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

| Roll No. | WWW.QMATHS.IN |
|---|---|
| Registration No. | WWW.QMATHS.IN |
| Name | WWW.QMATHS.IN |
| Test Venue | Confinet It Solutions Pvt. Ltd |
| Test Time | 4:00 PM - 5:00 PM |
| Test Date | 06/06/2019 |

Section : **General Intelligence and Reasoning**

**Q.1** Select the word-pair in which the two words are related in the same way as the two words in the following word-pair.

Author : Book

**Ans**
✔ 1. Spider : Web
✘ 2. Reptile : Crawl
✘ 3. Mother : Son
✘ 4. Doctor : Medicine

Question ID : **98958014229**
Status : **Marked For Review**
Chosen Option : **1**

**Q.2** Select the figure in which the given figure is embedded.

**Ans**
✘ 1.
✘ 2.
✘ 3.
✔ 4.

Question ID : **98958014245**

Status : **Answered**

Chosen Option : **4**

**Q.3** Choose the set of numbers that is similar to the following set.

(6, 9, 18)

**Ans** ✔ 1. (14, 21, 42)

✘ 2. (10, 15, 35)

✘ 3. (18, 27, 56)

✘ 4. (8, 14, 24)

Question ID : **98958014238**

Status : **Answered**

Chosen Option : **1**

**Q.4** निम्नलिखित चार शब्दों में से तीन शब्द किसी प्रकार से एकसमान हैं और एक शब्द असमान है। असमान शब्द का चयन कीजिए।

**Ans** ✔ 1. मध्यांतर

✘ 2. समापन

✘ 3. अंत

✘ 4. विदाई

Question ID : **98958014227**

Status : **Answered**

Chosen Option : **1**

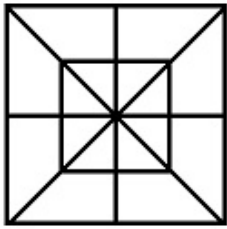**Q.5** Identify the mirror image of the following figure when the mirror is placed to the right of the figure.

**Ans**

✘ 1.

✘ 2.

✔ 3.

✘ 4.

Question ID : **98958014246**

Status : **Answered**

Chosen Option : **3**

**Q.6** How many triangles are there in the following figure?



Ans ✔ 1. 32

✗ 2. 24

✗ 3. 28

✗ 4. 36

Question ID : **98958014243**

Status : **Marked For Review**

Chosen Option : **1**

**Q.7 Select the term that will come in the place of ?**

**7, 11, 19, 31, ?, 67**

Ans ✗ 1. 45

✗ 2. 51

✗ 3. 43

✔ 4. 47

Question ID : **98958014235**

Status : **Answered**

Chosen Option : **4**

**Q.8** A letter series is given below in which some letters are missing. Select the option that gives the letters that can fill these blanks in that order.

a_ca_bab_ad_abc_db

Ans ✗ 1. bdcab

✔ 2. bdcba

✗ 3. bcdba

✗ 4. bddac

Question ID : **98958014232**

Status : **Answered**

Chosen Option : **4**

**Q.9**

Arrange the following words in a logical and meaningful order.

1. Cloud

2. Rainbow

3. Devastation

4. Rain

5. Low Pressure

6. Flood

**Ans**   ✗ 1. 5, 4, 1, 2, 3, 6

   ✗ 2. 5, 1, 2, 4, 6, 3

   ✗ 3. 1, 5, 4, 2, 6, 3

   ✔ 4. 5, 1, 4, 2, 6, 3

Question ID : **98958014225**
Status : **Answered**
Chosen Option : **4**

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**Q.10**  In a code language, SEDATIVE is coded as ATDESEVI. How would PERSONAL be coded in that language?

**Ans**   ✗ 1. OSREPLAN

   ✗ 2. SOPERLAN

   ✔ 3. SOREPLAN

   ✗ 4. SOERPANL

Question ID : **98958014230**
Status : **Answered**
Chosen Option : **3**

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**Q.11**  Select the number pair in which the two numbers are related in the same way as the two numbers of the pair given below.

35 : 6

**Ans**   ✗ 1. 85 : 9

   ✗ 2. 26 : 5

   ✗ 3. 64 : 8

   ✔ 4. 120 : 11

Question ID : **98958014236**
Status : **Answered**
Chosen Option : **4**

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**Q.12**  Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

**Ans**   ✗ 1. ABOP

   ✗ 2. EFST

✗ 3. CDQR

✔ 4. GHTV

Question ID : **98958013037**
Status : **Answered**
Chosen Option : **4**

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**Q.13** What will be the value of the following equation if '÷' means 'addition', '+' means 'subtraction', '−' means 'multiplication' and '×' means 'division'?

