

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

Roll Number	
Candidate Name	
Venue Name	
Exam Date	06/03/2020
Exam Time	1:00 PM - 2:00 PM
Subject	CGLE Tier I

Section : General Intelligence and Reasoning

Q.1 Which of the following sets is best represented by the given Venn diagram.



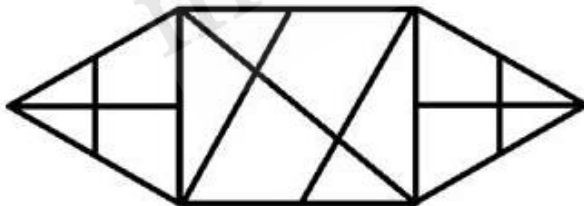
- Ans
- ☒ 1. Truck, Ships, Transport
  - ☒ 2. Paragraph, Sentence, Pen
  - ☒ 3. Weeks, Years, Months
  - ☒ 4. House, Window, Tenant

Question ID : 816161350

Status : Answered

Chosen Option : 3

Q.2 How many triangles are present in the given figure?



- Ans
- ☒ 1. 18
  - ☒ 2. 20
  - ☒ 3. 23
  - ☒ 4. 22

Question ID : 816161345

Status : Marked For Review

Chosen Option : 4

- Q.3** A group of three friends, K, L and M, are sitting in a café. Their average age is 24 years. Another friend 'N' joins the group and the new average age of the group becomes 23 years. If another friend 'R', whose age is 2 years more than that of 'N', replaces 'K', then the average age of L, M, N and R becomes 22.5 years. What is the age of K?

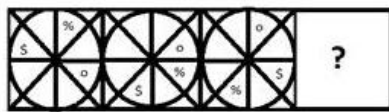
- Ans**
- ☒ 1. 24 years
  - ☐ 2. 22 years
  - ☐ 3. 20 years
  - ☐ 4. 25 years

Question ID : 816161343

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 : 816161344

Status : Answered

Chosen Option : 2

Q.5  $A + B$  means 'A is the father of B';  
 $A - B$  means 'A is the sister of B';  
 $A \times B$  means 'A is the brother of B';  
 $A \div B$  means 'A is the daughter of B'.  
If,  $R + S \times T - V \div U$ , then how is S related to U?

- Ans ☒ 1. Son  
☒ 2. Brother  
☒ 3. Husband  
☒ 4. Daughter

Question ID : 816161335  
Status : Answered  
Chosen Option : 1

Q.6 Select the option that is related to the third word in the same way as the second word is related to the first word.  
Crop : Farmer :: Food : ?

- Ans ☒ 1. Chef  
☒ 2. Vegetables  
☒ 3. Utensil  
☒ 4. Kitchen

Question ID : 816161330  
Status : Marked For Review  
Chosen Option : 1

Q.7 In a certain code language, BREATHER is coded as 29512859. How will AVIATION be coded as in that language?

- Ans ☒ 1. 14912956  
☒ 2. 14912965  
☒ 3. 12912954  
☒ 4. 12910965

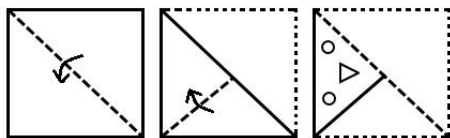
Question ID : 816161333  
Status : Answered  
Chosen Option : 2

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

- Ans ☒ 1. Brass  
☒ 2. Iron  
☒ 3. Silver  
☒ 4. Copper

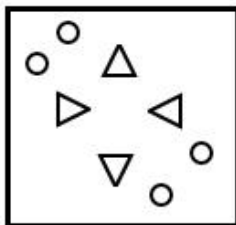
Question ID : 816161329  
Status : Answered  
Chosen Option : 1

**Q.9** 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?

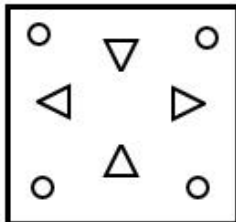


Ans

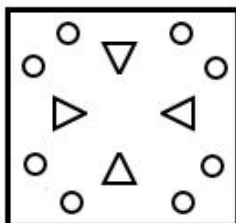
☒ 1.



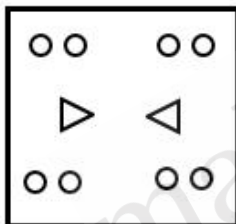
☒ 2.



☒ 3.



☒ 4.



Question ID : 816161349

Status : Answered

Chosen Option : 3

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

(343, 98, 21)

Ans

☒ 1. (1728, 288, 24)

☒ 2. (1331, 242, 33)

☒ 3. (217, 72, 18)

☒ 4. (512, 126, 27)

Question ID : 816161340

Status : Answered

Chosen Option : 2

**Q.11** 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.

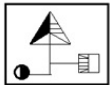
- Ans**
- ☒ 1. 14, 8
  - ☒ 2. 56, 2
  - ☒ 3. 28, 5
  - ☒ 4. 16, 7

Question ID : 816161339

Status : Answered

Chosen Option : 4

**Q.12** Which of the option figures is the exact mirror image of the given figure when the mirror is held at the right side?



