  
☒ 2. 244(1)  
☒ 3. 222(2)  
☒ 4. 244(2)

Question ID : 8161611087  
Status : Answered  
Chosen Option : 2

Section : Quantitative Aptitude

Q.1

The value of  $\frac{3(1 - 2\sin^2 x)}{\cos^2 x - \sin^2 x}$  is:

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

Question ID : 8161611112  
Status : Answered  
Chosen Option : 2

Q.2

The perimeter of a square plot is the same as that of a rectangular plot with sides 35 m and 15 m. The side of the square plot is:

- Ans
- ☒ 1. 25 m
  - ☒ 2. 20 m
  - ☒ 3. 100 m
  - ☒ 4. 50 m

Question ID : 8161611104  
Status : Answered  
Chosen Option : 1

Q.3

The value of  $515 \times 485$  is:

- Ans
- ☒ 1. 249775
  - ☒ 2. 250225
  - ☒ 3. 20825
  - ☒ 4. 200825

Question ID : 8161611105  
Status : Answered  
Chosen Option : 1

Q.4

The following table shows the number of students enrolled in different streams in a particular college.

Science		Arts		Commerce		Vocational	
Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
32	18	28	45	42	42	13	30

The ratio of the number of girls studying Arts to the number of girls studying in all other streams is:

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

Question ID : 8161611117  
Status : Answered  
Chosen Option : 3

**Q.5** The compound interest on a certain sum at the end of two years is ₹408. The simple interest on the same sum for the same time is ₹400. The rate of interest per annum is:

- Ans ☒ 1. 4%  
☒ 2. 80%  
☒ 3. 40%  
☒ 4. 8%

Question ID : **8161611101**  
Status : **Answered**  
Chosen Option : 1

**Q.6** A car dealer purchased an old car for ₹1,08,500 and spent some amount on its maintenance. He sold it for ₹1,56,250, thereby earning a profit of 25%. How much money did he spend on the maintenance of the car?

- Ans ☒ 1. ₹16,500  
☒ 2. ₹20,625  
☒ 3. ₹8,687.5  
☒ 4. ₹47,750

Question ID : **8161611099**  
Status : **Answered**  
Chosen Option : 1

**Q.7** The following table gives the frequency of vowels used in the page of a book.

Vowels	a	e	i	o	u
Frequency	75	125	80	70	75

As per the given data, which vowels occur less than 80 times?

- Ans ☒ 1. a, e, i  
☒ 2. a, i, o, u  
☒ 3. a, o, u  
☒ 4. a, e

Question ID : **8161611116**  
Status : **Answered**  
Chosen Option : 3

**Q.8** Eight persons can finish a work in 20 days. After 5 days they were requested to complete the work in the next 8 days. How many more persons should join the group to fulfil the requirement?

- Ans ☒ 1. 23  
☒ 2. 15  
☒ 3. 7  
☒ 4. 12

Question ID : **8161611102**  
Status : **Answered**  
Chosen Option : 3

**Q.9** The following table shows the income (in rupees) for a particular month, together with their source, in respect of 5 employees (A, B, C, D and E).

	A	B	C	D	E
Salary	52,000	48,500	42,000	31,000	25,000
Overtime	0	0	1,500	2,500	3,200
Arrears	5,500	4,500	4,000	3,000	1,500
Bonus	3,500	3,000	2,500	2,000	2,000
Miscellaneous income	5,000	3,000	2,000	1,500	0
Total	66,000	59,000	52,000	40,000	31,700

For employee D, the income from overtime is what percentage of his total income?

