





## CGLE- Combined Graduate Level Tier-I, 2018 Examination

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Test Venue	iON Digital Zone iDZ 2 Sector 62
Test Time	10:00 AM - 11:00 AM
Test Date	10/06/2019

### Section : General Intelligence and Reasoning

**Q.1** Select the set in which the numbers are related in the same way as are the numbers of the following set.

(17, 12, 7)

- Ans
-  1. (42, 34, 27)
  -  2. (23, 32, 39)
  -  3. (15, 19, 23)
  -  4. (39, 28, 19)


Question ID : 98958013763

Status : Answered

Chosen Option : 4

**Q.2** Select the set in which the numbers are related in the same way as are the numbers of the following set.

(5, 24, 7)

- Ans
-  1. (8, 80, 12)
  -  2. (10, 71, 13)
  -  3. (9, 63, 14)
  -  4. (6, 75, 11)

Question ID : 98958013764



Status : Answered

Chosen Option : 1





**Q.3**

Arrange the following words in a logical and meaningful order.





1. Child
2. Marriage
3. Infant
4. Employment
5. Education

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

Question ID : 98958013750  
Status : Answered  
Chosen Option : 2

Q.4 'Geology' is related to 'Rocks' in the same way as 'Cytology' is related to '\_\_\_\_\_'.  
Ans  1. Organism  
 2. Cells  
 3. Plants  
 4. Life

Question ID : 98958013753  
Status : Answered  
Chosen Option : 2

Q.5 Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.  
Barter : Commodities  
Ans  1. Treat : Disease  
 2. Debate : Discussion  
 3. Movement: Traffic  
 4. Correspond : Letters

Question ID : 98958013754  
Status : Answered  
Chosen Option : 4

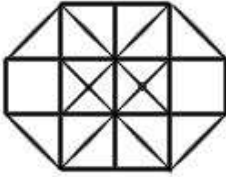
Q.6

Select the figure in which the given figure is embedded.

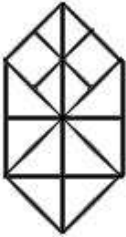


Ans

✓ 1.



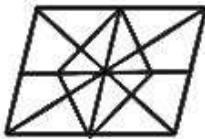
✗ 2.



✗ 3.



✗ 4.



Question ID : 98958013770

Status : Answered

Chosen Option : 1

**Q.7** The average of 9 numbers is 40. If the average of the first five numbers is 38 and that of the last five is 50, then what is the fifth number?

Ans

✗ 1. 90

✗ 2. 84

✗ 3. 78

✓ 4. 80

Question ID : 98958013766

Status : Answered

Chosen Option : 4

**Q.8** Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest.

Ans

✓ 1. 953

✗ 2. 523

✗ 3. 312

✗ 4. 734

Question ID : 98958013762

Status : Answered

Chosen Option : 1

**Q.9** Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

DGIL : WTRO :: FHKM : ?

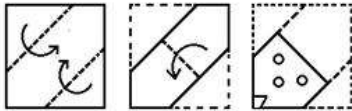
- Ans**
- ☒ 1. USPN
  - ☐ 2. TRON
  - ☐ 3. QPLJ
  - ☐ 4. WTSP

Question ID : 98958013749

Status : Answered

Chosen Option : 1

**Q.10** A square paper is folded and cut as shown below. How will it appear when unfolded?



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

Question ID : 98958013772

Status : Answered

Chosen Option : 2

**Q.11** If HEAD is coded as 37 and BANK is coded as 57, then how will KITE be coded as?

- Ans**
- ☐ 1. 87
  - ☒ 2. 91
  - ☐ 3. 69

 4. 76

Question ID : 98958013756


Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.12 Which two signs should be interchanged in the following equation to make it correct?

$$24 - 12 \div 4 + 8 \times 2 = 11$$

Ans  1. + and  $\times$

 2. - and  $\div$

 3. + and -

 4. + and  $\div$

Question ID : 98958013765

Status : Answered

Chosen Option : 3

Q.13 Which number will replace the question mark (?) in the following series?

16, 24, 36, ?, 81

Ans  1. 54

 2. 52

 3. 61

 4. 58

Question ID : 98958013760

Status : Not Attempted and  
Marked For Review

Chosen Option : --


Q.14 Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.

24 : 56

Ans  1. 18 : 48

 2. 12 : 36

 3. 9 : 21


 4. 15 : 40

Question ID : 98958013761

Status : Not Answered

Chosen Option : --

Q.15 In a code language, PASTEUR is coded as TPRUASE. How would SEVENTY be coded in that language?

Ans  1. ENVETYS

 2. NSYTEVN

✗ 3. ESYETNV

✓ 4. ESYTEVN

Question ID : 98958013755

Status : Answered

Chosen Option : 4

**Q.16** In a family of seven persons, B is the brother of A and the son of C. D is the son-in-law of C, who has two grandchildren, E and F. A is the mother of F, who is the niece of G. E is the son of G. If C has two children, how is E related D?

