CGLE- Combined Graduate Level Tier-I, 2018 Examination

Roll No.	
Registration No.	
Name	
Test Venue	HR Institute of Technology
Test Time	10:00 AM - 11:00 AM
Test Date	11/06/2019

Section: General Intelligence and Reasoning

Q.1 Priyank is Akshay's brother. Sonia is Saksham's sister. Akshay is Sonia's son. How is Priyank related to Sonia?

Ans

X 1. Nephew

X 2. Father

✓ 3. Son

X 4. Brother

Question ID: 98958013833

Status : Answered Chosen Option : 3

Q.2 At a party, the number of girls is half the number of boys. After an hour, five boys leave the party and three girls join the party. How many people were present at the party an hour before?

Ans

X 1. 16

X 2. 8

3. 24

X 4. 22

Question ID: 98958013841

Status : Not Attempted and Marked For Review

Chosen Option: --

Q.3 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

Ans

X 1. Thorium

X 2. Uranium

X 3. Radium

4. Sodium

Question ID : 98958013827 Status : Answered

Chosen Option : 4

Q.4 Select the word pair in which the two words are related in the same way as the two words in the following word-pair.

Brass: Copper

Ans

X 1. Chromium : Silver

X 2. Bronze : Gold

X 3. Nickle: Iron



Question ID: 98958013829 Status: Answered Chosen Option: 1

Find the missing number from the below options.

- 17 22 37
- 23 28 43
- ? 16 36

Ans X 1. 12

- X 2. 32
- **3**. 21
- X 4. 34



Question ID: 98958013838 Status: Not Answered

Chosen Option : --

Q.6 Select the terms that will replace the ? in the following series.

Z, X, V, ?, R, P, ?

- Ans X 1. S, N
 - X 2. S, O
 - X 3. T, O
 - ✓ 4. T, N

Question ID: 98958013832 Status: Answered

Chosen Option: 4

- Arrange the following words in a logical and meaningful order.
 - 1) Write
 - 2) Publish
 - 3) Author
 - 4) Reader
 - 5) Sale

- **√** 1. 3, 1, 2, 5, 4
- × 2. 4, 3, 1, 2, 5
- X 3. 3, 2, 1, 5, 4
- X 4. 1, 3, 2, 5, 4

Question ID: 98958013825 Status: Answered

Chosen Option: 1

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

OBE, PDH, QFK, RHN, ?

Ans

- X 1. SKQ
- X 2. RJQ
- √ 3. SJQ
- X 4. SJP

Question ID: 98958013824

Status: Answered

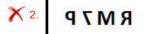
Chosen Option: 3

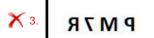
Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.

R7MP

Ans







Question ID: 98958013846

Status: Answered

Chosen Option: 1

Q.10 Which two signs should be interchanged in the following equation to make it correct?

