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

| Roll No. | |
|---|---|
| Registration No. | |
| Name | |
| Test Venue | Institute of Hardware Networking And Communication Center2 |
| Test Time | 1:00 PM - 2:00 PM |
| Test Date | 11/06/2019 |

Section : **General Intelligence and Reasoning**

**Q.1** Select the option that is related to the third number in the same way as the second number is related to the first number.

9 : 86 :: 13 : _____.

**Ans**
✗ 1. 175
✗ 2. 135
✔ 3. 174
✗ 4. 124

Question ID : **98958013861**
Status : **Answered**
Chosen Option : **3**

**Q.2** In a code language, PAINTER is written as SCLPWGU. How will WRITER be written in the same language?

**Ans**
✗ 1. YTLVHT
✗ 2. ZTLVHU
✔ 3. ZTLVHT
✗ 4. ZTLVGV

Question ID : **98958013855**
Status : **Answered**
Chosen Option : **3**

**Q.3** Select the terms that will replace ? in the following series

K, M, O, ?, S, U, ?, Y

**Ans**
✗ 1. R, W
✗ 2. P, W
✔ 3. Q, W
✗ 4. Q, X

Question ID : **98958013857**
Status : **Answered**
Chosen Option : **3**

**Q.4** जिस प्रकार 'मृग' का संबंध "मृगी" से है उसी प्रकार 'सांड' का संबंध _____ से है।

**Ans**

✗ 1. लोमड़ी

✗ 2. घोड़ी

✔ 3. गाय

✗ 4. बैल

Question ID : **98958013853**
Status : **Answered**
Chosen Option : **3**

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**Q.5** Which two signs should be interchanged to make the given equation correct?
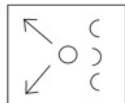
$12 \times 8 \div 36 + 3 - 6 = 102$

**Ans**

✗ 1. × and +

✗ 2. + and −

✗ 3. ÷ and ×

✔ 4. ÷ and +

Question ID : **98958013865**
Status : **Answered**
Chosen Option : **4**

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**Q.6** Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.

**Ans**

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Question ID : **98958013871**
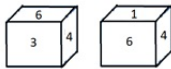Status : **Answered**
Chosen Option : **3**

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**Q.7** रुक्मणी का परिचय देते हुए विजय ने कहा, "यह मेरी पत्नी के एकमात्र भाई के पुत्र की माँ है।" रुक्मणी के पति का विजय से क्या संबंध है?

**Ans** ✔ 1. साला

✗ 2. पिता

✗ 3. ससुर

✗ 4. पुत्र

Question ID : **98958013858**
Status : **Answered**
Chosen Option : **1**

**Q.8** Two different positions of a dice are shown below. Which number appears on the face opposite the number '1'?

**Ans**

✗ 1. 2

✗ 2. 4

✔ 3. 3

✗ 4. 5

Question ID : **98958013869**
Status : **Answered**
Chosen Option : **3**

**Q.9** If N = 28 and ORE = 76, then how will you code PALE?

**Ans**

✔ 1. 68

✗ 2. 76

✗ 3. 19

✗ 4. 72

Question ID : **98958013856**
Status : **Answered**
Chosen Option : **1**

**Q.10** दी गई श्रेणियों के बीच सर्वश्रेष्ठ संबंध को दर्शाने वाले वेन आरेख का चयन कीजिए।

प्याला, मेज, क्रॉकरी

**Ans**

✔ 1.

✗ 2.

✗ 3.

✗ 4. 

**Q.11** Find the missing number from the below options.

| | | |
|---|---|---|
| 6 | 24 | 96 |
| 7 | 28 | 112 |
| 13 | 52 | ? |

**Ans** ✔ 1. 208

✗ 2. 142

✗ 3. 232

✗ 4. 116

**Q.12** Select the figure in which the given figure is embedded.
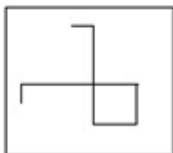


**Ans**

✗ 1. 

✗ 2. 

✔ 3. 

✗ 4.
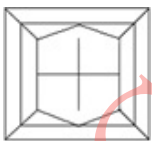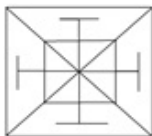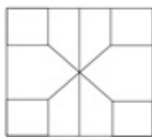
**Q.13** Select the term that will come next in the following series.

2, 7, 17, 32, 52, ?

Ans  ✔ 1.  77

  ✗ 2.  134

  ✗ 3.  126

  ✗ 4.  102

Question ID : **98958013860**
Status : **Answered**
Chosen Option : **1**

**Q.14** Select the letter cluster that will come next in the following series.

GZI, HYJ, IXK, JWL, ?