**Ans** ✗ 1. Brother-in-law

✗ 2. Son

✗ 3. Cousin

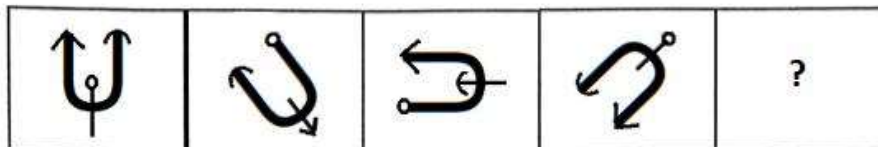
✓ 4. Nephew

Question ID : 98958013758

Status : Answered

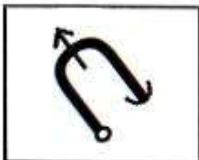
Chosen Option : 4

**Q.17** Select the figure that will come next in the following figure series.

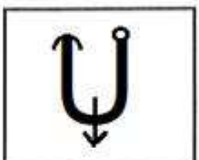


**Ans**

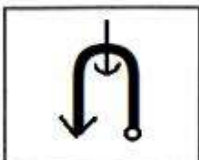
✗ 1.



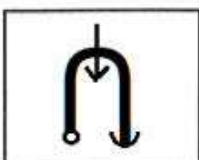
✗ 2.



✗ 3.



✓ 4.

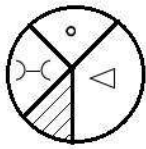


Question ID : 98958013767

Status : Answered

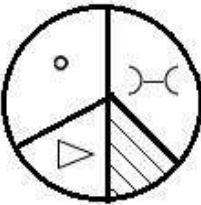
Chosen Option : 4

**Q.18** Select the mirror image of the given figure when the mirror is placed to the right of the figure.

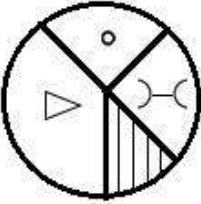


Ans

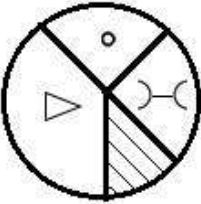
✗ 1.



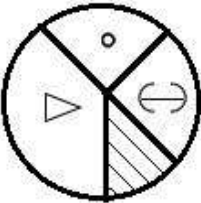
✗ 2.



✓ 3.



✗ 4.

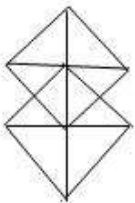


Question ID : 98958013771

Status : Answered

Chosen Option : 3

**Q.19** How many triangles are there in the following figure?



Ans

✗ 1. 14

✗ 2. 24

✓ 3. 22

✗ 4. 18

Question ID : 98958013768

Status : Answered

Chosen Option : 3

**Q.20** Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

- Ans** ☒ 1. Steal  
☐ 2. Hinder  
☐ 3. Impede  
☐ 4. Arrest

Question ID : 98958013752  
Status : Not Answered  
Chosen Option : --

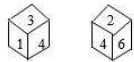
**Q.21** Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

ca\_bab\_ad\_ab\_ad\_ab

- Ans** ☐ 1. bcdcb  
☐ 2. cdbcd  
☒ 3. dcbbc  
☐ 4. dcabc

Question ID : 98958013757  
Status : Answered  
Chosen Option : 3

**Q.22** Two different positions of the same dice are shown. Which number will be at the top if 5 is at the bottom?



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

Question ID : 98958013769  
Status : Answered  
Chosen Option : 2

**Q.23** Two statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some carpenters are technicians.

All technicians are mechanics.

**Conclusions:**

- I. Some carpenters are mechanics.  
II. Some mechanics are technicians.  
III. All carpenters are mechanics.



- Ans
- ☒ 1. None of the conclusions follows
  - ☒ 2. Only conclusion I follows
  - ☒ 3. Only conclusions I and II follow
  - ☒ 4. Only conclusions II and III follow

Question ID : 98958013759  
Status : Answered  
Chosen Option : 3

**Q.24** Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

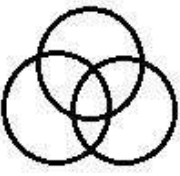
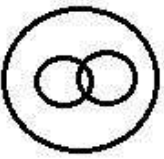
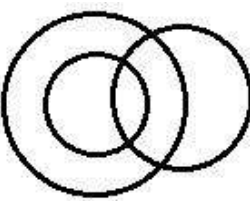
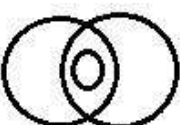
- Ans
- ☒ 1. MLKP
  - ☒ 2. TSRN
  - ☒ 3. X VWZ
  - ☒ 4. DCBZ

Question ID : 98958013751  
Status : Not Answered  
Chosen Option : --

**Q.25** Select the Venn diagram that best illustrates the relationship between the following classes.

Indians, Females, Voters

Ans

- ☒ 1. 
- ☒ 2. 
- ☒ 3. 
- ☒ 4. 