**Ans**

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 816161348

Status : Answered

Chosen Option : 4

**Q.13** 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 from the statements.

**Statements:**

1. All books are magazines.
2. Some books are novels.

**Conclusions:**

- I. Some magazines are books.
- II. No magazine is a book.
- III. No novel is a magazine.
- IV. Some novels are books.

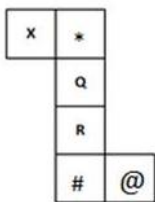
- Ans**
- ☒ 1. Only conclusions II and III follow.
- ☒ 2. Only conclusions I and II follow.
- ☒ 3. Only conclusions I and IV follow.
- ☒ 4. Only conclusions I, II and IV follow.

Question ID : 816161336

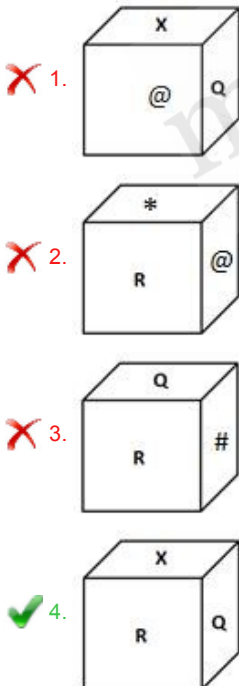
Status : Answered

Chosen Option : 3

**Q.14** Select the cube that can be formed by folding the given sheet (unfolded box) along the lines.



**Ans**



Question ID : 816161346

Status : Answered

Chosen Option : 4

**Q.15** Four letter-clusters have been given, out of which three are alike in some manner, while one is different. Select the odd letter-cluster.

- Ans  1. VINE  
 2. SWJK  
 3. NOHA  
 4. LAIM

Question ID : **816161328**  
 Status : **Answered**  
 Chosen Option : **2**

**Q.16** Study the given pattern carefully and select the number that can replace the question mark (?) in it.


10	4	7	5
15	7	8	25
14	3	6	12
10	?	14	65

- Ans  1. 18  
 2. 16  
 3. 14  
 4. 10

Question ID : **816161341**  
 Status : **Not Answered**  
 Chosen Option : --

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

11, 12, 36, 41, ?, 296

- Ans  1. 287  
 2. 48  
 3. 123  
 4. 205

Question ID : **816161337**  
 Status : **Answered**  
 Chosen Option : **1**

**Q.18** Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

\_uvwuv\_wvtuw\_uvwuv\_wv\_uw

- Ans  1. ttutv  
 2. tvwtt  
 3. ttttt  
 4. tutut

Question ID : **816161331**  
 Status : **Answered**  
 Chosen Option : **3**



**Q.19** Select the letter-cluster that can replace the question mark (?) in the following series.

qDx, nHs, kLn, hPi, ?

- Ans**
- ☒ 1. EtD
  - ☒ 2. eTd
  - ☒ 3. fTe
  - ☒ 4. eSd

Question ID : 816161326

Status : Answered

Chosen Option : 2

**Q.20** If the following words are arranged as per their order in the English dictionary, which word will come fifth in the sequence?

- 1. Weekly
- 2. Weather
- 3. Weird
- 4. Weaver
- 5. Weight
- 6. Wielded

- Ans**
- ☒ 1. Weekly
  - ☒ 2. Weird
  - ☒ 3. Wielded
  - ☒ 4. Weight

Question ID : 816161327

Status : Answered

Chosen Option : 2

**Q.21** In a certain code language, 'VERBAL' is written as 'QNMYYK' and 'REACH' is written as 'MNXZF'. How will 'BRAVE' be written as in that language?

- Ans**
- ☒ 1. YMXQN
  - ☒ 2. KMQXN
  - ☒ 3. YNXQM
  - ☒ 4. KQNMX

Question ID : 816161332

Status : Answered

Chosen Option : 1

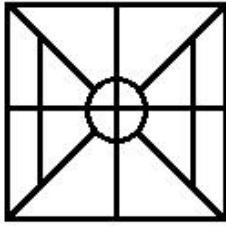


**Q.22** Select the option figure in which the given figure is embedded (rotation is NOT allowed).

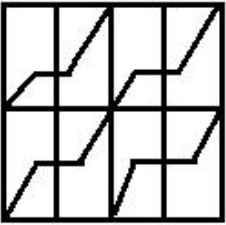


Ans

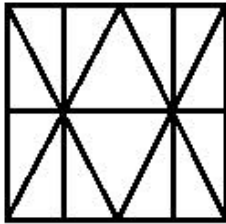
✗ 1.