Ans  ✗ 1.  JVN

  ✔ 2.  KVM

  ✗ 3.  LVM

  ✗ 4.  KUM

Question ID : **98958013849**
Status : **Answered**
Chosen Option : **2**

**Q.15** Vishal is three times as old as Saksham. After 8 years, he will be two times as old as Saksham. After further 8 years, what will be Vishal's age?

Ans  ✗ 1.  48 years

  ✗ 2.  24 years

  ✗ 3.  32 years

  ✔ 4.  40 years

Question ID : **98958013866**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.16** निम्नलिखित शब्दों को एक तार्किक एवं अर्थपूर्ण क्रम में व्यवस्थित कीजिए:
    1. पीतल
    2. सोना
    3. चांदी
    4. प्लैटिनम
    5. लोहा

Ans  ✗ 1.  3, 1, 5, 2, 4

  ✔ 2.  5, 1, 3, 2, 4

✘ 3. 2, 1, 5, 3, 4
✘ 4. 5, 4, 3, 2, 1

Question ID : **98958013850**
Status : **Answered**
Chosen Option : **2**

**Q.17** Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

**Ans**

✘ 1. Jupiter

✘ 2. Mars

✘ 3. Earth

✔ 4. Metis

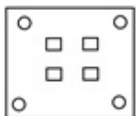Question ID : **98958013852**
Status : **Answered**
Chosen Option : **4**

**Q.18** A square paper is folded and cut as shown below. How will it appear when unfolded?
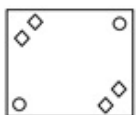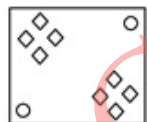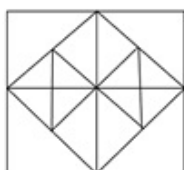
**Ans**

✘ 1.

✘ 2.

✘ 3.

✔ 4.

Question ID : **98958013872**
Status : **Not Answered**
Chosen Option : **--**

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

**Ans** ✘ 1. 30

✘ 2. 28

✔ 3. 32

✘ 4. 34

**Q.20** निम्नलिखित में से उस विकल्प का चयन कीजिए जो तीसरे शब्द से उसी तरह संबंधित है जिस तरह से दूसरा शब्द प्रथम शब्द से संबंधित है:

आलू : स्टार्च :: स्टीविया : ?

Ans

✘ 1. दूध

✘ 2. मक्खन

✔ 3. चीनी

✘ 4. नमक

**Q.21** Two statements are given, followed by two conclusions numbered I and II. 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:**
All humans are parents.
All parents are teachers.

**Conclusions:**
I. Some teachers are parents.
II. Some teachers are humans.

Ans

✔ 1. Both the conclusions follow

✘ 2. Only conclusion II follows

✘ 3. Either conclusion I or II follows

✘ 4. Only conclusion I follows

**Q.22** Three of the following four number-pairs are alike in a certain way and one is different. Pick the odd one out.

Ans

✘ 1. 7 – 126

✔ 2. 9 – 164

✘ 3. 13 – 234

✘ 4. 11 – 198

**Q.23**

Select the figure that will come next in the following figure series.



**Ans**

✔ 1. 

✖ 2. 

✖ 3. 

✖ 4. 
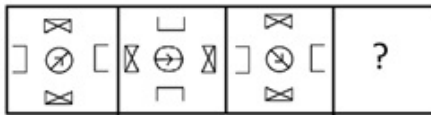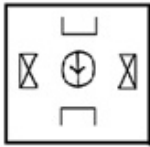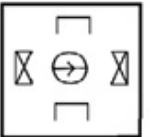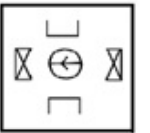
Question ID : **98958013867**
Status : **Answered**
Chosen Option : **1**

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**Q.24** Find the missing number from the below options.

| 50 | 31 | 9 |
|----|----|---|
| 43 | 11 | 6 |
| 42 | 21 | ? |

**Ans**
✔ 1. 7
✖ 2. 9
✖ 3. 5
✖ 4. 6

Question ID : **98958013864**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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**Q.25** Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

**Ans**
✖ 1. HSYB
✔ 2. DWKO
✖ 3. GTXC
✖ 4. QJUF

Question ID : **98958013851**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