$$72 \times 9 - 3 \div 8 + 2 = ?$$

Ans
✗ 1. 25

✔ 2. 30
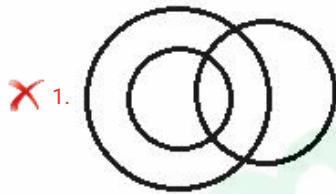
✗ 3. 40

✗ 4. 35

Question ID : **98958013043**
Status : **Answered**
Chosen Option : **2**

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**Q.14** Choose the Venn diagram that best illustrates the relationship among the following classes:

Women, Entrepreneurs, Engineers

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Question ID : **98958014248**
Status : **Answered**
Chosen Option : **3**

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**Q.15** निम्नलिखित चार शब्द युग्म में से तीन शब्द युग्म किसी प्रकार से एकसमान हैं और एक शब्द युग्म असमान है। असमान शब्द युग्म का चयन कीजिए।

Ans
✔ 1. बगीचा : करछुल

✗ 2. अध्ययन कक्ष : टेबल लैंप

✗ 3. रसोई : कड़ाही

✗ 4. बाथरूम : शावर

Question ID : **98958013039**
Status : **Answered**
Chosen Option : **1**

**Q.16** Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.
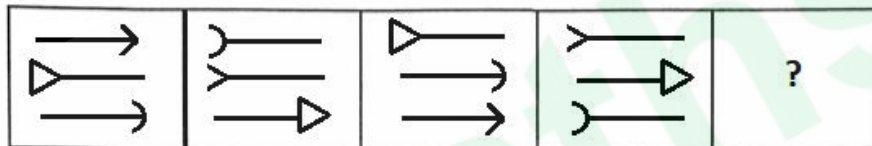
**Ans**
✗ 1. BFMQ

✗ 2. JNPS

✔ 3. DGKL

✗ 4. GKRV

Question ID : **98958014226**
Status : **Answered**
Chosen Option : **3**

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



**Ans**

✗ 1.



✗ 2.



✗ 3.



✔ 4.



Question ID : **98958014242**
Status : **Answered**
Chosen Option : **4**

**Q.18** 'Room' is related to 'Ceiling' in the same way as 'Mouth' is related to:

Ans ✗ 1. Throat

✗ 2. Lip

✔ 3. Palate

✗ 4. Teeth

Question ID : **98958014228**
Status : **Marked For Review**
Chosen Option : **3**

**Q.19** Find the next number in the given series.

3, 13, 31, ?, 91

Ans ✗ 1. 48

✗ 2. 63

✗ 3. 69

✔ 4. 57

Question ID : **98958013041**
Status : **Answered**
Chosen Option : **4**

**Q.20** In a code language if VERY is written as UDQX, then in the same language how will you write the word URGENT?

Ans ✗ 1. TMSQFD

✗ 2. MSQTFD

✗ 3. QFDTMS

✔ 4. TQFDMS

Question ID : **98958013040**
Status : **Answered**
Chosen Option : **4**

**Q.21** 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.

CDAF : XWZU :: DEFC : ?

Ans ✗ 1. VWXU

✔ 2. WVUX

✗ 3. WVXU

✗ 4. XWYV

Question ID : **98958014224**
Status : **Answered**
Chosen Option : **2**

**Q.22**

Select the option that is related to the third term in the same way as the second term is related to the first term.
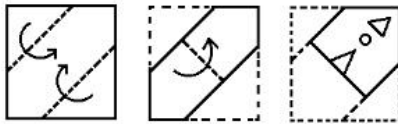
LAMP : PALM :: MALE : _____

**Ans**
✗ 1. MEAL

✗ 2. ELAM

✔ 3. EAML

✗ 4. LAME

Question ID : **98958013038**
Status : **Answered**
Chosen Option : **3**

**Q.23** A square paper is folded and cut as shown below. How will it appear when unfolded?



**Ans**

✔ 1. 

✗ 2. 

✗ 3. 

✗ 4. 

Question ID : **98958014247**
Status : **Marked For Review**
Chosen Option : **3**

**Q.24** Two statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real-world knowledge, decide which of the conclusion(s) logically follow/s from the statements.

**Statements:**

All ponds are pools.

Some wells are ponds.

**Conclusions:**

I.   Some ponds are not wells.

II.  Some wells are pools.

III. All pools are wells.

Ans  ✗ 1. Only conclusion I follows

✓ 2. Only conclusion II follows

✗ 3. None of the conclusions follow

✗ 4. Only conclusion III follows

Question ID : **98958014234**
Status : **Answered**
Chosen Option : **2**

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**Q.25** Two rotated positions of a dice are given below. Which number will be at the top if the number 1 is on the bottom of the dice?



Ans  ✗ 1. 2

✗ 2. 6

✓ 3. 3

✗ 4. 5

Question ID : **98958014244**
Status : **Answered**
Chosen Option : **3**

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Section : **General Awareness**

**Q.1** The _____ was a group of seven Members of Parliament from the United Kingdom, constituted to suggest constitutional reforms for British India.