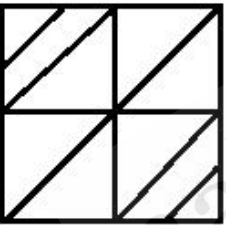
✗ 2.



✓ 3.



✗ 4.



Question ID : 816161347

Status : Answered

Chosen Option : 3

**Q.23** Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

78 : 117 :: 90 : ? :: 108 : 162

Ans

✗ 1. 126

✗ 2. 117

✗ 3. 144

✓ 4. 135

Question ID : 816161338

Status : Answered

Chosen Option : 4

**Q.24** Select the set of letters that when sequentially placed in the blanks of the given letter series will complete the series.

\_ m \_ l n \_ m l m n k \_ k \_ n l

- Ans
- ☒ 1. k, n, k, l, m
  - ☐ 2. k, l, k, l, m
  - ☐ 3. m, n, k, l, m
  - ☐ 4. l, n, k, l, n

Question ID : 816161334

Status : Answered

Chosen Option : 1

**Q.25** The two given expressions on both the side of the '=' sign will have the same value if two numbers from either side or both side are interchanged. Select the correct numbers to be interchanged from the given options.

$$4 + 6 \times 7 - 27 \div 3 = 7 \times 8 - 4 + 39 \div 3$$

- Ans
- ☐ 1. 3, 4
  - ☒ 2. 6, 8
  - ☐ 3. 8, 7
  - ☐ 4. 6, 4

Question ID : 816161342

Status : Not Answered

Chosen Option : --

#### Section : General Awareness

**Q.1** Which of the following is an east flowing river?

- Ans
- ☐ 1. Sabarmati
  - ☐ 2. Sharavati
  - ☐ 3. Mahi
  - ☒ 4. Brahmani

Question ID : 816161361

Status : Answered

Chosen Option : 2

**Q.2** Under which of the following Amendments to the Constitution of India is defection to another party after election made illegal?

- Ans
- ☐ 1. 92nd
  - ☐ 2. 61st
  - ☒ 3. 52nd
  - ☐ 4. 86th

Question ID : 816161369

Status : Not Answered

Chosen Option : --

**Q.3** The Battle of Chausa was fought between Humayun and \_\_\_\_\_.

- Ans
- ☒ 1. Nadir Shah
  - ☒ 2. Krishnadeva Raya
  - ☒ 3. Sher Shah Suri
  - ☒ 4. Hemu

Question ID : **816161363**  
Status : **Answered**  
Chosen Option : **3**

**Q.4** How many degrees does the Earth rotate about its own axis in one hour?

- Ans
- ☒ 1. 24
  - ☒ 2. 15
  - ☒ 3. 20
  - ☒ 4. 10

Question ID : **816161357**  
Status : **Answered**  
Chosen Option : **1**

**Q.5** The first electron shell which is the nearest to the nucleus never holds more than 'n' electrons, where 'n' is equal to:

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

Question ID : **816161359**  
Status : **Answered**  
Chosen Option : **3**

**Q.6** In January 2020, with which country did India sign a MoU for content exchange programme between All India Radio and Betar?

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

Question ID : **816161374**  
Status : **Answered**  
Chosen Option : **2**

**Q.7 Which of the following monuments is NOT a part of the Qutub Complex?**

- Ans
- ☒ 1. Qutub Minar
  - ☒ 2. Quwwat-ul-Islam Mosque
  - ☒ 3. Alai Darwaza
  - ☒ 4. Buland Darwaza

Question ID : **816161352**  
Status : **Answered**  
Chosen Option : **2**

**Q.8 Who is the author of the book 'Hazaar Chaurasi Ki Maa'?**

- Ans
- ☒ 1. Rita Kothari
  - ☒ 2. Sugathakumari
  - ☒ 3. Mahasweta Devi
  - ☒ 4. Krishna Sobti

Question ID : **816161367**  
Status : **Answered**  
Chosen Option : **1**

**Q.9 The Act that transferred the power from the British East India Company to the British Crown in India was:**

- Ans
- ☒ 1. Government of India Act, 1947
  - ☒ 2. Government of India Act, 1833
  - ☒ 3. Government of India Act, 1835
  - ☒ 4. Government of India Act, 1858

Question ID : **816161365**  
Status : **Answered**  
Chosen Option : **4**

**Q.10 In the context of rivers and their tributaries, which of the following pairs is correct?**

- Ans
- ☒ 1. Alaknanda – Pindar
  - ☒ 2. Indus – Subansiri
  - ☒ 3. Godavari – Kabini
  - ☒ 4. Krishna – Manjra

Question ID : **816161362**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.11 Which of the following pairs is associated with the taxation system of the Marathas?**

- Ans ☒ 1. Zat and Sawar  
☒ 2. Chauth and Sardeshmukhi  
☒ 3. Polaj and Parauti  
☒ 4. Iqta and Jagir