Question ID : 98958013773  
Status : Answered  
Chosen Option : 1

Section : General Awareness

**Q.1** In March 2019, the Central Board of Secondary Education (CBSE) announced the introduction of skill subjects in the school curriculum for the academic session 2019-

20. Which of the following is NOT one of them?

- Ans ☒ 1. Spiritual Enhancement  
☐ 2. Artificial Intelligence (AI)  
☐ 3. Yoga  
☐ 4. Early Childhood Care Education (ECCE)

Question ID : 98958014372  
Status : Not Answered  
Chosen Option : --

Q.2 One of the prominent Buddhist structures in India, \_\_\_\_ Stupa at Sarnath was constructed by the great Mauryan king, Ashoka.

- Ans ☐ 1. Dhauli  
☒ 2. Dhamekh  
☐ 3. Bharhut  
☐ 4. Lalitgiri

Question ID : 98958014350  
Status : Not Answered  
Chosen Option : --

Q.3 Which of the following elements is an actinide?

- Ans ☐ 1. Ytterbium  
☐ 2. Lutetium  
☒ 3. Curium  
☐ 4. Erbium

Question ID : 98958014355  
Status : Not Answered  
Chosen Option : --

Q.4 Law of octaves says that if the chemical elements are arranged according to increasing atomic weight, those with similar physical and chemical properties occur after each interval of \_\_\_\_ elements.

- Ans ☐ 1. 10  
☐ 2. 5  
☒ 3. 7  
☐ 4. 9

Question ID : 98958014354  
Status : Answered  
Chosen Option : 3

Q.5 A situation where the expenditure of the government exceeds its revenue is called \_\_\_\_.

- Ans ☐ 1. Default Financing  
☐ 2. Deficit Revenue  
☒ 3. Budget Deficit  
☐ 4. Default Revenue

Question ID : **98958014351**  
Status : **Answered**  
Chosen Option : **3**

**Q.6 The Global Business Summit, launched on 15 January 2015, is a flagship initiative of the \_\_\_\_\_ Group.**

- Ans
- ☒ 1. Economist
  - ☒ 2. Bhaskar
  - ☒ 3. Times
  - ☒ 4. Dutch

Question ID : **98958014352**  
Status : **Answered**  
Chosen Option : **3**

**Q.7 Special Olympics, held every \_\_\_\_\_ years, is a global movement of people creating a new world of inclusion, where every single person is accepted and welcomed, regardless of their ability or disability.**

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

Question ID : **98958014369**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.8 The power to summon the Houses of the Parliament is vested with the \_\_\_\_\_.**

- Ans
- ☒ 1. Prime Minister
  - ☒ 2. Speaker
  - ☒ 3. Vice President
  - ☒ 4. President

Question ID : **98958014367**  
Status : **Answered**  
Chosen Option : **4**

**Q.9 Superstats, a new platform to analyse the game of cricket, comprises of three metrics. Which of the following is NOT one of them?**

- Ans
- ☒ 1. Score Index
  - ☒ 2. Luck Index
  - ☒ 3. Smart Stats
  - ☒ 4. Forecaster

Question ID : **98958014370**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.10 In February 2019, Flight Lieutenant \_\_\_\_\_ created history by becoming the first Indian woman flight engineer.**

- Ans
- ☒ 1. Mohana Singh
  - ☒ 2. Hina Jaiswal
  - ☒ 3. Bhawana Seth
  - ☒ 4. Anjali Gupta

Question ID : 98958014371  
Status : Answered  
Chosen Option : 2

Q.11 Safdarjung's tomb, set in the middle of a garden, was built by Nawab Shuja-ud-Daulah in \_\_\_\_\_

- Ans
- ☒ 1. Uttar Pradesh
  - ☒ 2. Uttarakhand
  - ☒ 3. Delhi
  - ☒ 4. Bihar

Question ID : 98958014349  
Status : Answered  
Chosen Option : 3

Q.12 \_\_\_\_\_ married Mehr-un-Nisa whom he gave the title of 'Nur Jahan' (light of the world).

- Ans
- ☒ 1. Shah Jahan
  - ☒ 2. Aurangzeb
  - ☒ 3. Akbar
  - ☒ 4. Jahangir

Question ID : 98958014364  
Status : Answered  
Chosen Option : 4

Q.13 Which of the following elements is a lanthanide?

- Ans
- ☒ 1. Actinium
  - ☒ 2. Francium
  - ☒ 3. Cerium
  - ☒ 4. Polonium

Question ID : 98958014357  
Status : Not Answered  
Chosen Option : --

Q.14 \_\_\_\_\_ pass connects Uttarakhand and Tibet and is situated in the north of Gangotri.