- Ans
- ☒ 1. 5%
  - ☒ 2. 7.5%
  - ☒ 3. 6.25%
  - ☒ 4. 22.5%

Question ID : 8161611118

Status : Answered

Chosen Option : 3

**Q.10** In a class, the average score of thirty students on a test is 69. Later on it was found that the score of one student was wrongly read as 88 instead of 58. The actual average score is:

- Ans
- ☒ 1. 58
  - ☒ 2. 88
  - ☒ 3. 69
  - ☒ 4. 68

Question ID : 8161611096

Status : Answered

Chosen Option : 4

**Q.11** PAQ is a tangent to a circle with centre O, at a point A on it. AB is a chord such that  $\angle BAQ = x^\circ$  ( $x < 90$ ). C is a point on the major arc AB such that  $\angle ACB = y^\circ$ . If  $\angle ABO = 32^\circ$ , then the value of  $x + y$  is:

- Ans
- ☒ 1. 98
  - ☒ 2. 112
  - ☒ 3. 110
  - ☒ 4. 116

Question ID : 8161611109

Status : Answered

Chosen Option : 4

**Q.12** The greatest number which may replace \* in the number 1190\*6 to make the number divisible by 9 is:

- Ans
- ☒ 1. 1
  - ☒ 2. 9
  - ☒ 3. 3
  - ☒ 4. 0

Question ID : 8161611094

Status : Answered

Chosen Option : 1



Q.13 The value of  $(26 - 13 \times 2) \div 2 + 1$  is:

- Ans
- ☒ 1. 0
  - ☒ 2. 1
  - ☒ 3.  $\frac{26}{3}$
  - ☒ 4. 14

Question ID : 8161611095  
Status : Answered  
Chosen Option : 2

Q.14 The value of  $\cos 10^\circ \cos 30^\circ \cos 50^\circ \cos 70^\circ \cos 90^\circ$  is:

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

Question ID : 8161611114  
Status : Answered  
Chosen Option : 2

Q.15 A cell phone was marked at 20% above the cost price and a discount of 10% was given on its marked price. What is the profit percentage?

- Ans
- ☒ 1. 10%
  - ☒ 2. 8%
  - ☒ 3. 11%
  - ☒ 4. 9%

Question ID : 8161611097  
Status : Answered  
Chosen Option : 2

Q.16 The value of  $(\operatorname{cosec} 30^\circ - \tan 45^\circ) \cot 60^\circ \tan 30^\circ$  is:

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

Question ID : 8161611113  
Status : Answered  
Chosen Option : 1

Q.17 If  $x + 3y + 2 = 0$  then value of  $x^3 + 27y^3 + 8 - 18xy$  is

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

Question ID : 8161611106  
 Status : Answered  
 Chosen Option : 3

Q.18 As per data shown in the following table, what is the percentage of students who got less than 50 marks?

Marks obtained	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80
Number of students	5	11	18	38	39	24	15

- Ans
- ☒ 1. 74%
  - ☒ 2. 48%
  - ☒ 3. 72%
  - ☒ 4. 38%

Question ID : 8161611115  
 Status : Answered  
 Chosen Option : 2

Q.19 In the triangle, if  $AB = AC$  and  $\angle ABC = 72^\circ$ , then  $\angle BAC$  is:

- Ans
- ☒ 1.  $36^\circ$
  - ☒ 2.  $30^\circ$
  - ☒ 3.  $54^\circ$
  - ☒ 4.  $18^\circ$

Question ID : 8161611110  
 Status : Answered  
 Chosen Option : 1

Q.20 In a circle, AB is a the diameter and CD is a chord. AB and CD produced meet at a point P, outside the circle. If  $PD = 15.3$  cm,  $CD = 11.9$  cm and  $AP = 30.6$  cm, then the radius of the circle is:

- Ans
- ☒ 1. 8 cm
  - ☒ 2. 8.5 cm
  - ☒ 3. 9 cm
  - ☒ 4. 7.5 cm

Question ID : 8161611111  
 Status : Answered  
 Chosen Option : 2

**Q.21** From an external point P, a tangent PQ is drawn to a circle, with the centre O, touching the circle at Q. If the distance of P from the centre is 13 cm and length of the tangent PQ is 12 cm, then the radius of the circle is:

- Ans
- ☒ 1. 3 cm
  - ☒ 2. 5 cm
  - ☒ 3. 10 cm
  - ☒ 4. 12.5 cm

Question ID : 8161611108  
Status : Answered  
Chosen Option : 2

**Q.22** If  $p + q = 7$  and  $pq = 5$ , then the value of  $p^3 + q^3$  is:

- Ans
- ☒ 1. 34
  - ☒ 2. 238
  - ☒ 3. 448
  - ☒ 4. 64

Question ID : 8161611107  
Status : Answered  
Chosen Option : 2

**Q.23** If an amount of ₹990 is divided among A, B and C in the ratio of 3 : 4 : 2, then B will get:

- Ans
- ☒ 1. ₹247.5
  - ☒ 2. ₹440
  - ☒ 3. ₹110
  - ☒ 4. ₹350

Question ID : 8161611100  
Status : Answered  
Chosen Option : 2

**Q.24** The price of cooking oil increased by 25%. Find by how much percentage a family must reduce its consumption in order to maintain the same budget?

- Ans
- ☒ 1. 70%
  - ☒ 2. 80%
  - ☒ 3. 30%
  - ☒ 4. 20%

Question ID : 8161611098  
Status : Answered  
Chosen Option : 4

**Q.25** The distance between two stations, A and B, is 575 km. A train starts from station 'A' at 3:00 p.m. and moves towards station 'B' at an average speed of 50 km/h. Another train starts from station 'B' at 3:30 p.m. and moves towards station 'A' at an average speed of 60 km/h. How far from station 'A' will the trains meet?

- Ans
- ☒ 1. 275 km
  - ☒ 2. 325 km
  - ☒ 3. 300 km
  - ☒ 4. 225 km

Question ID : 8161611103  
Status : Answered  
Chosen Option : 1

Section : English Comprehension

Q.1 Select the most appropriate option to fill in the blank.

The popular leader is remarkable for the way in which he \_\_\_\_\_ the qualities of a good politician and a world class thinker.

- Ans ☒ 1. shows  
☐ 2. portrait  
☐ 3. controls  
☐ 4. conditions

Question ID : 816161143  
Status : Answered  
Chosen Option : 1

Q.2 Select the most appropriate ANTONYM of the given word.

Humane

- Ans ☐ 1. Sympathetic  
☐ 2. Kind  
☐ 3. Living  
☒ 4. Cruel

Question ID : 816161135  
Status : Answered  
Chosen Option : 4

Q.3 Select the word which means the same as the group of words given.

A building where grain is kept or stored

- Ans ☐ 1. Greenery  
☒ 2. Granary  
☐ 3. Grandstand  
☐ 4. Grate

Question ID : 816161139  
Status : Answered  
Chosen Option : 2

Q.4 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.

Long after those five horses finish drinking water from the trough, an old horse appeared over the brow of the hill.

- Ans ☒ 1. had finished  
☐ 2. have finished  
☐ 3. No Improvement  
☐ 4. had been finishing

Question ID : 816161124  
Status : Answered  
Chosen Option : 1

Q.5 Select the most appropriate synonym of the given word.

Relief

- Ans ☒ 1. Anger  
☒ 2. Aid  
☒ 3. Emotion  
☒ 4. Stress

Question ID : 8161611133

Status : Answered

Chosen Option : 2

Q.6 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. So, in the agrarian era, you destroy your enemy's productive capacity by burning his crops or fields.  
B. Now, in the information era, destroying the enemy's productive capacity means destroying their information infrastructure.  
C. You battle with your enemy by destroying the enemy's productive capacity, which will be different depending upon the foundation of economy.  
D. But in the industrial era, ending productive capacity meant bombing of the factories that are located in cities and main industrial areas.

- Ans ☒ 1. ACBD  
☒ 2. ACDB  
☒ 3. BDAC  
☒ 4. CADB

Question ID : 8161611132

Status : Answered

Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill each blank.

When you enter a restaurant, you take your (1)\_\_\_\_\_ and you are served a glass of water. You take your (2)\_\_\_\_\_ to decide what you should order. When a (3)\_\_\_\_\_ appears, you ask him the routine question, "(4)\_\_\_\_\_ do you have?" The waiter will begin to recite (5)\_\_\_\_\_ day's menus, generally with nothing new in it, but you like to hear it all over again.

SubQuestion No : 7

Q.7 Select the most appropriate option for the blank numbered 1.