Question ID : **816161364**  
Status : **Answered**  
Chosen Option : **2**

**Q.12 Which of the following is a heritage site of Madhya Pradesh?**

- Ans ☒ 1. Hampi  
☒ 2. Sasaram  
☒ 3. Bhimbetka  
☒ 4. Lepakshi

Question ID : **816161351**  
Status : **Answered**  
Chosen Option : **3**

**Q.13 Which of the following states does NOT share its boundary with Bhutan?**

- Ans ☒ 1. Sikkim  
☒ 2. Arunachal Pradesh  
☒ 3. West Bengal  
☒ 4. Meghalaya

Question ID : **816161360**  
Status : **Answered**  
Chosen Option : **4**

**Q.14 Under which Article can the Parliament amend the Constitution?**

- Ans ☒ 1. Article 374  
☒ 2. Article 368  
☒ 3. Article 74  
☒ 4. Article 269

Question ID : **816161370**  
Status : **Answered**  
Chosen Option : **2**

Q.15 Which among the following is the food tube?

- Ans
- ☒ 1. Thymus
  - ☒ 2. Larynx
  - ☒ 3. Oesophagus
  - ☒ 4. Aorta

Question ID : 816161356  
Status : Answered  
Chosen Option : 3

Q.16 In which year was NABARD established?

- Ans
- ☒ 1. 1979
  - ☒ 2. 1982
  - ☒ 3. 1981
  - ☒ 4. 1978

Question ID : 816161353  
Status : Marked For Review  
Chosen Option : 1

Q.17 Which ISO certification pertains to Environmental Management Systems?

- Ans
- ☒ 1. 9001
  - ☒ 2. 14001
  - ☒ 3. 22000
  - ☒ 4. 27001

Question ID : 816161354  
Status : Not Answered  
Chosen Option : --

Q.18 In July 2019, which among the following operations was launched by the BSF to fortify the Pakistan border in Punjab and Jammu?

- Ans
- ☒ 1. Vayuputra
  - ☒ 2. Chakravyuh
  - ☒ 3. Sudarshan
  - ☒ 4. Garuda

Question ID : 816161375  
Status : Answered  
Chosen Option : 4

Q.19 Which of the following statements is correct with reference to the Karachi Session of the Congress (1931)?

- Ans ☒ 1. The Gandhi-Irwin Pact was ratified
- ☐ 2. Mahatma Gandhi presided over the session
- ☐ 3. The Khilafat movement was launched at this event
- ☐ 4. The Quit-India Resolution was passed

Question ID : 816161366

Status : Answered

Chosen Option : 1

Q.20 With which sport is Archana Kamath associated?

- Ans ☐ 1. Badminton
- ☐ 2. Lawn Tennis
- ☒ 3. Table Tennis
- ☐ 4. Squash

Question ID : 816161372

Status : Answered

Chosen Option : 2

Q.21 Which country hosted the 13th South Asian Games?

- Ans ☐ 1. Maldives
- ☒ 2. Nepal
- ☐ 3. India
- ☐ 4. Bhutan

Question ID : 816161373

Status : Answered

Chosen Option : 2

Q.22 The Arid Forest Research Institute is located in \_\_\_\_\_.

- Ans ☐ 1. Jaipur
- ☒ 2. Jodhpur
- ☐ 3. Dehradun
- ☐ 4. Ahmedabad

Question ID : 816161358

Status : Not Answered

Chosen Option : --



**Q.23** Ozone at the higher level of the atmosphere is a product of \_\_\_\_\_ acting on oxygen molecules.

- Ans
- ☒ 1. gamma rays
  - ☒ 2. x-rays
  - ☒ 3. UV radiation
  - ☒ 4. IR radiation

Question ID : 816161355

Status : Answered

Chosen Option : 3

**Q.24** The SASTRA - Ramanujan Prize is awarded in the field of:

- Ans
- ☒ 1. Mathematics
  - ☒ 2. Dance
  - ☒ 3. Literature
  - ☒ 4. Chemistry

Question ID : 816161368

Status : Answered

Chosen Option : 1

**Q.25** Which female Indian cricketer won the BCCI C.K. Nayudu Lifetime Achievement Award for 2019?

- Ans
- ☒ 1. Shantha Rangaswamy
  - ☒ 2. Anjum Chopra
  - ☒ 3. Jhulan Goswami
  - ☒ 4. Diana Edulji

Question ID : 816161371

Status : Answered

Chosen Option : 2

Section : Quantitative Aptitude

**Q.1** Amit borrowed a sum of ₹25,000 on simple interest. Bhola borrowed the same amount on compound interest (interest compounded yearly). At the end of 2 years, Bhola had to pay ₹160 more interest than Amit. The rate of interest charged per annum is:

- Ans
- ☒ 1.  $\frac{16}{25}$  %
  - ☒ 2. 8%
  - ☒ 3.  $\frac{8}{25}$  %
  - ☒ 4.  $3\frac{1}{8}$  %