- Ans
- ☒ 1. Zoji La
  - ☒ 2. Bara Lacha La
  - ☒ 3. Shipki La
  - ☒ 4. Muling La

Question ID : 98958014358  
Status : Not Answered

Chosen Option : --

**Q.15 The Parliament of India consists of \_\_\_\_.**

- Ans ☒ 1. President, House of the People and Council of States
- ☐ 2. House of the People
- ☐ 3. House of the People and Council of States
- ☐ 4. Council of States

Question ID : 98958014368

Status : Answered

Chosen Option : 1

**Q.16 In his periodic table, Mendeleev could NOT assign a correct position to \_\_\_\_.**

- Ans ☐ 1. Oxygen
- ☐ 2. Carbon
- ☐ 3. Nitrogen
- ☒ 4. Hydrogen

Question ID : 98958014353

Status : Not Answered

Chosen Option : --

**Q.17 A nautical mile is equal to \_\_\_\_.**

- Ans ☐ 1. 2000 metres
- ☒ 2. 1852 metres
- ☐ 3. 1672 metres
- ☐ 4. 2450 metres

Question ID : 98958014359

Status : Not Answered

Chosen Option : --

**Q.18 \_\_\_\_\_, activist-journalist from Karnataka, who was shot dead in September 2017, was posthumously conferred the Anna Politkovskaya Award 2017.**

- Ans ☒ 1. Gauri Lankesh
- ☐ 2. Naveen Gupta
- ☐ 3. Sudip Dutta Bhaumik
- ☐ 4. Sayed Mehdi

Question ID : 98958014365

Status : Answered

Chosen Option : 1

**Q.19 \_\_\_\_\_ Strait separates the islands of Java (east) and Sumatra.**

- Ans ☒ 1. Sunda
- ☐ 2. Yucatan
- ☐ 3. Malacca
- ☐ 4. Cook

Question ID : 98958014360  
Status : Answered  
Chosen Option : 3

Q.20 \_\_\_\_ died in 1605, nearly 50 years after his ascension to the throne. He was buried outside of Agra at Sikandra.

- Ans ☒ 1. Akbar  
☒ 2. Aurangzeb  
☒ 3. Shah Jahan  
☒ 4. Jahangir

Question ID : 98958014363  
Status : Answered  
Chosen Option : 1

Q.21 Swaroop Rawal, an Indian teacher at Lavad Primary School in \_\_\_\_ was in the running for the prestigious Global Teacher Prize 2019 which honours the world's best teacher.

- Ans ☒ 1. Gujarat  
☒ 2. Maharashtra  
☒ 3. Kerala  
☒ 4. Tamil Nadu

Question ID : 98958014373  
Status : Not Answered  
Chosen Option : --

Q.22 \_\_\_\_ has been called the "architect king" as during his reign, the world witnessed a unique development of arts and culture of the Mughal Empire.

- Ans ☒ 1. Shah Jahan  
☒ 2. Jahangir  
☒ 3. Aurangzeb  
☒ 4. Akbar

Question ID : 98958014362  
Status : Answered  
Chosen Option : 1

Q.23 It was under the reign of \_\_\_\_ that the Mughal Empire reached its peak in matter of area.

- Ans ☒ 1. Jahangir  
☒ 2. Aurangzeb  
☒ 3. Shah Jahan  
☒ 4. Akbar

Question ID : 98958014361  
Status : Not Answered  
Chosen Option : --

Q.24 Who among the following gave the 'Law of Octaves'?

- Ans ☒ 1. Lavoisier

 2. Mendeleev

 3. Newlands

 4. Dobereiner

Question ID : 98958014356

Status : Answered

Chosen Option : 3

**Q.25** Indian origin campaigner \_\_\_\_\_ was named UK's Most Influential Black Person of the Year on 25 October 2017.

Ans  1. Priti Patel

 2. Gina Miller

 3. Jonathan Marland

 4. David Olusoga

Question ID : 98958014366

Status : Not Answered

Chosen Option : --

Section : Quantitative Aptitude

**Q.1** The table shows the production of different types of cars (in thousands).

Cars \ Year	2012	2013	2014	2015	2016
A	46	53	56	58	67
B	50	65	67	66	72
C	43	54	55	47	51
D	47	52	61	65	74
E	48	58	63	64	67

The average production of type A cars during the five years is what percent of the total production of type C cars during the five years?

Ans  1. 22.4

 2. 20.6

 3. 21.8

 4. 18.7

Question ID : 98958013373

Status : Answered

Chosen Option : 1

**Q.2** If  $4x^2 - 6x + 1 = 0$ , then the value of  $8x^3 + (8x^3)^{-1}$  is:

Ans  1. 36

 2. 13

 3. 18

 4. 11

Question ID : 98958013360

Status : Answered

Chosen Option : 3

**Q.3**

The table shows the production of different types of cars (in thousands).