$$24 \div 8 - 5 \times 5 + 3 = 13$$

Ans
$$\times$$
 1. \times and $-$

$$\checkmark$$
 2. \times and +

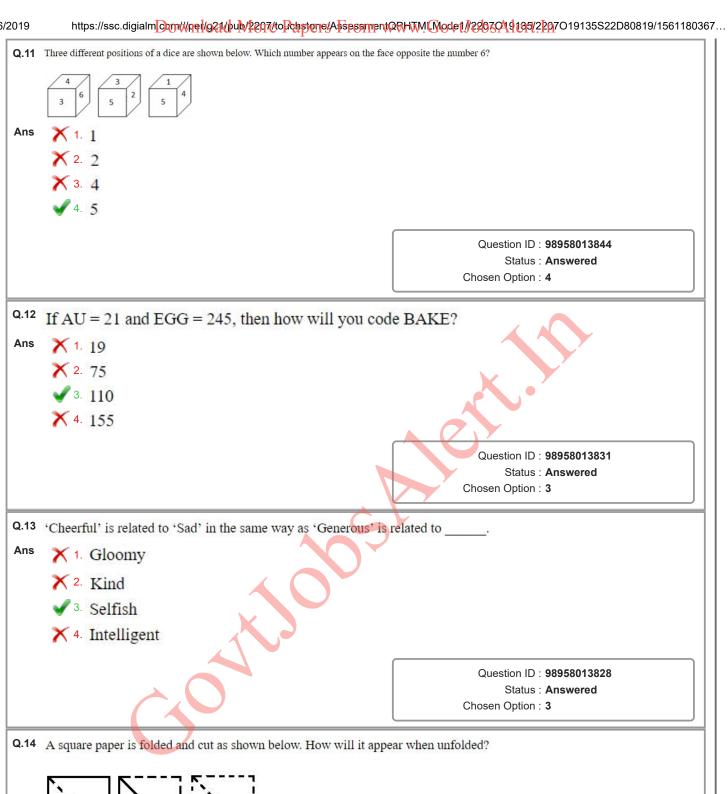
$$\times$$
 3. \div and \times

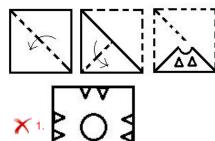
$$\times$$
 4. \div and $+$

Question ID: 98958013840

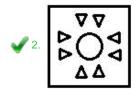
Status: Answered

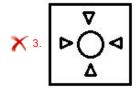
Chosen Option: 1

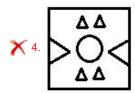




Ans





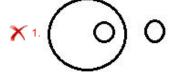


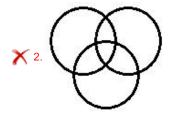
Question ID: 98958013847 Status: Answered

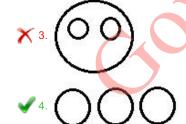
Chosen Option: 2

Q.15 Choose the Venn diagram from the given options which best represents the relationship amongst the following classes:

Ans







Question ID: 98958013848 Status: Answered

Chosen Option: 4

Q.16 In a code language, NEEDLE is written as MFDEKF. How will HAMMER be written in the same language?

Ans

X 1. GBLNFT

X 2. IBLNDS

X 3. GALNDS

4. GBLNDS

Question ID: 98958013830 Status: Answered

Chosen Option: 4

Q.17 Find the missing number from the below options.

3 19

40

Ans

X 2. 80

X 3. 72

X 4. 100

Question ID: 98958013839

Status: Answered

Chosen Option: 1

Q.18 Three of the following four number-pairs are alike in a certain way and one is different. Pick the odd one out.

Ans

X 1 65-101

× 2. 26-50

X 3. 17-37

4. 49-82

Question ID: 98958013837

Not Attempted and Status : Marked For Review

Chosen Option: --

Q.19 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 teachers are painters Some painters are rich.

Conclusions:

I. All painters are teachers.

II. Some rich are not painters.

★ 1. Only conclusion II follows

Neither conclusion I nor II follows

3. Only conclusion I follows

X 4. Either conclusion I or II follows

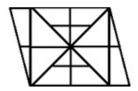
Question ID: 98958013834

Status: Answered

Chosen Option: 2

Q.20

How many triangles are there in the following figure?



Ans

X 1. 16

2. 30

X 3. 32

X 4. 22

Question ID: 98958013843 Status: Not Answered

Chosen Option: -

Q.21 Select the option that is related to the third number in the same way as the second number is related to the first number.

2139:3246::4262:____.

Ans

X 1. 1461

2. 2471

X 3. 2371

X 4. 2483

Question ID: 98958013836

Status: Answered

Chosen Option: 2

Q.22 Select the term that will come next in the following series.

57, 62, 31, 36, 18, ?