Question ID : 816161383

Status : Not Answered

Chosen Option : --

Q.2 The lengths of the diagonals of a rhombus are 16 cm and 12 cm. Its area is:

- Ans
- ☒ 1.  $69 \text{ cm}^2$
  - ☒ 2.  $28 \text{ cm}^2$
  - ☒ 3.  $48 \text{ cm}^2$
  - ☒ 4.  $96 \text{ cm}^2$

Question ID : 816161386

Status : Answered

Chosen Option : 4

Q.3 The coefficient of  $x$  in  $(x - 3y)^3$  is:

- Ans
- ☒ 1.  $-3y^2$
  - ☒ 2.  $-27y^2$
  - ☒ 3.  $27y^2$
  - ☒ 4.  $3y^2$

Question ID : 816161388

Status : Not Answered

Chosen Option : --

Q.4 If  $a + \frac{1}{a} = 5$  then  $a^3 + \frac{1}{a^3}$  is:

- Ans
- ☒ 1. 80
  - ☒ 2. 110
  - ☒ 3. 10
  - ☒ 4. 140

Question ID : 816161389

Status : Answered

Chosen Option : 2

Q.5 The largest number which should replace \* in the number 2365\*4 to make the number divisible by 4 is:

- Ans
- ☒ 1. 8
  - ☒ 2. 0
  - ☒ 3. 9
  - ☒ 4. 2

Question ID : 816161376

Status : Answered

Chosen Option : 1

**Q.6** Two cyclists X and Y start at the same time from place A and go towards place B at a speed of 6 km/h and 8 km/h, respectively. Despite stopping for 15 minutes during the journey, Y reaches 10 minutes earlier than X. The distance between the places A and B is:

- Ans**
- ☐ 1. 6 km
  - ☐ 2. 8 km
  - ☐ 3. 16.5 km
  - ☒ 4. 10 km

Question ID : 816161385

Status : Not Answered

Chosen Option : --

**Q.7** Amit and Sunil together can complete a work in 9 days, Sunil and Dinesh together can complete the same work in 12 days, and Amit and Dinesh together can complete the same work in 18 days. In how many days will they complete the work if Amit, Sunil and Dinesh work together?

- Ans**
- ☐ 1. 16 days
  - ☐ 2. 12 days
  - ☐ 3. 14 days
  - ☒ 4. 8 days

Question ID : 816161384

Status : Answered

Chosen Option : 4

**Q.8** The following table shows the income (in ₹) 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

How many employees got more than a total of ₹10,000 as income other than salary?

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

Question ID : 816161400

Status : Answered

Chosen Option : 4

Q.9 The following table shows the daily earnings of 45 skilled workers.

Earnings (in ₹)	700 to 800	800 to 900	900 to 1,000	1,000 to 1,100	1,100 to 1,200	1,200 to 1,300
Number of workers	4	15	10	10	4	2

How many workers earn less than ₹1,100 in a day?

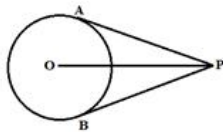
- Ans
- ☒ 1. 10
  - ☒ 2. 29
  - ☒ 3. 39
  - ☒ 4. 43

Question ID : 816161397

Status : Answered

Chosen Option : 3

Q.10 In the given figure, if  $\angle APO = 35^\circ$ , then which of the following options is correct?



- Ans
- ☒ 1.  $\angle BPO = 55^\circ$
  - ☒ 2.  $\angle APB = 80^\circ$
  - ☒ 3.  $\angle BPO = 35^\circ$
  - ☒ 4.  $\angle APB = 60^\circ$

Question ID : 816161390

Status : Answered

Chosen Option : 3

Q.11 The number of students enrolled in different streams in a college is shown in the following table.

Science		Arts		Commerce		Vocational	
Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys
35	18	25	47	45	40	10	30

The ratio of the total number of boys to that of girls in the college is:

- Ans
- ☒ 1. 27 : 23
  - ☒ 2. 13 : 12
  - ☒ 3. 1 : 1
  - ☒ 4. 23 : 27

Question ID : 816161399

Status : Answered

Chosen Option : 1

Q.12 Solve the following

$$113 \times 87 = ?$$

- Ans ☒ 1. 9831  
☒ 2. 10169  
☒ 3. 10000  
☒ 4. 10026

Question ID : 816161387

Status : Answered

Chosen Option : 1

Q.13 In a school, 4 % of the students did not appear for the annual exams. 10% of the students who appeared for the exams could not pass the exam. Out of the remaining students, 50% got distinction marks and 432 students passed the exam but could not get distinction marks. The total number of students in the school is:

- Ans ☒ 1. 878  
☒ 2. 1000  
☒ 3. 1200  
☒ 4. 960

Question ID : 816161380

Status : Answered

Chosen Option : 2

Q.14 A shopkeeper marked a computer table for ₹7,200. He allows a discount of 10% on it and yet makes profit of 8%. What will be his gain percentage if he does NOT allow any discount?