Cars \ Year	2012	2013	2014	2015	2016
A	46	53	56	58	67
B	50	65	67	66	72
C	43	54	55	47	51
D	47	52	61	65	74
E	48	58	63	64	67

What is the ratio of the total production of type C and D cars in 2012 to the total production of type A cars in 2014 and type E cars in 2015?

- Ans
- ☒ 1. 5 : 6
  - ☒ 2. 9 : 11
  - ☒ 3. 3 : 4
  - ☒ 4. 11 : 12

Question ID : 98958013370

Status : Answered

Chosen Option : 3

**Q.4** The average of twelve numbers is 55.5. The average of the first four numbers is 53.4 and that of the next four numbers is 54.6. The 10<sup>th</sup> number is greater than the 9<sup>th</sup> number by 3 but lesser than the 11<sup>th</sup> and 12<sup>th</sup> numbers by 2 and 3, respectively. What is the average of the 10<sup>th</sup> and the 12<sup>th</sup> numbers?

- Ans
- ☒ 1. 59.5
  - ☒ 2. 58
  - ☒ 3. 57.5
  - ☒ 4. 56

Question ID : 98958013351

Status : Answered

Chosen Option : 1

**Q.5** The table shows the production of different types of cars (in thousands).

Cars \ Year	2012	2013	2014	2015	2016
A	46	53	56	58	67
B	50	65	67	66	72
C	43	54	55	47	51
D	47	52	61	65	74
E	48	58	63	64	67

The total production of type B cars in 2015 and type D cars 2016 is what percent less than the total production of type E cars in five years?

- Ans
- ☒ 1.  $50\frac{1}{3}$
  - ☒ 2.  $52\frac{2}{3}$
  - ☒ 3.  $46\frac{2}{3}$
  - ☒ 4.  $53\frac{1}{3}$

Question ID : 98958013372

Status : Answered

Chosen Option : 4

**Q.6** The speed of train A is 25 km/h more than the speed of train B. A takes 4 hours less time to travel a distance of 300 km than what train B takes to travel 250 km. what is the speed (in km/h) of A ?

Ans



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

Question ID : 98958013358  
Status : Answered  
Chosen Option : 2

**Q.7** A circle touches the side PQ of a  $\triangle APQ$  at the point R and sides AP and AQ produced at the points B and C, respectively. If the perimeter of  $\triangle APQ = 30$  cm, then the length of AB is:

- Ans ☒ 1. 20 cm  
☒ 2. 10 cm  
☒ 3. 12 cm  
☒ 4. 15 cm

Question ID : 98958013363  
Status : Not Answered  
Chosen Option : --

**Q.8** The income of A is 40% more than that of B. If A got a 25% rise in his income and B got a 40% rise in his income, then the percentage increase in the combined incomes of A and B is:

- Ans ☒ 1. 31.25  
☒ 2. 34.5  
☒ 3. 28.25  
☒ 4. 24.5

Question ID : 98958013353  
Status : Answered  
Chosen Option : 1

**Q.9** A sum of ₹12,000 amounts to ₹20,736 in 3 years at a certain rate percent per annum, interest compounded annually. What will amount of the same sum to in 2 years at the same rate on compound interest?

- Ans ☒ 1. ₹15,640  
☒ 2. ₹17,820  
☒ 3. ₹17,280  
☒ 4. ₹14,520

Question ID : 98958013356  
Status : Answered  
Chosen Option : 3

**Q.10** The marked price of an article is ₹550. A shopkeeper allows a discount of 20% and still gets a profit of 10%. If he sells it for ₹470, his profit percent will be:

- Ans ☒ 1. 16.8  
☒ 2. 18  
☒ 3. 17.5  
☒ 4. 16

Question ID : 98958013352

Status : Answered

Chosen Option : 3

Q.11 The value of  $\frac{3}{4} \times 2\frac{2}{3} \div \frac{5}{9}$  of  $1\frac{1}{5} + \frac{2}{23} \times 3\frac{5}{6} \div \frac{2}{7}$  of  $2\frac{1}{3}$  is:

Ans

☐ 1.  $1\frac{5}{6}$

☐ 2.  $1\frac{2}{3}$

☒ 3.  $3\frac{1}{2}$

☐ 4.  $4\frac{5}{6}$

Question ID : 98958013350

Status : Not Answered

Chosen Option : --

Q.12 In a  $\Delta ABC$ , right angled at B,  $AB = 7$  cm and  $(AC - BC) = 1$  cm. The value of  $(\sec C + \cot A)$  is:

Ans

☐ 1.  $\frac{19}{24}$

☒ 2.  $\frac{4}{3}$

☐ 3.  $\frac{3}{4}$

☐ 4. 1

Question ID : 98958013368

Status : Answered

Chosen Option : 2

Q.13 The curved surface area and the volume of a cylinder are  $264 \text{ cm}^2$  and  $924 \text{ cm}^3$ , respectively. What is the ratio of its radius to height? (Take  $\pi = \frac{22}{7}$ )