- Ans ☒ 1. seat  
☒ 2. stage  
☒ 3. counter  
☒ 4. plate

Question ID : 8161611126

Status : Answered

Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill each blank.

When you enter a restaurant, you take your (1)\_\_\_\_\_ and you are served a glass of water. You take your (2)\_\_\_\_\_ to decide what you should order. When a (3)\_\_\_\_\_ appears, you ask him the routine question, "(4)\_\_\_\_\_ do you have?" The waiter will begin to recite (5)\_\_\_\_\_ day's menus, generally with nothing new in it, but you like to hear it all over again.

**SubQuestion No : 8**

**Q.8 Select the most appropriate option for the blank numbered 2.**

- Ans ☒ 1. place  
☒ 2. wallet  
☒ 3. pen  
☒ 4. time

Question ID : 8161611127

Status : Answered

Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill each blank.

When you enter a restaurant, you take your (1)\_\_\_\_\_ and you are served a glass of water. You take your (2)\_\_\_\_\_ to decide what you should order. When a (3)\_\_\_\_\_ appears, you ask him the routine question, "(4)\_\_\_\_\_ do you have?" The waiter will begin to recite (5)\_\_\_\_\_ day's menus, generally with nothing new in it, but you like to hear it all over again.

**SubQuestion No : 9**

**Q.9 Select the most appropriate option for the blank numbered 3.**

- Ans ☒ 1. cleaner  
☒ 2. waiter  
☒ 3. manager  
☒ 4. friend

Question ID : 8161611128

Status : Answered

Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill each blank.

When you enter a restaurant, you take your (1)\_\_\_\_\_ and you are served a glass of water. You take your (2)\_\_\_\_\_ to decide what you should order. When a (3)\_\_\_\_\_ appears, you ask him the routine question, "(4)\_\_\_\_\_ do you have?" The waiter will begin to recite (5)\_\_\_\_\_ day's menus, generally with nothing new in it, but you like to hear it all over again.

**SubQuestion No : 10**

**Q.10 Select the most appropriate option for the blank numbered 4.**

- Ans ☒ 1. When  
☒ 2. What  
☒ 3. How  
☒ 4. Why

Question ID : 8161611129

Status : Answered

Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill each blank.

When you enter a restaurant, you take your (1)\_\_\_\_\_ and you are served a glass of water. You take your (2)\_\_\_\_\_ to decide what you should order. When a (3)\_\_\_\_\_ appears, you ask him the routine question, "(4)\_\_\_\_\_ do you have?" The waiter will begin to recite (5)\_\_\_\_\_ day's menus, generally with nothing new in it, but you like to hear it all over again.

**SubQuestion No : 11**

**Q.11 Select the most appropriate option for the blank numbered 5.**

- Ans
- ☒ 1. a
  - ☒ 2. the
  - ☒ 3. an
  - ☒ 4. this

Question ID : **8161611130**  
Status : **Answered**  
Chosen Option : **2**

**Q.12 Select the most appropriate meaning of the following idiom.**

**To take a back seat**

- Ans
- ☒ 1. To become less important or to give up control over things
  - ☒ 2. To lecture or criticise the person who is actually in control of something
  - ☒ 3. To be less successful in one's efforts
  - ☒ 4. To go through a short but unpleasant period of time

Question ID : **8161611138**  
Status : **Answered**  
Chosen Option : **1**

**Q.13 Select the most appropriate ANTONYM of the given word.**

**Extol**

- Ans
- ☒ 1. Realistic
  - ☒ 2. Censure
  - ☒ 3. Exposure
  - ☒ 4. Boorish

Question ID : **8161611136**  
Status : **Answered**  
Chosen Option : **2**

**Q.14 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.**

- A. They were all very bright and eager to learn, and the sage was proud of them.
- B. One day he realized that he had imparted sufficient knowledge to his disciples.
- C. Once upon a time, a great sage had a group of obedient disciples.
- D. There was only one thing that he had not taught them – a special mantra that could bring the dead back to life.