- Ans ☒ 1. 18%  
☒ 2. 2%  
☒ 3. 9%  
☒ 4. 20%

Question ID : 816161379

Status : Answered

Chosen Option : 4

Q.15 Solve the following.

$$\frac{4}{3} \div \frac{1}{6} \times 2 - 1 = ?$$

- Ans ☒ 1. 15  
☒ 2. 3  
☒ 3. 8  
☒ 4. -2

Question ID : 816161377

Status : Answered

Chosen Option : 1

**Q.16** In a wallet, there are notes of the denominations ₹10 and ₹50. The total number of notes is 12. The number of ₹10 and ₹50 notes are in the ratio of 1 : 2. Total money in the wallet is:

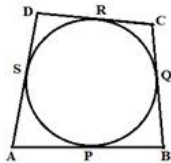
- Ans
- ☒ 1. ₹360
  - ☒ 2. ₹280
  - ☒ 3. ₹110
  - ☒ 4. ₹440

Question ID : 816161382

Status : Answered

Chosen Option : 4

**Q.17** In the given figure, if  $AB = 10$  cm,  $CD = 7$  cm,  $SD = 4$  cm and  $AS = 5$  cm, then  $BC = ?$



- Ans
- ☒ 1. 9 cm
  - ☒ 2. 7.5 cm
  - ☒ 3. 6 cm
  - ☒ 4. 8 cm

Question ID : 816161391

Status : Answered

Chosen Option : 4

**Q.18** During a medical check-up, the heights of 40 students in a class were recorded as shown in the following table.

Height (in cm)	less than 175	less than 170	less than 165	less than 160	less than 155	less than 150
Number of students	40	35	25	16	8	4

How many students have a height of 165 cm or more?

- Ans
- ☒ 1. 15
  - ☒ 2. 10
  - ☒ 3. 16
  - ☒ 4. 25

Question ID : 816161398

Status : Not Answered

Chosen Option : --

Q.19 The value of  $\frac{\sin 30^\circ \sin 60^\circ}{\cos 60^\circ \cos 30^\circ} - \tan 45^\circ$  is:

- Ans
- ☒ 1. 2
  - ☒ 2. 0
  - ☒ 3.  $\frac{2-\sqrt{2}}{2}$
  - ☒ 4. 5

Question ID : 816161395

Status : Answered

Chosen Option : 2

Q.20 24 students collected money for donation. The average contribution was ₹50. Later on, their teacher also contributed some money. Now the average contribution is ₹56. The teacher's contribution is:

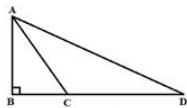
- Ans
- ☒ 1. ₹200
  - ☒ 2. ₹106
  - ☒ 3. ₹56
  - ☒ 4. ₹194

Question ID : 816161378

Status : Answered

Chosen Option : 1

Q.21 In the given figure, if AB = 8 cm, AC = 10 cm,  $\angle ABD = 90^\circ$  and AD = 17 cm, then the measure of CD is:



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

Question ID : 816161393

Status : Answered

Chosen Option : 2

Q.22 In a triangle, if the measures of two sides are 5 cm and 8 cm, then the third side can be:

- Ans
- ☒ 1. 2 cm
  - ☒ 2. 14 cm
  - ☒ 3. 3 cm
  - ☒ 4. 4 cm

Question ID : 816161392

Status : Answered

Chosen Option : 4



**Q.23** A manufacturer sells cooking gas stoves to shopkeepers at 10% profit, and in turn they sell the cooking gas stoves to customer to earn 15% profit. If a customer gets a cooking gas stove for ₹7,590, then what is its manufacturing cost?

- Ans
- ☒ 1. ₹5,000
  - ☒ 2. ₹5,090
  - ☒ 3. ₹6,000
  - ☒ 4. ₹6,500

Question ID : 816161381  
Status : Answered  
Chosen Option : 3

**Q.24** If  $(\cos^2\theta - 1)(1 + \tan^2\theta) + 2\tan^2\theta = 1, 0^\circ \leq \theta \leq 90^\circ$  then  $\theta$  is:

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

Question ID : 816161394  
Status : Answered  
Chosen Option : 4

**Q.25** Solve the following.  $\sin 0^\circ \sin 30^\circ \sin 45^\circ \sin 60^\circ \sin 90^\circ = ?$

- Ans
- ☒ 1. 4
  - ☒ 2.  $\frac{\sqrt{6}}{8}$
  - ☒ 3. 1
  - ☒ 4. 0

Question ID : 816161396  
Status : Answered  
Chosen Option : 4

#### Section : English Comprehension

**Q.1** Select the most appropriate meaning of the given idiom.

Pull a fast one

- Ans
- ☒ 1. Trick someone
  - ☒ 2. Progress fast
  - ☒ 3. Take quick action
  - ☒ 4. Believe someone easily

Question ID : 816161420  
Status : Marked For Review  
Chosen Option : 3

**Q.2** Select the most appropriate option to fill in the blank.

The poor man was \_\_\_\_\_ entry to the restaurant.