Ans  ✗ 1. Fraser Commission

✗ 2. Hunter Commission

✗ 3. Sargent Commission

✓ 4. Simon Commission

Question ID : **98958014289**
Status : **Marked For Review**
Chosen Option : **4**

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**Q.2** Who became the first Indian golfer to win on the 'Ladies European Tour' in 2016?

Ans  ✗ 1. Gursimar Badwal

✗ 2. Diksha Dagar

✓ 3. Aditi Ashok

✗ 4. Vani Kapoor

Question ID : **98958014294**
Status : **Answered**
Chosen Option : **3**

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**Q.3** प्रकाश संश्लेषण के दौरान, हरे पौधे सूर्य के प्रकाश से ऊर्जा का उपयोग कार्बन डाइऑक्साइड और पानी से _____ को संश्लेषित करने के लिए करते हैं।

Ans  ✗ 1. सुक्रोज

✓ 2. ग्लूकोज

✗ 3. गैलेक्टोज

✗ 4. फ्रुक्टोज

Question ID : **98958014281**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.4** _____ was the first and only Muslim woman to ever sit on the throne of Delhi.

Ans ✗ 1. Fatima Al Fihri

✗ 2. Gevher Sultan

✗ 3. Shajarat Al Durr

✔ 4. Razia Begum

Question ID : **98958014286**
Status : **Marked For Review**
Chosen Option : **4**

**Q.5** The Pradhan Mantri Shram Yogi Mandhan Yojana was launched by _____ .

Ans ✗ 1. Arun Jaitley

✗ 2. Ram Nath Kovind

✗ 3. Smriti Zubin Irani

✔ 4. Narendra Modi

Question ID : **98958014297**
Status : **Answered**
Chosen Option : **4**

**Q.6** Which of the following is NOT a symptom of Wilson's disease?

Ans ✗ 1. Problems with speech, swallowing or physical coordination

✗ 2. Uncontrolled movements or muscle stiffness

✗ 3. Fluid build-up in the legs or abdomen

✔ 4. Night blindness

Question ID : **98958014278**
Status : **Marked For Review**
Chosen Option : **4**

**Q.7** The Banking Regulation Act was passed in India in _____.

Ans ✔ 1. 1949

✗ 2. 1974

✗ 3. 1965

✗ 4. 1951

Question ID : **98958014276**
Status : **Answered**
Chosen Option : **3**

**Q.8** Which of the following acid found in Apple?

Ans

✔ 1. Malic Acid

✘ 2. Nitric Acid

✘ 3. Formic Acid

✘ 4. Sulphuric Acid

Question ID : **98958014282**
Status : **Answered**
Chosen Option : **1**

**Q.9** **The Indian Passport was ranked _____ in the 'Global Passport Index Report 2019'.**

Ans ✘ 1. 65th

✘ 2. 77th

✔ 3. 67th

✘ 4. 56th

Question ID : **98958014296**
Status : **Marked For Review**
Chosen Option : **3**

**Q.10** **बेरिएट्रिक सर्जरी किसी व्यक्ति के _____ में परिवर्तन लाती है।**

Ans ✘ 1. हृदय

✘ 2. नाक की नली

✘ 3. फेफड़े

✔ 4. पाचन तंत्र

Question ID : **98958014279**
Status : **Not Answered**
Chosen Option : **--**

**Q.11** **Which one of the following was NOT a condition laid down in the Gandhi-Irwin Pact?**

Ans ✘ 1. The Indian National Congress should stop the civil disobedience movement

✘ 2. Removal of salt tax; allowing to produce, trade and sell legally

✔ 3. Withdrawal of tax on khadi production

✘ 4. Participation in the Round Table Conference by the Indian National Congress

Question ID : **98958014288**
Status : **Marked For Review**
Chosen Option : **4**

**Q.12** **_____ is the largest river island in the world.**

Ans ✘ 1. Umananda

✘ 2. Munroe

✔ 3. Majuli

✘ 4. Bahvani

Question ID : **98958014285**
Status : **Answered**
Chosen Option : **3**

**Q.13** Article _____ of the Constitution of India gives the Election Commission the power to supervise elections to the Parliament and state legislatures.

Ans  ✗ 1. 314

✗ 2. 342

✓ 3. 324

✗ 4. 341

Question ID : **98958014292**
Status : **Marked For Review**
Chosen Option : **3**

**Q.14** Who amongst the following succeeded the Mughal throne in the year 1556?

Ans  ✗ 1. Sher Shah Suri

✓ 2. Akbar

✗ 3. Jehangir

✗ 4. Shah Jahan

Question ID : **98958014287**
Status : **Answered**
Chosen Option : **2**

**Q.15** Who was the first woman judge of the Delhi High Court?

Ans  ✗ 1. Sujata Manohar

✗ 2. Ruma Pal

✓ 3. Leila Seth

✗ 4. Anna Chandi

Question ID : **98958014291**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.16** Which of the following is NOT a vocal form of Hindustani classical music?