Ans

☐ 1. 4 : 3

☐ 2. 5 : 4

☒ 3. 7 : 6

☐ 4. 3 : 2

Question ID : 98958013359

Status : Answered

Chosen Option : 3


Q.14 The ratio of the efficiencies of A, B and C, to do a certain work is 7 : 3 : 5. Working together, they can complete the work in 21 days. A and C worked together for 15 days. The remaining work will be completed by B alone in:

Ans

☐ 1. 54 days

☒ 2. 45 days

☐ 3. 60 days

 4. 63 days

Question ID : 98958013357

Status : Answered

Chosen Option : 2

**Q.15** The table shows the production of different types of cars (in thousands).

Cars \ Year	2012	2013	2014	2015	2016
A	46	53	56	58	67
B	50	65	67	66	72
C	43	54	55	47	51
D	47	52	61	65	74
E	48	58	63	64	67

If the data related to the production of type B cars is represented by a pie chart, then the central angle of the sector representing the production of cars in 2016 is:





- Ans  1.  $56^\circ$   
 2.  $81^\circ$   
 3.  $75^\circ$   
 4.  $73^\circ$

Question ID : 98958013371

Status : Not Answered

Chosen Option : --

**Q.16** A bought an article for ₹5,400 and sold it at a loss of 30%. With this amount, he bought another article and sold it at a gain of 60%. What was his overall percentage gain or percentage loss?

- Ans  1. Gain, 1.2%  
 2. Gain, 12%  
 3. Loss, 12%  
 4. Loss, 1.2%

Question ID : 98958013354

Status : Answered

Chosen Option : 2

**Q.17** In  $\Delta PQR$ ,  $QT \perp PR$  and S is a point on QR such that  $\angle PSQ = p^\circ$ . If  $\angle TQR = 46^\circ$  and  $\angle SPR = 32^\circ$ , then the value of p is:

- Ans  1.  $78^\circ$   
 2.  $82^\circ$   
 3.  $76^\circ$   
 4.  $72^\circ$

Question ID : 98958013365

Status : Answered

Chosen Option : 3

**Q.18** If  $3\sin\theta = 2\cos^2\theta$ ,  $0^\circ < \theta < 90^\circ$ , then the value of  $(\tan^2\theta + \sec^2\theta - \operatorname{cosec}^2\theta)$  is:

- Ans  1. -2

✓ 2.  $-\frac{7}{3}$

✗ 3.  $\frac{7}{3}$

✗ 4. 2

Question ID : 98958013367

Status : Answered

Chosen Option : 2

Q.19 If  $\frac{\tan\theta + \sin\theta}{\tan\theta - \sin\theta} = \frac{k+1}{k-1}$ , then  $k = ?$

Ans ✗ 1.  $\operatorname{cosec}\theta$

✓ 2.  $\sec\theta$

✗ 3.  $\cos\theta$

✗ 4.  $\sin\theta$

Question ID : 98958013369

Status : Answered

Chosen Option : 2

Q.20 If  $x + y + z = 0$ , then the value of  $(x^2 + y^2 + z^2) \div (z^2 - xy)$  is:

Ans ✗ 1. 1

✓ 2. 2

✗ 3. -2

✗ 4. -1

Question ID : 98958013362

Status : Answered

Chosen Option : 2

Q.21 What is the ratio of the mean proportional between 4.8 and 10.8 and the third proportional to 0.4 and 2.4?

Ans ✗ 1. 2 : 1

✗ 2. 3 : 2

✓ 3. 1 : 2

✗ 4. 2 : 3

Question ID : 98958013355

Status : Answered

Chosen Option : 1

Q.22 In  $\triangle ADC$ , E and B are the points on the sides AD and AC respectively such that  $\angle ABE = \angle ADC$ . If AE = 6 cm, BC = 2 cm, BE = 3 cm and CD = 5 cm, then (AB + DE) is equal to:

Ans ✗ 1. 14 cm

✗ 2. 16 cm

✗ 3.  $\frac{49}{3}$  cm

✓ 4.  $\frac{46}{3}$  cm

Question ID : 98958013366

Status : Answered

Chosen Option : 4

**Q.23** Let O be the centre of a circle and AC be its diameter. BD is a chord intersecting AC at E. Point A is joined to B and D.  
If  $\angle BOC = 50^\circ$  and  $\angle AOD = 110^\circ$ , then  $\angle BEC = ?$

- Ans
- ✓ 1.  $80^\circ$
  - ✗ 2.  $70^\circ$
  - ✗ 3.  $55^\circ$
  - ✗ 4.  $90^\circ$

Question ID : 98958013364

Status : Not Answered

Chosen Option : --

**Q.24** If  $a^2 + b^2 + c^2 + 27 = 6(a + b + c)$ , then what is the value of  $\sqrt[3]{a^3 + b^3 + c^3}$ ?

- Ans
- ✓ 1. 3
  - ✗ 2. 1
  - ✗ 3. 9
  - ✗ 4. 6

Question ID : 98958013361

Status : Answered

Chosen Option : 1

**Q.25** If an 11-digit number  $5y5884805x6$ ,  $x \neq y$ , is divisible by 72, then the value of  $\sqrt{xy}$  is:

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

Question ID : 98958013349

Status : Not Answered

Chosen Option : --

## Section : English Comprehension

**Q.1** Select the correct passive form of the given sentence.

The enemy will have seized the fort before nightfall.