- Ans
- ☒ 1. derived
  - ☒ 2. denied
  - ☒ 3. devoid
  - ☒ 4. deluded

Question ID : 816161426

Status : Answered

Chosen Option : 2

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

A child could understand his theory.

- Ans
- ☒ 1. His theory was understood by a child.
  - ☒ 2. His theory could be understood by a child.
  - ☒ 3. His theory can be understood by a child.
  - ☒ 4. His theory is being understood by a child.

Question ID : 816161403

Status : Answered

Chosen Option : 2

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

- A. These lotteries organised by State Governments sell dreams.
- B. Lured by this, millions of poor people waste their hard-earned money.
- C. Crores of rupees and gold are offered as prizes.
- D. People buy lotteries hoping to become rich overnight.

- Ans
- ☒ 1. DACB
  - ☒ 2. DBCA
  - ☒ 3. CABD
  - ☒ 4. CBAD

Question ID : 816161414

Status : Answered

Chosen Option : 1

**Q.5** Select the most appropriate antonym of the given word.

FICKLE

- Ans
- ☒ 1. Crafty
  - ☒ 2. Flighty
  - ☒ 3. Subtle
  - ☒ 4. Stable

Question ID : 816161418

Status : Answered

Chosen Option : 4

**Q.6 In the sentence identify the segment which contains the grammatical error.**

**We had a long discussion at a cup of coffee.**

- Ans**
- ☒ 1. of coffee
  - ☒ 2. at a cup
  - ☒ 3. We had
  - ☒ 4. a long discussion

Question ID : **816161402**

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.

Agra's marble-marvel has such an overwhelming presence (1)\_\_\_\_\_ other monuments in the town have been relegated (2) \_\_\_\_\_ oblivion. Amongst such 60 odd monuments in (3) \_\_\_\_\_ town, the Red Taj is the most (4) \_\_\_\_\_ and relatively well-preserved. The tomb in red sandstone was (5) \_\_\_\_\_ by Ann Hessing, widow of a Dutch officer, after his death in 1803.

**SubQuestion No : 7**

**Q.7 Select the correct option to fill in blank 1.**

- Ans**
- ☒ 1. that
  - ☒ 2. but
  - ☒ 3. than
  - ☒ 4. If

Question ID : **816161408**

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.

Agra's marble-marvel has such an overwhelming presence (1)\_\_\_\_\_ other monuments in the town have been relegated (2) \_\_\_\_\_ oblivion. Amongst such 60 odd monuments in (3) \_\_\_\_\_ town, the Red Taj is the most (4) \_\_\_\_\_ and relatively well-preserved. The tomb in red sandstone was (5) \_\_\_\_\_ by Ann Hessing, widow of a Dutch officer, after his death in 1803.

**SubQuestion No : 8**

**Q.8 Select the correct option to fill in blank 2.**

- Ans**
- ☒ 1. with
  - ☒ 2. to
  - ☒ 3. on
  - ☒ 4. by

Question ID : **816161409**

Status : **Marked For Review**

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.

Agra's marble-marvel has such an overwhelming presence (1) \_\_\_\_\_ other monuments in the town have been relegated (2) \_\_\_\_\_ oblivion. Amongst such 60 odd monuments in (3) \_\_\_\_\_ town, the Red Taj is the most (4) \_\_\_\_\_ and relatively well-preserved. The tomb in red sandstone was (5) \_\_\_\_\_ by Ann Hessing, widow of a Dutch officer, after his death in 1803.

**SubQuestion No : 9**

**Q.9** Select the correct option to fill in blank 3.

- Ans ☒ 1. the  
☐ 2. a  
☐ 3. an  
☐ 4. their

Question ID : **816161410**

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.

Agra's marble-marvel has such an overwhelming presence (1) \_\_\_\_\_ other monuments in the town have been relegated (2) \_\_\_\_\_ oblivion. Amongst such 60 odd monuments in (3) \_\_\_\_\_ town, the Red Taj is the most (4) \_\_\_\_\_ and relatively well-preserved. The tomb in red sandstone was (5) \_\_\_\_\_ by Ann Hessing, widow of a Dutch officer, after his death in 1803.

**SubQuestion No : 10**

**Q.10** Select the correct option to fill in blank 4.

- Ans ☒ 1. elegant  
☐ 2. adequate  
☐ 3. active  
☐ 4. efficient

Question ID : **816161411**

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.