- Ans
- ☒ 1. DBAC
  - ☒ 2. ADBC
  - ☒ 3. CABD
  - ☒ 4. ACBD

Question ID : **8161611131**  
Status : **Answered**  
Chosen Option : **3**

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

To bark up the wrong tree

- Ans ☒ 1. To do something that will not get the result you want  
☐ 2. To sound or appear ferocious but not actually so  
☐ 3. To cover oneself with the outer covering of a wrong tree  
☐ 4. To make a sound like that of a dog

Question ID : 816161137  
Status : Answered  
Chosen Option : 1

Q.16 Select the correct passive form of the given sentence.

Conduct all the exams in a fair and proper manner.

- Ans ☒ 1. Let all the exams be conducted in a fair and proper manner.  
☐ 2. Let all exams should be conducted in fair and proper manner.  
☐ 3. All the exams are conducted in a fair and proper manner.  
☐ 4. The exams were all conducted in a fair and proper manner.

Question ID : 816161121  
Status : Answered  
Chosen Option : 1

Q.17 In the sentence identify the segment which contains the grammatical error.

The big ship sank and everyone abroad drowned.

- Ans ☐ 1. sank  
☐ 2. and everyone  
☐ 3. The big ship  
☒ 4. abroad drowned

Question ID : 816161120  
Status : Answered  
Chosen Option : 4

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

Inclement

- Ans ☐ 1. Pleasant  
☒ 2. Dignified  
☐ 3. Wonderful  
☐ 4. Stormy

Question ID : 816161134  
Status : Answered  
Chosen Option : 2



Q.19 Select the word which means the same as the group of words given.

Working very hard and very carefully

- Ans
- ☒ 1. Dilatory
  - ☒ 2. Indulgent
  - ☒ 3. Diligent
  - ☒ 4. Indigent

Question ID : 8161611140  
Status : Answered  
Chosen Option : 3

Q.20 Select the correct indirect form of the given sentence.

Johnny's mother said, "Johnny, run down to the grocer's and get a loaf of French bread and a pound of cheddar cheese."

- Ans
- ☒ 1. Johnny's mother asked him to run down to the grocer's and get a loaf of French bread and a pound of cheddar cheese.
  - ☒ 2. Johnny's mother pleaded with John to run down to the grocer's and get her a loaf of French bread and a pound of cheddar cheese.
  - ☒ 3. Johnny commanded his mother to go down to the grocer and buy a loaf of French bread and a pound of cheddar cheese.
  - ☒ 4. Johnny asked his mother to run down to the grocer's and get a loaf of French bread and a pound of cheddar cheese.

Question ID : 8161611122  
Status : Answered  
Chosen Option : 1

Q.21 Select the most appropriate option to fill in the blank.

Today's graduates should \_\_\_\_\_ their skills constantly to be able to excel in their career and life.

- Ans
- ☒ 1. encourage
  - ☒ 2. upgrade
  - ☒ 3. dilute
  - ☒ 4. active

Question ID : 8161611144  
Status : Answered  
Chosen Option : 2

Q.22 Select the most appropriate option to substitute the underlined segment in the given sentence.

You must go to the book fair if you are liking it or not.

- Ans
- ☒ 1. if you like it
  - ☒ 2. although you are liking it
  - ☒ 3. whether you have liked
  - ☒ 4. whether you like it

Question ID : 8161611123  
Status : Answered  
Chosen Option : 4

Q.23 In the sentence identify the segment which contains the grammatical error.

It's raining heavily, so you should take an umbrella, but you will get wet.

- Ans
- ☒ 1. It's raining heavily
  - ☒ 2. should take an umbrella
  - ☒ 3. but you will get wet.
  - ☒ 4. so you

Question ID : 8161611119  
Status : Answered  
Chosen Option : 3

Q.24 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Fasineting
  - ☒ 2. Professional
  - ☒ 3. Grammatical
  - ☒ 4. Occurrence

Question ID : 8161611142  
Status : Answered  
Chosen Option : 1

Q.25 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Presence
  - ☒ 2. Absence
  - ☒ 3. Definite
  - ☒ 4. Labarotary

Question ID : 8161611141  
Status : Answered  
Chosen Option : 4