- Ans
- ✗ 1. The fort would have been seized by the enemy before nightfall.
  - ✗ 2. The enemy will be seized by the fort before nightfall
  - ✓ 3. The fort will have been seized by the enemy before nightfall.
  - ✗ 4. The enemy will seize the fort before nightfall.

Question ID : 98958012644

Status : **Answered**  
Chosen Option : 3

**Q.2** Given below are four jumbled sentences. Select the option that gives their correct order.

- A. For a split second, as the stranger stepped into the light, his furry head was clearly visible.  
B. At first, all seemed still outside the house, except for the sound of the rain.  
C. Recognizing him, Joe stood petrified staring at the man wearing a long coat, wet from rain.  
D. But then, footsteps approached the house and a stranger emerged out of the darkness.

- Ans  1. CABD  
 2. BCDA  
 3. DACB  
 4. BDAC

Question ID : **98958012655**  
Status : **Answered**  
Chosen Option : 4





**Q.3** Select the most appropriate antonym of the given word.

**NOTORIOUS**

- Ans  1. famous  
 2. vicious  
 3. infamous  
 4. disgraceful

Question ID : **98958012658**  
Status : **Not Answered**  
Chosen Option : --





**Q.4** Select the correctly spelt word.

- Ans  1. maintenance  
 2. mentainance  
 3. maintenence  
 4. maintainence

Question ID : **98958012664**  
Status : **Answered**  
Chosen Option : 1

**Q.5** Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

Though many European traders visit Puducherry in the sixteenth century onwards, what remains today is a relic of its French past.

- Ans  1. No improvement  
 2. traders visited Puducherry in a sixteenth century onward  
 3. traders visited Puducherry from the sixteenth century onwards  
 4. trader visit Puducherry from the sixteenth century onwards

Question ID : 98958012646

Status : Answered

Chosen Option : 3

Q.6 Select the most appropriate antonym of the given word.

SACRED

- Ans
- ☒ 1. perpetual
  - ☒ 2. pious
  - ☒ 3. profane
  - ☒ 4. profound

Question ID : 98958012659

Status : Answered

Chosen Option : 3

Q.7 Select the most appropriate meaning of the underlined idiom in the given sentence.

It is unfortunate that most people in the country are still living from hand to mouth.

- Ans
- ☒ 1. consuming daily what little is earned
  - ☒ 2. saving for the future generations
  - ☒ 3. doing manual labour
  - ☒ 4. earning wealth by selfish means

Question ID : 98958012660

Status : Answered

Chosen Option : 1

Q.8 Select the most appropriate meaning of the underlined idiom in the given sentence.

The loyal watchman was cut to the quick when he was accused of theft.

- Ans
- ☒ 1. imprisoned
  - ☒ 2. severely punished
  - ☒ 3. hurt intensely
  - ☒ 4. dismissed

Question ID : 98958012661

Status : Answered

Chosen Option : 4

Q.9 In the sentence identify the segment which contains the grammatical error.

Most disputes can be solved amicably unless one are not rigid.

- Ans
- ☒ 1. Most disputes
  - ☒ 2. can be solved amicably
  - ☒ 3. unless one are
  - ☒ 4. not rigid





Question ID : 98958012642

Status : Answered

Chosen Option : 3

**Q.10 Select the correct active form of the given sentence.**

**She was seen sitting in the last row.**

- Ans  1. We see her sitting in the last row.
-  2. We saw her sitting in the last row.
-  3. We had seen her sitting in the last row.
-  4. We have seen her sitting in the last row.

Question ID : 98958012645

Status : Answered

Chosen Option : 2

**Q.11 Select the word which means the same as the group of words given.**

**One who is indifferent to art and culture**

- Ans  1. cynic
-  2. scientist
-  3. philanderer
-  4. philistine





Question ID : 98958012663

Status : Answered

Chosen Option : 1

**Q.12 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.**

**The India consensus study highlight a benefits by adding domestic violence prevention approaches to current government policy.**

- Ans  1. highlight the benefits from added
-  2. highlight a benefit in addition
-  3. No improvement
-  4. highlights the benefits of adding

Question ID : 98958012647

Status : Answered

Chosen Option : 4

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

**One who embraces voluntary death for the sake of one's country**

- Ans  1. fanatic
-  2. martyr
-  3. patriot
-  4. diplomat

Question ID : 98958012662

Status : Answered

Chosen Option : 2

**Q.14 Given below are four jumbled sentences. Select the option that gives their correct order.**

**A. The students often go about their business, singing along in the corridors.**



B. But for the students of St. Ambrose High School, it no longer dictates their day.  
C. A bell can sound gloomy or cheerful depending on when it is rung.  
D. It has been scrapped in favour of music which now breaks up the timetable of the school .