Agra's marble-marvel has such an overwhelming presence (1) \_\_\_\_\_ other monuments in the town have been relegated (2) \_\_\_\_\_ oblivion. Amongst such 60 odd monuments in (3) \_\_\_\_\_ town, the Red Taj is the most (4) \_\_\_\_\_ and relatively well-preserved. The tomb in red sandstone was (5) \_\_\_\_\_ by Ann Hessing, widow of a Dutch officer, after his death in 1803.

**SubQuestion No : 11**

**Q.11** Select the correct option to fill in blank 5.

- Ans
- ☒ 1. building
  - ☒ 2. to build
  - ☒ 3. built
  - ☒ 4. build

Question ID : 816161412

Status : **Answered**

Chosen Option : 3

**Q.12** In the sentence identify the segment which contains the grammatical error.

The both children go to the same school.

- Ans
- ☒ 1. The both
  - ☒ 2. children go
  - ☒ 3. to the
  - ☒ 4. same school

Question ID : 816161401

Status : **Not Answered**

Chosen Option : --

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

**CORDIAL**

- Ans
- ☒ 1. rude
  - ☒ 2. cold
  - ☒ 3. hard
  - ☒ 4. warm

Question ID : 816161415

Status : **Marked For Review**

Chosen Option : 4

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

DISHEARTENED

- Ans ☒ 1. depressed  
☒ 2. disgusted  
☒ 3. disgraced  
☒ 4. disliked

Question ID : 816161416

Status : Marked For Review

Chosen Option : 1

Q.15 Select the correct indirect form of the given sentence.

Mahesh said to Rita, "Don't play in the sun."

- Ans ☒ 1. Mahesh advised Rita not to play in the sun.  
☒ 2. Mahesh told to Rita to not play in the sun.  
☒ 3. Mahesh requested Rita that don't play in the sun.  
☒ 4. Mahesh ordered Rita that not play in the sun.

Question ID : 816161404

Status : Answered

Chosen Option : 1

Q.16 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

If they will get married, they will probably settle in Mumbai.

- Ans ☒ 1. If they will be getting married  
☒ 2. If they get married  
☒ 3. If they had got married  
☒ 4. No improvement

Question ID : 816161406

Status : Answered

Chosen Option : 2

Q.17 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

They stopped to laugh as soon as the teacher entered the classroom.

- Ans ☒ 1. stop laughing  
☒ 2. stopped laughing  
☒ 3. No improvement  
☒ 4. stopped laugh

Question ID : 816161405

Status : Answered

Chosen Option : 2

Q.18 Select the most appropriate one word substitution for the given group of words.

Pertaining to an individual from birth

- Ans ☒ 1. Congenital  
☐ 2. Habitual  
☐ 3. Chronic  
☐ 4. Anomaly

Question ID : 816161422

Status : Marked For Review

Chosen Option : 3

Q.19 Select the INCORRECTLY spelt word.

- Ans ☐ 1. Monarch  
☐ 2. Rebel  
☒ 3. Delegait  
☐ 4. Edible

Question ID : 816161423

Status : Answered

Chosen Option : 3

Q.20 Select the INCORRECTLY spelt word.

- Ans ☐ 1. Opportunity  
☒ 2. Omission  
☐ 3. Obscure  
☐ 4. Obsolete

Question ID : 816161424

Status : Answered

Chosen Option : 2

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

- A. These are generated by a violent undersea disturbance or ocean activity.  
B. Once generated, they travel outward on the ocean surface in all directions.  
C. A tsunami is made up of a series of very long waves.  
D. Spreading thus, they look like ripples caused by throwing a rock in a pond.

- Ans ☐ 1. BDCA  
☐ 2. BADC  
☒ 3. CABD  
☐ 4. CBDA

Question ID : 816161413

Status : Answered

Chosen Option : 3



Q.22 Select the most appropriate meaning of the given idiom.

See eye to eye

- Ans
- ☒ 1. Be suspicious
  - ☒ 2. Agree with someone
  - ☒ 3. Stare at someone
  - ☒ 4. See clearly

Question ID : 816161419

Status : Not Answered

Chosen Option : --

Q.23 Select the most appropriate option to fill in the blank.

Have you \_\_\_\_\_ for a job in this company?

- Ans
- ☒ 1. approved
  - ☒ 2. applied
  - ☒ 3. supplied
  - ☒ 4. appointed

Question ID : 816161425

Status : Answered

Chosen Option : 2

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

HASTE

- Ans
- ☒ 1. Lose
  - ☒ 2. Rush
  - ☒ 3. Dash
  - ☒ 4. Delay

Question ID : 816161417

Status : Answered

Chosen Option : 4

Q.25 Select the most appropriate one word substitution for the given group of words.

To increase the speed

- Ans
- ☒ 1. Accelerate
  - ☒ 2. Activate
  - ☒ 3. Exhilarate
  - ☒ 4. Assimilate

Question ID : 816161421

Status : Answered

Chosen Option : 1