Ans  ✓ 1. Pakhawaj

✗ 2. Drupad

✗ 3. Tarana

✗ 4. Dhamar

Question ID : **98958014275**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.17** Varkala, Chowara, Chavakkad and Nattika are beaches in the state of _____.

Ans  ✗ 1. Maharashtra

✓ 2. Kerala

✗ 3. Karnataka

✗ 4. Tamil Nadu

Question ID : **98958014283**

Status : **Not Answered**

Chosen Option : **--**

**Q.18** The highest railway station in India is located in the state of _____.

Ans ✔️ 1. West Bengal

❌ 2. Uttar Pradesh

❌ 3. Jammu & Kashmir

❌ 4. Sikkim

Question ID : **98958014284**

Status : **Marked For Review**

Chosen Option : **3**

**Q.19** _____ is the oldest member of the 16th Lok Sabha.

Ans ❌ 1. Murli Manohar Joshi

❌ 2. Ram Jethmalani

✔️ 3. Lal Krishna Advani

❌ 4. Farooq Abdullah

Question ID : **98958014290**

Status : **Marked For Review**

Chosen Option : **4**

**Q.20** The National Board for Micro, Small and Medium Enterprises meets once every _____ months in a year.

Ans ❌ 1. 2

✔️ 2. 6

❌ 3. 3

❌ 4. 9

Question ID : **98958014293**

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

Chosen Option : **--**

**Q.21** _____ की कमी से रिकेट्स का रोग होता है।

Ans ❌ 1. विटामिन C

❌ 2. विटामिन A

❌ 3. विटामिन B

✔️ 4. विटामिन D

Question ID : **98958014280**

Status : **Marked For Review**

Chosen Option : **4**

**Q.22** The Khajuraho Temples are located in the state of _____.

Ans ✔️ 1. Madhya Pradesh

❌ 2. Andhra Pradesh

✗ 3. Uttarakhand

✗ 4. Uttar Pradesh

Question ID : **98958014274**
Status : **Answered**
Chosen Option : **1**

**Q.23  What is India's rank in 2019 World Happiness Report?**

Ans   ✗ 1. 130th

✔ 2. 140th

✗ 3. 150th

✗ 4. 160th

Question ID : **98958014298**
Status : **Answered**
Chosen Option : **2**

**Q.24  Minimum Support Price (MSP) is recommended by _____.**

Ans   ✗ 1. The Commission for Weights and Measures

✗ 2. The Food Safety and Standards Authority of India

✗ 3. The Farmers' Welfare Society

✔ 4. The Commission for Agricultural Costs and Prices

Question ID : **98958014277**
Status : **Answered**
Chosen Option : **4**

**Q.25  _____ is the oldest golf course outside the United Kingdom.**

Ans   ✔ 1. Royal Calcutta Golf Club, Kolkata

✗ 2. Tollygunge Golf Club, Kolkata

✗ 3. Classic Golf Resort, New Delhi

✗ 4. Royal Springs Golf Course, Srinagar

Question ID : **98958014295**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

**Q.1**  The average of eleven numbers is 54. The average of the first four numbers is 48 and that of the next four numbers is 25% more than the average of the first four. The ninth number is 8 greater than the $11^{th}$ number and the tenth number is 4 greater than the $11^{th}$ number. What is the average of the $9^{th}$ and the $10^{th}$ numbers?

Ans   ✗ 1. 54

✗ 2. 52.6

✔ 3. 56

✗ 4. 54.4

Question ID : **98958013251**
Status : **Not Answered**
Chosen Option : **--**

**Q.2** In a circle with center O and radius 10 cm, PQ and RS are two parallel chords of lengths $x$ cm and 12 cm, respectively, and both the chords are on the opposite side of O. If the distance between PQ and RS is 14 cm, the value of $x$ is:

**Ans** ✔ 1. 16

✘ 2. 20

✘ 3. 15

✘ 4. 18

Question ID : **98958013264**
Status : **Not Answered**
Chosen Option : **--**

**Q.3** If $3\sqrt{3}x^3 - 2\sqrt{2}\,y^3 = (\sqrt{3}x - \sqrt{2}y)(Ax^2 + By^2 + Cxy)$, then the value of $(A \times B) \div C$ is:

**Ans** ✘ 1. $6\sqrt{6}$

✘ 2. $6\sqrt{3}$

✘ 3. $\sqrt{3}$

✔ 4. $\sqrt{6}$

Question ID : **98958013260**
Status : **Not Answered**
Chosen Option : **--**

**Q.4** The value of $\dfrac{1}{\sin\theta} - \dfrac{\cot^2\theta}{1+\mathrm{cosec}\theta}$ is:

**Ans** ✘ 1. 0

✔ 2. 1

✘ 3. 2

✘ 4. -1

Question ID : **98958013269**
Status : **Answered**
Chosen Option : **2**

**Q.5** Sudha saves 15% of her income. If her expenditure increases by 20% and savings increase by 60%, then by what percent has her income increased?