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

Question ID : 98958012654  
Status : Answered  
Chosen Option : 4

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

**PRECARIOUS**

- Ans
- ☒ 1. abundant
  - ☒ 2. dangerous
  - ☒ 3. valuable
  - ☒ 4. premature

Question ID : 98958012657  
Status : Answered  
Chosen Option : 2

Q.16 Select the most appropriate synonym of the given word.

**STERILE**

- Ans
- ☒ 1. pure
  - ☒ 2. productive
  - ☒ 3. barren
  - ☒ 4. sordid

Question ID : 98958012656  
Status : Answered  
Chosen Option : 3

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

In the northern suburbs of Bengaluru, home to the bulk of the information technology industry, the water crisis is even worst.

- Ans
- ☒ 1. home to the bulk of
  - ☒ 2. is even worst
  - ☒ 3. the water crisis
  - ☒ 4. In the northern suburbs

Question ID : 98958012643  
Status : Not Answered  
Chosen Option : --

**Comprehension:**

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

Perhaps India should listen to her (1)\_\_\_\_\_ sages who taught the importance (2)\_\_\_\_\_ balance. This means we should be (3)\_\_\_\_\_ not to take anything too far (4)\_\_\_\_\_ be too radical. The unfortunate results of (5)\_\_\_\_\_ - too far are obvious in the environmental degradation.

**SubQuestion No : 18****Q.18 Select the most appropriate option to fill in blank No.1.**

- Ans  1. extinct  
 2. ancient  
 3. initial  
 4. antique

Question ID : 98958012649

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.

Perhaps India should listen to her (1)\_\_\_\_\_ sages who taught the importance (2)\_\_\_\_\_ balance. This means we should be (3)\_\_\_\_\_ not to take anything too far (4)\_\_\_\_\_ be too radical. The unfortunate results of (5)\_\_\_\_\_ - too far are obvious in the environmental degradation.

**SubQuestion No : 19****Q.19 Select the most appropriate option to fill in blank No.2.**

- Ans  1. for  
 2. in  
 3. of  
 4. by

Question ID : 98958012650

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.

Perhaps India should listen to her (1)\_\_\_\_\_ sages who taught the importance (2)\_\_\_\_\_ balance. This means we should be (3)\_\_\_\_\_ not to take anything too far (4)\_\_\_\_\_ be too radical. The unfortunate results of (5)\_\_\_\_\_ - too far are obvious in the environmental degradation.

**SubQuestion No : 20****Q.20 Select the most appropriate option to fill in blank No.3.**

- Ans  1. careless  
 2. careful  
 3. carefree  
 4. caretaker

Question ID : 98958012651

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.

Perhaps India should listen to her (1)\_\_\_\_\_sages who taught the importance (2)\_\_\_\_\_balance. This means we should be (3)\_\_\_\_\_not to take anything too far (4)\_\_\_\_\_be too radical. The unfortunate results of (5)\_\_\_\_\_ - too far are obvious in the environmental degradation.

**SubQuestion No : 21**

**Q.21 Select the most appropriate option to fill in blank No.4.**

- Ans
- ☒ 1. but
  - ☐ 2. otherwise
  - ☐ 3. so
  - ☒ 4. or

Question ID : 98958012652

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.

Perhaps India should listen to her (1)\_\_\_\_\_sages who taught the importance (2)\_\_\_\_\_balance. This means we should be (3)\_\_\_\_\_not to take anything too far (4)\_\_\_\_\_be too radical. The unfortunate results of (5)\_\_\_\_\_ - too far are obvious in the environmental degradation.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option to fill in blank No.5.**

- Ans
- ☒ 1. venturing
  - ☐ 2. pioneering
  - ☐ 3. climbing
  - ☐ 4. risking

Question ID : 98958012653

Status : Answered

Chosen Option : 1

**Q.23 Select the correctly spelt word.**

- Ans
- ☒ 1. adolescence
  - ☐ 2. adolesense
  - ☐ 3. adolescense
  - ☐ 4. adolescance

Question ID : 98958012665

Status : Answered

Chosen Option : 1

**Q.24 Select the most appropriate option to fill in the blank.**

She performs different roles very convincingly as she is a very \_\_\_\_\_ actor.

- Ans
- ☐ 1. virtuous
  - ☐ 2. voracious
  - ☒ 3. versatile



4. verbose

Question ID : 98958012666

Status : Answered

Chosen Option : 3

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

Charles Dickens was different in his style of writing from most of his \_\_\_\_\_ in the Victorian era.

Ans



1. contemporaries



2. cronies



3. critics



4. confidants

Question ID : 98958012667

Status : Answered

Chosen Option : 1