**Q.1** निम्नलिखित में से कौन-सा भारत का तीसरा सबसे ऊंचा जलप्रपात है?

Ans ✗ 1. अग्या गंगई

✗ 2. सुरुली जलप्रपात

✗ 3. कोर्टालम जलप्रपात

✔ 4. थलियार जलप्रपात

Question ID : **98958014460**
Status : **Not Answered**
Chosen Option : **--**

**Q.2** In January 2019, _____ was named World No.1 boxer by International Boxing Association (AIBA).

Ans ✔ 1. Mary Kom

✗ 2. Laishram Sarita Devi

✗ 3. Simranjit Kaur

✗ 4. Lovlina Borgohain

Question ID : **98958014473**
Status : **Answered**
Chosen Option : **1**

**Q.3** Which of the following is the chemical name of baking soda?

Ans ✗ 1. Sodium carbonate

✗ 2. Sulphate

✔ 3. Sodium hydrogen carbonate

✗ 4. Calcium hydroxide

Question ID : **98958014457**
Status : **Answered**
Chosen Option : **3**

**Q.4** As per Mankiw's Principles of Economics, the standard of living of a country depends on the country's _____.

Ans ✗ 1. government policy

✗ 2. nominal wages

✗ 3. average wages

✔ 4. ability to produce goods and services

Question ID : **98958014451**
Status : **Not Answered**
Chosen Option : **--**

**Q.5** Manipur, Meghalaya and Tripura became states under _____.

**Ans**

✗ 1. North Eastern Retention (Reconstruction) Act, 1971

✗ 2. North Eastern Republic of India Act, 1972

✗ 3. North Eastern Region New State Act, 1972

✓ 4. North Eastern Areas (Reorganisation) Act, 1971

Question ID : **98958014461**
Status : **Answered**
Chosen Option : **2**

**Q.6** Which instrument is used to measure the intensity of light produced by an unknown source in terms of a standard source?