**Ans** ✔ 1. 26

✘ 2. 35

✘ 3. 24

✘ 4. 30

Question ID : **98958013253**
Status : **Answered**
Chosen Option : **1**

**Q.6** PQRS is a cyclic quadrilateral. If angle P is three times the angle R and angle S is five times the angle Q, then the sum of the angles Q and R is:

**Ans** ✘ 1. 65°

✘ 2. 70°

✔ 3. 75°

✘ 4. 72°

Question ID : **98958013263**
Status : **Answered**
Chosen Option : **3**

**Q.7** In $\Delta ACE$, B and D are the points on side AC and CE, respectively, such that BD ∥ AE and $AE = \frac{8}{3}$ BD. What is the ratio of the area of $\Delta BDC$ to that of $\Delta AEC$?

**Ans** ✔ 1. 9 : 64

✘ 2. 3 : 8

✘ 3. 8 : 11

✘ 4. 9 : 16

Question ID : **98958013266**
Status : **Answered**
Chosen Option : **1**

**Q.8** If $a + \frac{1}{a} = 3$, then $\left(a^4 + \frac{1}{a^4}\right)$ is equal to:

**Ans** ✘ 1. 77

✔ 2. 47

✘ 3. 81

✘ 4. 27

Question ID : **98958013163**
Status : **Answered**
Chosen Option : **2**

**Q.9** Some fruits are bought at a rate of 11 for ₹100 and an equal number at a rate of 9 for ₹100. If all the fruits are sold at a rate of 10 for ₹100, then what is the gain or loss percent in the entire transaction?

**Ans** ✘ 1. Gain, 5%

✘ 2. Loss, 5%

✘ 3. Gain, 1%

✔ 4. Loss, 1%

Question ID : **98958013254**
Status : **Answered**
Chosen Option : **3**

**Q.10** If $\frac{\cos\theta}{1-\sin\theta} + \frac{\cos\theta}{1+\sin\theta} = 4$, $0° < \theta < 90°$, then the value of $(\tan\theta + cosec\,\theta)$ is:

**Ans** ✘ 1. $\frac{5\sqrt{2}}{2}$

✔ 2. $\frac{5\sqrt{3}}{3}$

✘ 3. $\frac{4\sqrt{3}}{3}$

✗ 4. $\dfrac{5\sqrt{2}}{3}$

Question ID : **98958013267**

Status : **Answered**

Chosen Option : **2**

**Q.11** If $a + b + c = 2$, $a^2 + b^2 + c^2 = 26$, then the value of $a^3 + b^3 + c^3 - 3abc$ is:

Ans ✗ 1. 71

✔ 2. 74

✗ 3. 69

✗ 4. 78

Question ID : **98958013262**

Status : **Answered**

Chosen Option : **2**

**Q.12** A person borrowed a certain sum at 10% p.a. for three years, interest being compounded annually. At the end of two years, he repaid a sum of ₹6,634 and at the end of the third year, he cleared off the debt by paying ₹13,200. What was the sum borrowed by him?

Ans ✗ 1. ₹16,400

✔ 2. ₹15,400

✗ 3. ₹15,600

✗ 4. ₹16,500

Question ID : **98958013256**

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

Chosen Option : **--**

**Q.13** The radii of three concentric circles are in the ratio of 4 : 5 : 7. What is the ratio of the area between the two inner circles to that between the two outer circles?

Ans ✗ 1. 4 : 7

✗ 2. 5 : 9

✗ 3. 4 : 5

✔ 4. 3 : 8

Question ID : **98958013259**

Status : **Answered**

Chosen Option : **4**

**Q.14** If $(1 + \tan^2 \theta) + (1 + (\tan^2\theta)^{-1}) = k$, then $\sqrt{k} = ?$

Ans ✔ 1. $\operatorname{cosec} \theta \sec \theta$

✗ 2. $\operatorname{cosec} \theta \cos \theta$

✗ 3. $\sin \theta \cos \theta$

✗ 4. $\sin \theta \sec \theta$

Question ID : **98958013268**

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

Chosen Option : **--**

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

| Year \ Cars | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|
| A | 48 | 47 | 50 | 61 | 64 |
| B | 47 | 55 | 58 | 54 | 66 |
| C | 52 | 58 | 62 | 66 | 72 |
| D | 60 | 53 | 56 | 65 | 66 |
| E | 43 | 47 | 54 | 64 | 62 |

The total production of type B cars during 2013 to 2016 is approximately what percent less than the total production of cars in 2017?