Ans X 1. 34

2. 23

X 3. 19

X 4. 36

Question ID: 98958013835

Status: Answered

Chosen Option: 2

Q.23 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

Ans

X 1. FGE

√ 2. NOR

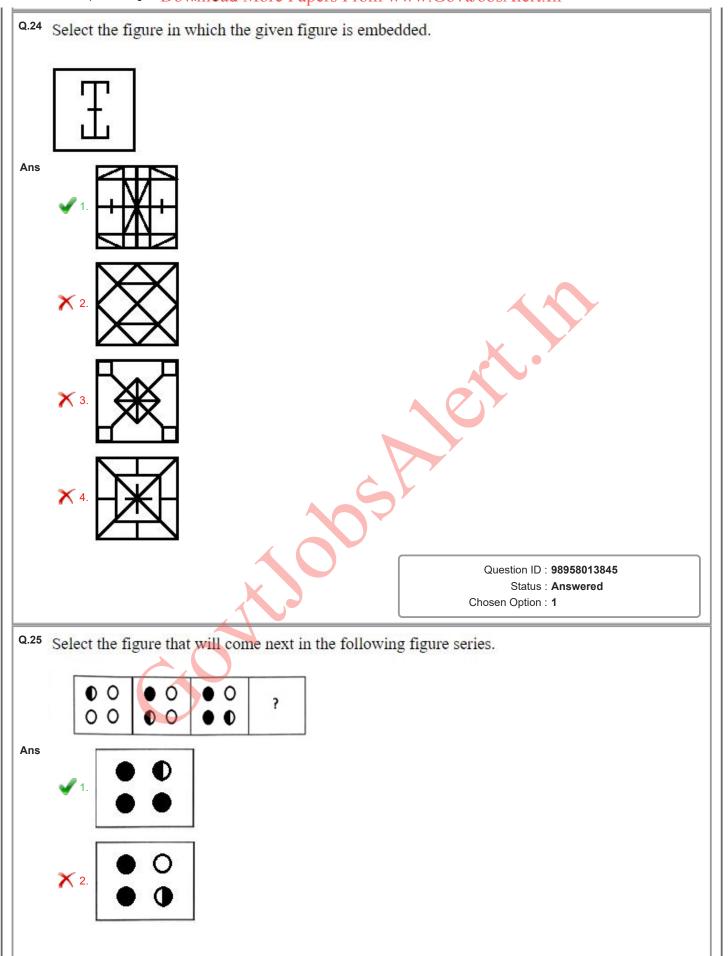
X 3. KLJ

X 4. YZX

Question ID: 98958013826

Status: Answered

Chosen Option: 2



Q.1 The Sepoy Mutiny in India started from _

Ans

6/26/2019

3. Bareilly

X 4. Champaran

Question ID: 98958014438 Status: Not Answered

Chosen Option: --

Q.2 What is the term of the elected representatives of a Gram Panchayat?

Ans

3. 2 years

Question ID: 98958014442 Status: Answered

Chosen Option: 1

Q.3 Marfati' songs are traditional folk songs of _

Ans

1. Afghanistan

2. Bangladesh

3. Pakistan

X 4. Nepal

Question ID: 98958014424 Status: Not Answered

Chosen Option: --

Q.4 Which scientist discovered the 'Penicillin'?

Ans

X 1. Louis Pasteur

2. Alexander Fleming

Question ID : 98958014439
Status : Answered

Q.17 The demand for a commodity or service which is a consequence of the demand for something else is called _____

Ans

X 1. Income Demand

X 2. Direct Demand

X 3. Composite Demand

4. Sam Manekshaw

4. Derived Demand

Question ID : 98958014427 Status : Not Answered

Chosen Option : --

Chosen Option : 4

Q.18 In which year was the East India Company incorporated for the exploitation of trade with East and Southeast Asia and India?

Ans

1. 1612

X 2, 160

3. 1600

X 4. 1596

Q.23 The energy derived from the heat of Earth is called ____ Ans

1. Geothermal Energy

2. Solar Energy

3. Biogas

Status: Answered

Chosen Option: 3

X 4. Tidal Energy

Question ID : 98958014435 Status : Answered Chosen Option : 1

Q.24 Which article of the Constitution of India talks about the provisions for impeachment of the President of India?

Ans

- X 1. Article 51
- 2. Articl
- X 3. Article 54
- X 4. Article 63

Question ID: 98958014443
Status: Answered
Chosen Option: 2

Q.25 Identify the foreigner who has been conferred the second highest civilian award in India, Padma Vibhushan for 'exceptional and distinguished service' in 2019.

Ans

- X 1. John Chambers
- 2. Ismail Omar Guelleh
- X 3. Pravin Gordhan
- X 4. Kader Khan

Question ID : 98958014447
Status : Not Answered

Chosen Option : --

Section: Quantitative Aptitude

Q.1 The difference between the compound interest and simple interest on \mathfrak{T} x at 8.5% per annum for 2 years is \mathfrak{T} 28.90. The value of x is:

Ans

- X 1. 3500
- X 2. 3800
- **3**. 4000
- X 4. 4500

Question ID: 98958013431 Status: Answered Chosen Option: 3

If $\cot \theta = \frac{3}{4}$, then $\sin \theta + \cos \theta - \tan \theta$ is equal to:

Ans

- \times 1. $-\frac{1}{20}$
- \times 2. $\frac{2}{15}$
- \times 3. $\frac{1}{20}$
- **√** 4. 1

Question ID : 98958013443 Status : Answered

Chosen Option: 4

Q.3 The following table indicates the number of students studying in three disciplines in five colleges:

Disciplines	Colleges				
	Α	В	С	D	E
Science	300	350	275	400	275
Commerce	250	400	325	275	250
Economics	400	450	250	300	500

What is the ratio of the total number of students studying in the science stream to that of studying in commerce stream in all five colleges taken together?