**Ans**

✓ 1. Photometer

✗ 2. Calipers

✗ 3. Ammeter

✗ 4. Dynamometer

Question ID : **98958014455**
Status : **Answered**
Chosen Option : **1**

**Q.7** When the output is equal to zero, the variable cost is _____.

**Ans**

✗ 1. constant

✓ 2. zero

✗ 3. minimum

✗ 4. maximum

Question ID : **98958014452**
Status : **Not Answered**
Chosen Option : **--**

**Q.8** Kazi Nazrul Islam is the national poet of _____.

**Ans**

✓ 1. Bangladesh

✗ 2. Afghanistan

✗ 3. Indonesia

✗ 4. Pakistan

Question ID : **98958014450**
Status : **Answered**
Chosen Option : **4**

**Q.9** Which Indian archer won the gold medal in the women's recurve event at the 2018 Hyundai Archery World Cup?

**Ans**

✗ 1. Dola Banerjee

✗ 2. Bombayla Devi Laishram

✓ 3. Deepika Kumari

✗ 4. Chekrovolu Swuro

Question ID : **98958014469**
Status : **Not Answered**

Chosen Option : **--**

**Q.10** इंडिया ऑफ माय ड्रीम्स' पुस्तक में किसके भाषणों और लेखों का संग्रह है?

Ans ✖ 1. सरदार वल्लभभाई पटेल

✖ 2. जवाहर लाल नेहरू

✔ 3. महात्मा गांधी

✖ 4. डॉ. राजेंद्र प्रसाद

Question ID : **98958014465**
Status : **Answered**
Chosen Option : **2**

**Q.11** Who among the following is/was the longest serving prime minister of Bangladesh?

Ans ✖ 1. Khaleda Zia

✖ 2. Sheikh Mujibur Rahman

✖ 3. Shah Azizur Rahman

✔ 4. Sheikh Hasina

Question ID : **98958014467**
Status : **Answered**
Chosen Option : **4**

**Q.12** In which year did Vasco De Gama land in Calicut (Kozikode)?

Ans ✖ 1. 1442

✖ 2. 1458

✖ 3. 1472

✔ 4. 1498

Question ID : **98958014464**
Status : **Answered**
Chosen Option : **4**

**Q.13** Name the woman of Indian origin who was appointed Chief Executive Officer of PepsiCo in the year 2006.

Ans ✔ 1. Indra Nooyi

✖ 2. Chanda Kochhar

✖ 3. Kiran Majumdar Shaw

✖ 4. Kalpana Morparia

Question ID : **98958014466**
Status : **Not Answered**
Chosen Option : **--**

**Q.14** Who among the following was the first chief minister of Kerala?

Ans ✖ 1. Pattom A Thanu Pillai

✖ 2. R Shankar

✖ 3. C Achutha Menon

✔ 4. E M S Namboodiripad

Question ID : **98958014463**

Status : **Not Answered**

Chosen Option : **--**

**Q.15** असम में अंग्रेजों की कर नीतियों के खिलाफ किस वर्ष में पथारूघाट किसान विद्रोह हुआ?

Ans ✔ 1. 1894

✘ 2. 1862

✘ 3. 1873

✘ 4. 1885

Question ID : **98958014462**

Status : **Not Answered**

Chosen Option : **--**

**Q.16** The 'Diphu Pass' which is the tri-junction between India, Myanmar and China is on this Border Line?

Ans ✘ 1. Palk Strait

✘ 2. Radcliffe Line

✘ 3. Durand Line

✔ 4. McMahon Line

Question ID : **98958014458**

Status : **Answered**

Chosen Option : **4**

**Q.17** Who among the following was the first president of the Republic of China?

Ans ✔ 1. Yuan Shikai

✘ 2. Li Xiannian

✘ 3. Yang Sangkun

✘ 4. Hu Jintao

Question ID : **98958014468**

Status : **Not Answered**

Chosen Option : **--**

**Q.18** 'कैंडियन नृत्य' _____ देश की एक सामान्य नृत्य शैली है।

Ans ✘ 1. इंडिया

✘ 2. भूटान

✔ 3. श्रीलंका

✘ 4. नेपाल

Question ID : **98958014449**

Status : **Not Answered**

Chosen Option : **--**

**Q.19** Identify the unit of measuring intensity of sound.

Ans ✘ 1. Knots

✘ 2. Ampere

✘ 3. Candela

✔ 4. Decibels

Question ID : **98958014454**
Status : **Answered**
Chosen Option : **4**

**Q.20** In January 2019, _____ became the first Indian state to implement 10% reservation for the economically weaker sections.

Ans   ✘ 1. Tripura

✔ 2. Gujarat

✘ 3. Madhya Pradesh

✘ 4. Odisha

Question ID : **98958014472**
Status : **Answered**
Chosen Option : **2**

**Q.21** The Indian badminton player who won the Canadian Open Women's Doubles title in 2015 along with Ashwini Ponnappa was _____.

Ans   ✘ 1. Saina Nehwal

✔ 2. Jwala Gutta

✘ 3. P C Tulasi

✘ 4. P V Sindhu

Question ID : **98958014470**
Status : **Answered**
Chosen Option : **1**

**Q.22** Daringbadi hill station is located in the Indian state of _____.

Ans   ✘ 1. Kerala

✘ 2. Maharashtra

✔ 3. Odisha

✘ 4. West Bengal

Question ID : **98958014459**
Status : **Answered**
Chosen Option : **4**

**Q.23** According to _____, pressure is equal to the force divided by the area on which it acts.

Ans   ✔ 1. Pascal's Law

✘ 2. Hooke's Law

✘ 3. Stefan-Boltzmann Law

✘ 4. Newton's Law

Question ID : **98958014453**
Status : **Answered**
Chosen Option : **1**

**Q.24** Who discovered the first vaccine for smallpox?

Ans   ✘ 1. Louis Pasteur

✔ 2. Edward Jenner

✘ 3. Alexander Fleming

✘ 4. John Hunter

Question ID : **98958014456**

Status : **Answered**

Chosen Option : **2**

**Q.25 Which Indian state launched the PRANAM Commission to protect parents of government employees?**

Ans ✘ 1. Punjab

✘ 2. Maharashtra

✔ 3. Assam

✘ 4. Haryana

Question ID : **98958014471**

Status : **Not Answered**

Chosen Option : **--**

Section : **Quantitative Aptitude**

**Q.1** In a class of 40 students, 45% are girls and the remaining are boys. If the average of the girls' marks is 54 and that of the boys is 46, what is the average of the whole class?

Ans ✘ 1. 49.8

✘ 2. 49.7

✔ 3. 49.6

✘ 4. 49.5

Question ID : **98958013451**

Status : **Not Answered**

Chosen Option : **--**

**Q.2** The value of $\cot^2 62° - \sec^2 28° + \csc^2 30° + \tan^2 60°$ is equal to:

Ans ✘ 1. 8

✘ 2. $\dfrac{10}{3}$

✔ 3. 6

✘ 4. $\dfrac{16}{3}$

Question ID : **98958013469**

Status : **Not Answered**

Chosen Option : **--**

**Q.3** The value of:

$$7.2 + (8.4 \div 0.12 \times 0.2) - 5 \times 3 \div 0.05 + 3$$

Ans ✘ 1. −75.8

✔ 2. −275.8

✗ 3. 21.2

✗ 4. − 175.8

Question ID : **98958013450**

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

Chosen Option : **--**

**Q.4** If $a + b + c = 6$ and $ab + bc + ca = 4$, then $a^3 + b^3 + c^3 - 3\,abc$ is equal to:

**Ans** ✗ 1. 148

✗ 2. 154

✗ 3. 160

✔ 4. 144

Question ID : **98958013462**

Status : **Answered**

Chosen Option : **4**

**Q.5** A train without stoppage travels with an average speed of 72 km/h and with stoppage, it travels with an average speed of 60 km/h. For how many minutes does the train stop on an average per hour?