Ans    ✗ 1. 32%

     ✗ 2. 40%

     ✔ 3. 35%

     ✗ 4. 38%

Question ID : **98958013272**
Status : **Answered**
Chosen Option : **3**

**Q.16** The table shows the production of different types of cars (in thousands).

| Year \ Cars | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|
| A | 48 | 47 | 50 | 61 | 64 |
| B | 47 | 55 | 58 | 54 | 66 |
| C | 52 | 58 | 62 | 66 | 72 |
| D | 60 | 53 | 56 | 65 | 66 |
| E | 43 | 47 | 54 | 64 | 62 |

The total production of type B cars in 2015 and type C cars in 2013 is what percent more that the total production of type E cars in 2013 and 2014? (Correct to one decimal place)

Ans    ✗ 1. 23.4

     ✗ 2. 25.6

     ✗ 3. 24.8

     ✔ 4. 22.2

Question ID : **98958013273**
Status : **Not Answered**
Chosen Option : **--**

**Q.17** The area of a Δ ABC is one unit. DE is a straight line parallel to BC, joining the points D and E on AB and AC respectively such that $AD : DB = 1 : 6$. The ratio of the areas of the triangles ADE and ABC is:

Ans    ✗ 1. $1 : 36$

     ✔ 2. $1 : 49$

     ✗ 3. $1 : 6$

     ✗ 4. $1 : 7$

Question ID : **98958013164**
Status : **Answered**
Chosen Option : **2**

**Q.18** The value of $16 \div 4 \ of \ 4 \times [3 \div 4 \ of \ \{4 \times 3 \div (3 + 3)\}] \div (2 \div 4 \ of \ 8)$ is:

**Ans** ✔ 1. 6
✘ 2. 9
✘ 3. 48
✘ 4. 16

Question ID : **98958013250**
Status : **Answered**
Chosen Option : **1**

**Q.19** In $\triangle ABC$, D is a point on AC such that $AB = BD = DC$. If $\angle BAD = 70°$, then the measure of $\angle B$ is:

**Ans** ✔ 1. 75°
✘ 2. 80°
✘ 3. 82°
✘ 4. 70°

Question ID : **98958013265**
Status : **Answered**
Chosen Option : **1**

**Q.20** A train travelling at 44 km/h crosses a man walking with a speed of 8 km/h, in the same direction, in 15 seconds. If the train crosses a woman coming from the opposite direction in 10 seconds, then what is the speed (in km/h) of the woman?

**Ans** ✘ 1. 10.5
✔ 2. 10
✘ 3. 9
✘ 4. 8.5

Question ID : **98958013258**
Status : **Answered**
Chosen Option : **2**

**Q.21** If a 10-digit number $2094x843y2$ is divisible by 88, then the value of $(5x - 7y)$ for the largest possible value of $x$, is:

**Ans** ✘ 1. 3
✔ 2. 5
✘ 3. 2
✘ 4. 6

Question ID : **98958013249**
Status : **Not Answered**
Chosen Option : **--**

**Q.22** The table shows the production of different types of cars (in thousands).

| Year Cars | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|
| A | 48 | 47 | 50 | 61 | 64 |
| B | 47 | 55 | 58 | 54 | 66 |
| C | 52 | 58 | 62 | 66 | 72 |
| D | 60 | 53 | 56 | 65 | 66 |
| E | 43 | 47 | 54 | 64 | 62 |

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

**Ans** ✔ 1. 78°

✗ 2. 72°

✗ 3. 67.2°

✗ 4. 79.2°

| Question ID : 98958013271 |
| Status : **Answered** |
| Chosen Option : **4** |

**Q.23** The table shows the production of different types of cars (in thousands).

| Year / Cars | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|
| A | 48 | 47 | 50 | 61 | 64 |
| B | 47 | 55 | 58 | 54 | 66 |
| C | 52 | 58 | 62 | 66 | 72 |
| D | 60 | 53 | 56 | 65 | 66 |
| E | 43 | 47 | 54 | 64 | 62 |

The ratio of the total production of type A cars in 2017 and type D cars in 2015 to the total production of type B and type E cars in 2013 is:

**Ans** ✗ 1. 8 : 7

✔ 2. 4 : 3

✗ 3. 3 : 4

✗ 4. 7 : 8

| Question ID : 98958013270 |
| Status : **Answered** |
| Chosen Option : **2** |

**Q.24** $\left(\dfrac{1}{1+\sin^2\theta} + \dfrac{1}{1+\csc^2\theta}\right) =$

**Ans** ✗ 1. $\sin^2\theta$

✔ 2. 1

✗ 3. $\csc^2\theta$

✗ 4. 2

| Question ID : 98958013165 |
| Status : **Answered** |
| Chosen Option : **2** |

**Q.25** To do a certain work, the ratio of the efficiencies of A, B and C is 7 : 5 : 6. Working together, they can complete the same work in 35 days. B and C work together for 21 days. The remaining work will be completed by A alone in:

**Ans** ✗ 1. 60 days

✔ 2. 57 days

✗ 3. 54 days

✗ 4. 50 days

| Question ID : 98958013257 |
| Status : **Answered** |
| Chosen Option : **2** |

Section : **English Comprehension**

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

**Show these visitors the butterfly farm.**

Ans    ✗ 1. These visitors should be showed the butterfly farm.