Ans

1. 16:15

X 2. 16:19

X 3. 14:15

X 4. 19:15

Question ID: 98958013445

Status : Answered

Chosen Option: 1

Q.4 The following table indicates the number of students studying in three disciplines in five colleges:

Disciplines	Colleges				
	Α	В	С	D	E
Science	300	350	275	400	275
Commerce	250	400	325	275	250
Economics	400	450	250	300	500

What percentage of total students are studying in the commerce stream in all five colleges together?

Ans

X 1 28%

2 30%

X 3. 32%

X 4. 33%

Question ID: 98958013447

Status : Answered

Chosen Option: 2

Q.5 If a: b = 5:3, then (8a - 5b): (8a + 5b) is equal to:

Ans

X 1. 3:13

X 2. 2:5

X 3. 3:11

√ 4. 5 : 11

Question ID: 98958013430

Status : Answered

Chosen Option : 4

Q.6 The average marks of 45 students was found to be 66. If the marks of two students were incorrectly entered as 28 and 64 instead of 82 and 46 respectively, then what is the correct average?

Ans

1 67

- 2. 66.8
- X 3. 66.4
- X 4. 66.6

Question ID: 98958013426 Status: Answered

Chosen Option: 2

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

- Ans X 1. 62
 - **2**. 14
 - X 3. 16
 - X 4. 36

Question ID: 98958013436 Status: Answered

Chosen Option: 2

Q.8 The price of sugar is increased by 22 %. A person wants to increase his expenditure by 12 % only. By what percent should he decrease his consumption, nearest to one decimal place?

Ans

- X 1. 10%
- X 2. 7.8%
- 3. 8.2%
- X 4. 8.6%

Question ID: 98958013428

Status: Answered

Chosen Option: 3

Q.9 An article is sold for ₹657.90 after successive discounts of 15 % and 10 %. What is the marked price of the article?

Ans

- X 1. ₹920
- 2. ₹860
- X 3. ₹900
- X 4. ₹880

Question ID: 98958013427

Status: Answered

Chosen Option: 2

Q.10 The radii of two circular faces of the frustum of a cone of height 21 cm are 3 cm and 2 cm respectively. What is the volume of the frustum of the cone in cm³ ($\pi = \frac{22}{7}$)?

- X 1. 154
- X 2. 286
- X 3. 345
- 4. 418

Question ID: 98958013434

Status: Answered Chosen Option: 4

Q.11 The value of:

 $2.8 + (5.2 \div 1.3 \times 2) - 6 \times 3 \div 8 + 2$

Ans

- X 1. 6.45
 - X 2. 4.55
 - X 3. 8.45
 - 4. 10.55

Question ID: 98958013425 Status: Answered

Chosen Option: 4

The value of $\sec^2 28^\circ - \cot^2 62^\circ + \sin^2 60^\circ + \csc^2 30^\circ$ is equal to:

Ans

Question ID: 98958013444

Status: Answered

Chosen Option: 4

Q.13 Two articles are sold for ₹10,005 each. On one, the seller gains 15% and on the other, he loses 13%. What is his overall gain or loss percent, correct to two decimal places?

- X 1.1.42% gain
- X 2. 1.42% loss
- ✓ 3. 0.94% loss
- X 4. 0.94% gain

Question ID: 98958013429

Status: Not Answered

Chosen Option: --

Q.14 In \triangle ABC, AD is a median and P is a point on AD such that AP: PD = 3: 4. Then $ar(\triangle APB)$: $ar(\triangle ABC)$ is equal to:

- X 1.2:7
- X 2. 3:4
- X 3. 3:7
- 4.3:14

Question ID: 98958013440 Status: Not Answered

Chosen Option: --

If a+b+c=8 and ab+bc+ca=12, then $a^3+b^3+c^3-3abc$ is equal to:

- X 1. 192
- **2**. 224
- X 3. 144

X 4. 400

Question ID: 98958013437 Status: Answered Chosen Option: 2

Q.16 The following table indicates the number of students studying in three disciplines in five colleges:

Disciplines	Colleges				
	A	В	C	D	E
Science	300	350	275	400	275
Commerce	250	400	325	275	250
Economics	400	450	250	300	500

If a pie-chart is drawn representing the number of students in all five colleges, what is the central angle (correct to the nearest whole number) of the sector representing the students of college B?