**Ans** ✔ 1. 10

✗ 2. 12

✗ 3. 6

✗ 4. 8

Question ID : **98958013458**

Status : **Answered**

Chosen Option : **1**

**Q.6** The radii of the two circular faces of the frustum of a cone are 5 cm and 4 cm. If the height of the frustum is 21 cm,

what is it volume in $cm^3$? $\left(\pi = \frac{22}{7}\right)$

**Ans** ✗ 1. 902

✗ 2. 1056

✔ 3. 1342

✗ 4. 638

Question ID : **98958013459**

Status : **Not Answered**

Chosen Option : **--**

**Q.7** The table below indicates the percentage of students and the ratio of boys and girls in the various streams of a college.
(Total students = 2600)

| Stream | CE | CS | IT | ME | EC |
|---|---|---|---|---|---|
| % Students | 20% | 18% | 21% | 22% | 19% |
| Boys : Girls | 3 : 2 | 4 : 5 | 3 : 4 | 6 : 5 | 9 : 10 |

What is the ratio of students studying in CS and IT?

**Ans** ✗ 1. 9 : 11

✗ 2. 12 : 13

✔ 3. 6 : 7

✗ 4. 11 : 13

**Q.8** The difference between the compound interest and simple interest on ₹x at 7.5% per annum for 2 years is ₹45. What is the value of x?

**Ans**

✗ 1. 7,000

✔ 2. 8,000

✗ 3. 9,000

✗ 4. 10,000

Question ID : **98958013456**
Status : **Answered**
Chosen Option : **2**

**Q.9** $\triangle ABC \sim \triangle PRQ$ and PQ = 4 cm, QR = 7 cm and PR = 8 cm. If ar($\triangle ABC$) : ar($\triangle PQR$) = 1 : 4, then AC is equal to:

**Ans**

✗ 1. 4 cm

✗ 2. 3.7 cm

✗ 3. 1 cm

✔ 4. 2 cm

Question ID : **98958013466**
Status : **Answered**
Chosen Option : **1**

**Q.10** The price of sugar is increased by 17%. A person wants to increase his expenditure by 8% only. By what percent should he decrease his consumption, nearest to one decimal place?

**Ans**

✗ 1. 7.9%

✗ 2. 8.3%

✗ 3. 8.1%

✔ 4. 7.7%

Question ID : **98958013453**
Status : **Answered**
Chosen Option : **4**

**Q.11** If $(a + b) = 6$ and $ab = \frac{16}{3}$, then $(a^3 + b^3)$ is equal to:

**Ans**

✗ 1. 190

✗ 2. 150

✗ 3. 220

✔ 4. 120

Question ID : **98958013460**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.12** If the six digit number $4x573y$ is divisible by 72 then the value of $(x + y)$ is:

**Ans**

  ✗ 1. 9

  ✗ 2. 4

  ✔ 3. 8

  ✗ 4. 6

> Question ID : **98958013449**
>
> Status : **Answered**
>
> Chosen Option : **3**

**Q.13** If a : b = 2 : 3 and c : b = 5 : 6, then a : b : c is equal to:

**Ans**

  ✔ 1. 4 : 6 : 5

  ✗ 2. 6 : 9 : 16

  ✗ 3. 6 : 9 : 12

  ✗ 4. 10 : 15 : 18

> Question ID : **98958013455**
>
> Status : **Answered**
>
> Chosen Option : **1**

**Q.14** In a circle with centre O, AB is the diameter and CD is a chord such that ABCD is a trapezium. If $\angle BAC = 18°$, then $\angle CAD$ is equal to:

**Ans**

  ✗ 1. 72°

  ✗ 2. 36°

  ✔ 3. 54°

  ✗ 4. 18°

> Question ID : **98958013464**
>
> Status : **Not Attempted and Marked For Review**
>
> Chosen Option : **--**

**Q.15** The table below indicates the percentage of students and the ratio of boys and girls in the various streams of a college.
(Total students = 2600)

| Stream | CE | CS | IT | ME | EC |
|---|---|---|---|---|---|
| % Students | 20% | 18% | 21% | 22% | 19% |
| Boys : Girls | 3 : 2 | 4 : 5 | 3 : 4 | 6 : 5 | 9 : 10 |

What is the ratio of boys and girls in the college?