       ✗ 2. Let these visitors be showing the butterfly farm.

       ✗ 3. You must show these visitors the butterfly farm.

       ✔ 4. Let these visitors be shown the butterfly farm.

> Question ID : **98958012540**
> Status : **Marked For Review**
> Chosen Option : **4**

**Q.2** Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

**They didn't see you, <u>is it</u>?**

Ans    ✗ 1. no improvement

       ✔ 2. did they

       ✗ 3. wasn't it

       ✗ 4. have they

> Question ID : **98958012542**
> Status : **Answered**
> Chosen Option : **2**

**Q.3** Given below are four jumbled sentences. Select the option that gives their correct order.

**A. What was supposed to be a holiday of a lifetime turned into a dangerous experience for 1,300 passengers on a cruise ship off the coast of Norway.**
**B. The Norwegian Government decided to evacuate the passengers with the help of helicopters.**
**C. The ship broke down in rough seas and high-speed winds caused it to rock heavily from side to side.**
**D. From the first 371 evacuated passengers, 17 had to be taken to hospital.**

Ans    ✗ 1. ABCD

       ✗ 2. CBDA

       ✗ 3. CABD

       ✔ 4. ACBD

> Question ID : **98958012551**
> Status : **Answered**
> Chosen Option : **4**

**Q.4** In the sentence identify the segment which contains the grammatical error.

**The river Yamuna has many non-native species like goldfish that is affecting its eco-system.**

Ans    ✗ 1. its eco-system

       ✗ 2. The river Yamuna

       ✔ 3. that is affecting

       ✗ 4. has many non-native species

> Question ID : **98958012539**
> Status : **Answered**

Chosen Option : **3**

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

**COMIC**

Ans ✗ 1. amusing

✔ 2. tragic

✗ 3. awkward

✗ 4. absurd

Question ID : **98958012554**
Status : **Marked For Review**
Chosen Option : **4**

**Q.6** **Select the word which means the same as the group of words given.**

**a family of young animals**

Ans ✗ 1. nest

✗ 2. clutch

✔ 3. brood

✗ 4. offspring

Question ID : **98958012558**
Status : **Answered**
Chosen Option : **3**

**Q.7** **Select the most appropriate meaning of the given idiom.**

**butterflies in the stomach**

Ans ✗ 1. being excited

✔ 2. being nervous

✗ 3. being angry

✗ 4. being hungry

Question ID : **98958012557**
Status : **Answered**
Chosen Option : **4**

**Q.8** **Given below are four jumbled sentences. Select the option that gives their correct order.**

A. It is one of the highly developed countries of the world.
B. It stretches from the Atlantic Ocean in the east to the Pacific Ocean in the west.
C. The USA consists of 50 states including Alaska and Hawai.
D. The United States of America (USA) is the 4th largest country in the world.

Ans ✗ 1. ADCB

✗ 2. CBAD

✗ 3. CBDA

✔ 4. DBCA

Question ID : **98958012550**
Status : **Answered**
Chosen Option : **4**

**Q.9** Select the correct active form of the given sentence.

The injured were being removed to the hospital by the police.

Ans ✗ 1. The police removed the injured to the hospital.

✗ 2. The injured was removing the police to the hospital.

✓ 3. The police was removing the injured to the hospital.

✗ 4. The police has been removing the injured to the hospital.

Question ID : **98958012541**
Status : **Answered**
Chosen Option : **3**

**Q.10** Select the synonym of the given word.

DRAG

Ans ✗ 1. rush

✓ 2. pull

✗ 3. push

✗ 4. rest

Question ID : **98958012552**
Status : **Answered**
Chosen Option : **2**

**Q.11** In the sentence identify the segment which contains the **grammatical error.**

We will rest for sometime when we will reach **the top.**

Ans ✗ 1. We will rest

✓ 2. when we will

✗ 3. reach the top

✗ 4. for sometime

Question ID : **98958012538**
Status : **Answered**
Chosen Option : **2**

**Q.12** Select the most appropriate word to fill in the blank.

The National war memorial is _____ to our Armed Forces.

Ans ✗ 1. inscribed

✓ 2. dedicated

✗ 3. honoured

✗ 4. devoted

Question ID : **98958012563**
Status : **Marked For Review**
Chosen Option : **4**

**Q.13** Select the wrongly spelt word.

Ans ✗ 1. remembrance

✓ 2. reminascant

✗ 3. remnant

✗ 4. remittance

Question ID : **98958012561**
Status : **Not Answered**
Chosen Option : **--**

**Q.14** Select the most appropriate word to fill in the blank.

A painting competition was held in the colony and Kavya was _____ winner in the age group 3-5 years.