Ans

- X 1. 80°
- X 2. 82°
- X 3. 84°
- 4. 86°

Question ID: 98958013448

Status: Answered

Chosen Option: 4

Q.17 Chords AB and CD of a circle, when produced, meet at a point P outside the circle. If AB = 6 cm, CD = 3 cm and PD = 5 cm, then PB is equal to:

Ans

- X 1. 6 cm
- X 2. 6.25 cm
- X 3. 5 cm
- 4. 4 cm

Question ID: 98958013438 Status: Answered

Chosen Option: 4

Q.18 A is 40% more efficient than B and C is 20% less efficient than B. Working together, they can finish a task in 15 days. In how many days, will B alone complete 75% of the task?

Ans

- 1. 36
- X 2. 48
- X 3. 32
- X 4. 44

Question ID: 98958013432 Status: Answered

Chosen Option: 1

Q.19 In a circle with centre O, AB is the diameter and CD is a chord such that ABCD is a trapezium. If $\angle BAC = 25^\circ$, then

- X 1. 45°
- X 2. 65°
- 3. 40°
- X 4. 25°

Question ID: 98958013439 Status: Answered

Chosen Option: 3

If $\tan 4\theta = \cot(2\theta + 30^\circ)$, then θ is equal to:

Ans

- X 1. 15°
- ✓ 2. 10°
- X 3. 20°
- X 4. 25°

Question ID: 98958013442 Status: Answered

Chosen Option: 2

If a + b = 5 and ab = 3, then $(a^3 + b^3)$ is equal to:

- Ans X 1. 70
 - X 2. 75
 - **3**. 80
 - X 4. 65

Question ID: 98958013435

Status: Answered

Chosen Option: 3

Q.22 What is the least value of x such that 517x324 is divisible by 12?

Ans

Question ID: 98958013424

Status: Answered

Chosen Option: 4

Q.23 A train without stoppage travels with an average speed of 65 km/h and with stoppage, it travels with an average speed of 52 km/h. For how many minutes does the train stop on an average per hour?

- X 1. 13
- X 2. 15
- **3**. 12
- X 4. 14

Question ID: 98958013433

Status: Answered Chosen Option: 3

Q.24 The following table indicates the number of students studying in three disciplines in five colleges:

Disciplines	Colleges				
	Α	В	С	D	E
Science	300	350	275	400	275
Commerce	250	400	325	275	250
Economics	400	450	250	300	500

What percentage of students in college B is studying in the science stream, (correct to one decimal place)?

Ans

1. 29.4%

2. 29.2%

3. 29.6%

4. 29.8%

Question ID: 98958013446 Status: Answered

Chosen Option: 2

Q.25 $\triangle ABC \sim \Delta QRP$ and PQ = 6 cm, QR = 8 cm and PR = 10 cm. If $ar(\triangle ABC)$: $ar(\triangle PQR) = 1:4$, then AB is equal to:

Ans

X 1. 2 cm

× 2. 5 cm

3. 3 cm

Question ID: 98958013441

Status: Answered

Chosen Option: 4

Section: English Comprehension

Q.1 Select the correctly spelt word.

Ans

3. tuetion

💢 4. tuttion

Question ID: 98958012742

Status: Answered

Chosen Option: 1

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

Your coming home to dinner on time should be a rule rather the exception.

Ans

1. shall be a rule rather than a exception

2. No improvement

3. should be a rule rather being the exception

4. should be the rule rather than the exception

Question ID: 98958012724

Status: Marked For Review

Chosen Option: 1

Q.3 Select the correctly spelt word.

Ans

X 1. previledge

2. peivailege

3. privilege

4. previllage

Question ID: 98958012743 Status: Answered

Chosen Option: 3

Q.4 Select the most appropriate option to fill in the blank.

She got a lucrative job of a translator because she was _____ in French.

X 1. sufficient

2. efficient

3. deficient

4. proficient

Question ID: 98958012745

Status: Answered

Chosen Option: 4

Q.5 Select the most appropriate meaning of the underlined idiom in the given sentence.

True friends stay by our side through thick and thin.