**Ans**

  ✗ 1. 5 : 6

  ✗ 2. 6 : 7

  ✔ 3. 1 : 1

  ✗ 4. 7 : 8

> Question ID : **98958013471**
>
> Status : **Not Attempted and Marked For Review**
>
> Chosen Option : **--**

**Q.16** If $\csc \theta = \frac{13}{12}$, then $\sin \theta + \cos \theta - \tan \theta$ is equal to:

**Ans**

✗ 1. $\dfrac{91}{65}$

✗ 2. $\dfrac{139}{65}$

✗ 3. $\dfrac{71}{65}$

✔ 4. $-\dfrac{71}{65}$

Question ID : **98958013468**

Status : **Answered**

Chosen Option : **4**

---

**Q.17** Two articles are sold for ₹5,104 each. On one, the seller gains 16% and on the other, he loses 12%. What is his overall gain percent, nearest to two decimal places?

Ans
✔ 1. 0.08%

✗ 2. 0.12%

✗ 3. 0.14%

✗ 4. 0.10%

Question ID : **98958013454**

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

Chosen Option : **--**

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**Q.18** In $\triangle ABC$, AD is a median and P is a point on AD such that AP : PD = 3 : 4. Then ar($\triangle BPD$) : ar($\triangle ABC$) is equal to:

Ans
✗ 1. $1 : 3$

✔ 2. $2 : 7$

✗ 3. $4 : 7$

✗ 4. $2 : 5$

Question ID : **98958013465**

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

Chosen Option : **--**

---

**Q.19** A is 40% more efficient than B and C is 20% less efficient than B. Working together, they can complete a task in 20 hours. In how many hours will A alone complete 35% of that task?

Ans
✗ 1. 13

✗ 2. 15

✔ 3. 16

✗ 4. 14

Question ID : **98958013457**

Status : **Answered**

Chosen Option : **3**

---

**Q.20** If $\sin\theta = \cos(50° + \theta)$, then $\theta$ is equal to:

Ans
✔ 1. $20°$

✗ 2. 25°

✗ 3. 30°

✗ 4. 35°

Question ID : **98958013467**

Status : **Answered**

Chosen Option : **2**

---

**Q.21** The table below indicates the percentage of students and the ratio of boys and girls in the various streams of a college.
(Total students = 2600)

| Stream | CE | CS | IT | ME | EC |
|---|---|---|---|---|---|
| % Students | 20% | 18% | 21% | 22% | 19% |
| Boys : Girls | 3 : 2 | 4 : 5 | 3 : 4 | 6 : 5 | 9 : 10 |

If the data about the number of girls enrolled in the various streams is represented by a pie-chart, what is the central angle of the sector representing the number of girls in the ME stream, to the nearest whole degree?

**Ans** ✗ 1. 68°

✗ 2. 70°

✔ 3. 72°

✗ 4. 74°

Question ID : **98958013473**

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

Chosen Option : **--**

---

**Q.22** Two chords AB and CD of a circle when produced, meet at a point P outside the circle. If AB = 6 cm, PB = 5 cm, PD = 4 cm, then CD is equal to:

**Ans** ✗ 1. 8.25 cm

✗ 2. 7.5 cm

✔ 3. 9.75 cm

✗ 4. 7.75 cm

Question ID : **98958013463**

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

Chosen Option : **--**

---

**Q.23** The table below indicates the percentage of students and the ratio of boys and girls in the various streams of a college.
(Total students = 2600)

| Stream | CE | CS | IT | ME | EC |
|---|---|---|---|---|---|
| % Students | 20% | 18% | 21% | 22% | 19% |
| Boys : Girls | 3 : 2 | 4 : 5 | 3 : 4 | 6 : 5 | 9 : 10 |

In which stream, is the difference in the percentage of boys and girls minimum?

**Ans** ✔ 1. EC

✗ 2. CS

✗ 3. IT

✗ 4. ME

Question ID : **98958013472**

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

Chosen Option : **--**

**Q.24** An article is sold for ₹1,680 after two successive discounts of 20% and 16%. What is the marked price of the article?

Ans ✗ 1. ₹2,300

✗ 2. ₹2,200

✔ 3. ₹2,500

✗ 4. ₹2,400

Question ID : **98958013452**
Status : **Answered**
Chosen Option : **3**

**Q.25** If $\sqrt{x} - \frac{1}{\sqrt{x}} = \sqrt{6}$, then $x^2 + \frac{1}{x^2}$ is equal to:

Ans ✔ 1. 62

✗ 2. 40

✗ 3. 54

✗ 4. 66

Question ID : **98958013461**
Status : **Answered**
Chosen Option : **1**

Section : **English Comprehension**

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

**Heavy taxes have been imposed on luxury items by the government.**

Ans ✗ 1. The government is imposing heavy taxes on luxury items.