Ans ✗ 1. publicized

✗ 2. supposed

✗ 3. described

✔ 4. declared

Question ID : **98958012562**
Status : **Answered**
Chosen Option : **4**

**Q.15** Select the synonym of the given word.

**ENGULF**

Ans ✗ 1. encroach

✗ 2. enshrine

✗ 3. entangle

✔ 4. envelop

Question ID : **98958012553**
Status : **Marked For Review**
Chosen Option : **1**

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

A person appointed by two parties to resolve a dispute

Ans ✗ 1. broker

✗ 2. valuer

✗ 3. auditor

✔ 4. arbitrator

Question ID : **98958012559**
Status : **Answered**
Chosen Option : **4**

**Q.17** Select the most appropriate meaning of the given idiom.

**out of the woods**

Ans ✔ 1. no longer in trouble

✗ 2. no longer in sight

✗ 3. no longer famous

✗ 4. no longer young

**Q.18** Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

We had never seen <u>so strong blizzard</u>. The wind speed was 130 km per hour .

Ans ✗ 1. so strong the blizzard

✗ 2. such strong a blizzard

✔ 3. such a strong blizzard

✗ 4. no improvement

**Q.19** Select the antonym of the given word.

**GATHER**

Ans ✗ 1. display

✗ 2. dispute

✗ 3. distract

✔ 4. disperse

**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.

Canada is three times the size of India (1)_____ its population is only about 26 million. The average (2)_____ of population is less than three persons per square kilometer (3)_____ Canada. The distribution of population is highly (4)_____. Nearly 80 per cent of the people (5)_____ in a narrow belt less than 300 kilometer wide along the southern border. The rest of the country has a very sparse population due to excessive cold.

**SubQuestion No : 20**

**Q.20** Select the most appropriate option for blank No. 1.

Ans ✗ 1. because

✗ 2. until

✗ 3. so

✔ 4. but

**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.

Canada is three times the size of India (1)_____ its population is only about 26 million. The average (2)_____ of population is less than three persons per square kilometer (3)_____ Canada. The distribution of population is highly (4)_____. Nearly 80 per cent of the people

(5)_____ in a narrow belt less than 300 kilometer wide along the southern border. The rest of the country has a very sparse population due to excessive cold.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option for blank No. 2.

**Ans**      ✗ 1. consistency

            ✓ 2. density

            ✗ 3. quantity

            ✗ 4. frequency

Question ID : **98958012546**
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.

Canada is three times the size of India (1)_____ its population is only about 26 million. The average (2)_____ of population is less than three persons per square kilometer (3)_____ Canada. The distribution of population is highly (4)_____. Nearly 80 per cent of the people (5)_____ in a narrow belt less than 300 kilometer wide along the southern border. The rest of the country has a very sparse population due to excessive cold.

**SubQuestion No : 22**

**Q.22** Select the most appropriate option for blank No. 3.

**Ans**      ✗ 1. at

            ✓ 2. in

            ✗ 3. on

            ✗ 4. into

Question ID : **98958012547**
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.

Canada is three times the size of India (1)_____ its population is only about 26 million. The average (2)_____ of population is less than three persons per square kilometer (3)_____ Canada. The distribution of population is highly (4)_____. Nearly 80 per cent of the people (5)_____ in a narrow belt less than 300 kilometer wide along the southern border. The rest of the country has a very sparse population due to excessive cold.

**SubQuestion No : 23**

**Q.23** Select the most appropriate option for blank No. 4.

**Ans**      ✓ 1. uneven

            ✗ 2. differing

            ✗ 3. infrequent

            ✗ 4. rough

Question ID : **98958012548**
Status : **Marked For Review**
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.

Canada is three times the size of India (1)_____ its population is only about 26 million. The average (2)_____ of population is less than three persons per square kilometer (3)_____ Canada. The distribution of population is highly (4)_____. Nearly 80 per cent of the people (5)_____ in a narrow belt less than 300 kilometer wide along the southern border. The rest of the country has a very sparse population due to excessive cold.

**SubQuestion No : 24**

**Q.24  Select the most appropriate option for blank No. 5.**

Ans    ✔ 1. live

       ✘ 2. survive

       ✘ 3. subsist

       ✘ 4. remain

Question ID : **98958012549**
Status : **Answered**
Chosen Option : **1**

**Q.25  Select the wrongly spelt word.**

Ans    ✘ 1. hazard

       ✘ 2. hazy

       ✔ 3. hasitate

       ✘ 4. hasty

Question ID : **98958012560**
Status : **Answered**
Chosen Option : **3**