✔ 2. The government has imposed heavy taxes on luxury items.

✗ 3. The government imposed heavy taxes on luxury items.

✗ 4. The government had imposed heavy taxes on luxury items.

Question ID : **98958012749**
Status : **Answered**
Chosen Option : **2**

**Q.2** Select the most appropriate antonym of the given word.

**COVETOUS**

Ans ✔ 1. benevolent

✗ 2. acquisitive

✗ 3. avaricious

✗ 4. mercenary

Question ID : **98958012763**
Status : **Not Answered**
Chosen Option : **--**

**Q.3** Select the correctly spelt word.

Ans ✗ 1. desparate

✘ 2. desperete

✔ 3. desperate

✘ 4. disparat

Question ID : **98958012768**

Status : **Answered**

Chosen Option : **1**

---

**Q.4** **Select the correct passive form of the given sentence.**

**She never trusted anyone.**

Ans   ✘ 1. Her trust was never for anyone.

✘ 2. She was never trusted by anyone.

✔ 3. No one was ever trusted by her

✘ 4. Anyone is not trusted by her.

Question ID : **98958012748**

Status : **Answered**

Chosen Option : **3**

---

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

**TACITURN**

Ans   ✘ 1. phlegmatic

✘ 2. talkative

✔ 3. reticent

✘ 4. placid

Question ID : **98958012761**

Status : **Answered**

Chosen Option : **3**

---

**Q.6** **Select the most appropriate meaning of the underlined idiom in the given sentence.**

**A mountaineer has to walk the tight rope as a small slip can prove to be fatal.**

Ans   ✘ 1. be very nervous

✔ 2. be very cautious

✘ 3. be well trained

✘ 4. be an expert

Question ID : **98958012764**

Status : **Answered**

Chosen Option : **2**

---

**Q.7** **Given below are four jumbled sentences. Select the option that gives their correct order.**

**A. Then, they spread as the unmined coal starts burning with oxygen drawn from pores and mine shafts.**
**B. An entire township- Jharia is to be relocated because of the uncontrollable underground fires.**
**C. These fires start mostly from burning trash close to coal pits.**
**D. This is a grave threat as poisonous fumes of carbon monoxide rise up from underground fires.**

Ans   ✔ 1. BCAD

✗ 2. CDAB

✗ 3. DCAB

✗ 4. BDAC

Question ID : **98958012759**

Status : **Answered**

Chosen Option : **1**

**Q.8** **Select the most appropriate option to fill in the blank.**

**The ship sailed smoothly owing to _____ winds.**

Ans　✗ 1. turbulent

✗ 2. tempestuous

✓ 3. favourable

✗ 4. boisterous

Question ID : **98958012770**

Status : **Answered**

Chosen Option : **3**

**Q.9** **Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.**

**The big farmers with deepest tubewells still have water, but many others face a water crisis.**

Ans　✗ 1. in deep tubewells

✗ 2. through deepest tubewells

✗ 3. No improvement

✓ 4. with deeper tubewells

Question ID : **98958012751**

Status : **Not Answered**

Chosen Option : **--**

**Q.10** **Select the most appropriate meaning of the underlined idiom in the given sentence.**

**The boss is going to blow his top when he discovers the blatant mistake in the balance sheet.**

Ans　✗ 1. dismiss from job

✗ 2. be very embarrassed

✓ 3. be very angry

✗ 4. attack fiercely

Question ID : **98958012765**

Status : **Answered**

Chosen Option : **3**

**Q.11** **Select the most appropriate synonym of the given word.**

**MAMMOTH**

Ans　✓ 1. gigantic

✗ 2. miniscule

✗ 3. perilous

✗ 4. magnificent

Question ID : **98958012760**

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.

Some agitating <u>miners allegation that there is </u>no emergency measures inside the mines.

Ans ✓ 1. miners alleged that there were

✗ 2. No improvement

✗ 3. miner's allegation that there are

✗ 4. miners' allege that there is

Question ID : **98958012750**

Status : **Answered**

Chosen Option : **1**

---

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

A place for storing guns and military equipment

Ans ✗ 1. archive

✓ 2. arsenal

✗ 3. apiary

✗ 4. aviary

Question ID : **98958012767**

Status : **Answered**

Chosen Option : **2**

---

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

A. But the rest of the students were rushing past her for a break, like she didn't exist.
B. She slowly pushed open the library door and took a seat at one of the tables in the corner.
C. And today, Jessica really felt like maybe she didn't exist.
D. When the bell rang for lunch, Jessica took her lunch box and started moving towards the library.

Ans ✓ 1. DACB

✗ 2. BDCA

✗ 3. DBCA

✗ 4. CADB

Question ID : **98958012758**

Status : **Answered**

Chosen Option : **1**

---

**Q.15** Select the most appropriate option to fill in the blank.

A _____ speech is certainly more effective than one which is verbose.

Ans ✓ 1. laconic

✗ 2. sullen

✗ 3. lengthy

✗ 4. surly

Question ID : **98958012771**
Status : **Answered**
Chosen Option : **1**

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

**A place where fruit trees are grown**

Ans    ✔ 1. orchard

✗ 2. farm

✗ 3. plantation

✗ 4. garden

Question ID : **98958012766**
Status : **Answered**
Chosen Option : **1**

**Q.17**

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

**The length of a male swallow's tail reveal his attractiveness for a female swallow.**

Ans    ✗ 1. The length of

✔ 2. a male swallow's tail reveal

✗ 3. a female swallow

✗ 4. his attractiveness for

Question ID : **98958012746**
Status : **Answered**
Chosen Option : **1**

**Q.18**

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

**My father dissuaded me to try for a job as he wanted me to pursue higher studies.**

Ans    ✗ 1. as he wanted me

✗ 2. My father dissuaded me

✗ 3. to pursue higher studies

✔ 4. to try for a job

Question ID : **98958012747**
Status : **Not Answered**
Chosen Option : **--**

**Q.19** **Select the correctly spelt word.**

Ans    ✔ 1. exhibition

✗ 2. afliction

✗ 3. voilation

✗ 4. tution

Question ID : **98958012769**
Status : **Answered**

**Q.20** **Select the most appropriate antonym of the given word.**

**CRUCIAL**

Ans   ✔ 1. trivial

✘ 2. imperative

✘ 3. pivotal

✘ 4. critical

Question ID : **98958012762**
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.

Ironically, the dams that were constructed to (1)_____ floods have triggered floods due to sedimentation in the reservoir. The (2)_____ of water from dams during heavy rains aggravated- the flood situation (3)_____ Maharashtra and Gujarat in 2006. The floods (4)_____ not only life and property but also caused soil erosion. Sedimentation (5)_____ the plains of silt, a natural fertilizer.

**SubQuestion No : 21**

**Q.21** **Select the most appropriate option to fill in blank No.1**

Ans   ✘ 1. dominate

✔ 2. control

✘ 3. reduce

✘ 4. resist

Question ID : **98958012753**
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.

Ironically, the dams that were constructed to (1)_____ floods have triggered floods due to sedimentation in the reservoir. The (2)_____ of water from dams during heavy rains aggravated- the flood situation (3)_____ Maharashtra and Gujarat in 2006. The floods (4)_____ not only life and property but also caused soil erosion. Sedimentation (5)_____ the plains of silt, a natural fertilizer.

**SubQuestion No : 22**

**Q.22** **Select the most appropriate option to fill in blank No.2**

Ans   ✘ 1. restraint

✘ 2. collection

✔ 3. release

✘ 4. liberation

Question ID : **98958012754**
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.

Ironically, the dams that were constructed to (1)_____ floods have triggered floods due to sedimentation in the reservoir. The (2)_____ of water from dams during heavy rains aggravated- the flood situation (3)_____ Maharashtra and Gujarat in 2006. The floods (4)_____ not only life and property but also caused soil erosion. Sedimentation (5)_____ the plains of silt, a natural fertilizer.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank No.3**

Ans ✗ 1. through

✗ 2. among

✓ 3. in

✗ 4. along

Question ID : **98958012755**
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.

Ironically, the dams that were constructed to (1)_____ floods have triggered floods due to sedimentation in the reservoir. The (2)_____ of water from dams during heavy rains aggravated- the flood situation (3)_____ Maharashtra and Gujarat in 2006. The floods (4)_____ not only life and property but also caused soil erosion. Sedimentation (5)_____ the plains of silt, a natural fertilizer.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in blank No.4**

Ans ✓ 1. devastated

✗ 2. devoured

✗ 3. smashed

✗ 4. plundered

Question ID : **98958012756**
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.

Ironically, the dams that were constructed to (1)_____ floods have triggered floods due to sedimentation in the reservoir. The (2)_____ of water from dams during heavy rains aggravated- the flood situation (3)_____ Maharashtra and Gujarat in 2006. The floods (4)_____ not only life and property but also caused soil erosion. Sedimentation (5)_____ the plains of silt, a natural fertilizer.

**SubQuestion No : 25**

**Q.25 Select the most appropriate option to fill in blank No.5**

Ans ✓ 1. deprived

✗ 2. distributed

✗ 3. destroyed

✗ 4. disabled

Question ID : **98958012757**