1. under all circumstances

X 2. in happy moments

X 3. in difficult times

X 4. in different weathers

Question ID: 98958012738

Status: Answered

Chosen Option: 1

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

One who is a great lover of books

Ans

1. bibliophile

2. xenophile

3. hemophile

X 4. pedophile

Question ID: 98958012741

Status: Answered

Chosen Option: 1

Q.7 Select the word which means the same as the group of words given.

https://ssc.digialm_chm///qqi/g21//pub/2207/to-rehistorie/Assesment@RHTM_Node1//2207Q19135/2207O19135S22D80819/1561180367... A fictitious name used by an author Ans 1. pesudonym 2. homonym 3. alibi 4. anonymous Question ID: 98958012740 Status: Answered Chosen Option: 1 Q.8 Select the most appropriate antonym of the given word. **ARROGANCE** Ans 1. sweetness 2. humility 3. superiority 4. vanity Question ID: 98958012736 Status: Answered Chosen Option: 1 Q.9 Given below are four jumbled sentences. Select the option that gives their correct order. A. The brain is active too during sleep, sending messages for the heart to beat regularly. B. However, the body utilizes the sleeping time effectively. C. We spend about one third of our time sleeping. D. It produces energy and releases hormones for repair and growth during the night. Ans 2. BADC 3. ABDC X 4. CABD Question ID: 98958012732 Status: Marked For Review Chosen Option: 4 Q.10 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement. Knowing the particular things that motivate each person help you add power to their motivation. Ans 1. No improvement 2. help you to add power 3. helps you add power

X 4. help you adding power

Question ID: 98958012725 Status: Answered

Chosen Option: 2

Q.11 Select the most appropriate option to fill in the blank.

The committee reached _____ decision regarding the appointment of the chairman. X 1. a compatible Ans 2. a unanimous 3. an exemplary X 4. an agreeable Question ID: 98958012744 Status: Answered Chosen Option: 2 Q.12 In the sentence identify the segment which contains the grammatical error. There isn't many rice left in the house so we must replenish our stock soon. Ans X 1. our stock soon 2. so we must replenish 3. There isn't many rice X 4. left in the house Question ID: 98958012720 Status: Answered Chosen Option: 3 Q.13 Select the most appropriate antonym of the given word. **MEAGRE** Ans 1. plentiful 2. inadequate X 3. scanty X 4. premium Question ID: 98958012737 Status: Answered Chosen Option: 1 Q.14 Select the correct active form of the given sentence. We will all be greatly benefitted by this scheme. 1. This scheme has greatly benefitted us all. 2. This scheme would greatly benefit we all. 3. This scheme will greatly benefit us all. 4. This scheme is going to greatly benefit us all. Question ID: 98958012723 Status: Answered Chosen Option: 3 Q.15 In the sentence identify the segment which contains the grammatical error. Ten kilometres are a long distance to cover on foot for a child. Ans 1. Ten kilometres are

	Question ID : 98958012728 Status : Not Answered Chosen Option :
Comprehension: In the following passage some words have been deleted. Fill in the blanks alternatives given. Select the most appropriate option for each blank. Leaving his car with the valet, he (1) the hotel and joined the large (2) He found a badge waiting for him (3) the receptionist's (4) in the rear of the hall. When the place was (5) the mode crowd.	crowd milling table and took his
SubQuestion No : 19 Q.19 Select the most appropriate option to fill in blank No.3. Ans 1. over	
2. at 3. in 4. by	
	Question ID : 98958012729 Status : Answered Chosen Option : 2
Comprehension: In the following passage some words have been deleted. Fill in the blanks alternatives given. Select the most appropriate option for each blank. Leaving his car with the valet, he (1) the hotel and joined the large (2) He found a badge waiting for him (3) the receptionist's (4) in the rear of the hall. When the place was (5) the mode crowd. SubQuestion No: 20 Q.20 Select the most appropriate option to fill in blank No.4. Ans	crowd milling table and took his erator welcomed the
	Question ID: 98958012730 Status: Answered Chosen Option: 4
Comprehension: In the following passage some words have been deleted. Fill in the blanks alternatives given. Select the most appropriate option for each blank. Leaving his car with the valet, he (1) the hotel and joined the large (2) He found a badge waiting for him (3) the receptionist's (4) in the rear of the hall. When the place was (5) the mode crowd. SubQuestion No: 21	crowd milling cable and took his

Ans

1. filled

X 2. completed



Question ID: 98958012731 Status: Answered Chosen Option: 1

- Q.22 Given below are four jumbled sentences. Select the option that gives their correct
 - A. But they faced grave danger if they tried to criticize these decisions.
 - B. The nationalists now began to openly criticize the policies of the British.
 - C. The freedom movement changed this situation.
 - D. Under colonial rule, the people had lived in fear of the British government and did not agree with many of the decisions that they took.

Ans

1. CBAD





4. DACB

Question ID: 98958012733 Status: Answered

Chosen Option: 4

Q.23 Select the most appropriate synonym of the given word.

Ans

🗙 1. dread

2. despair

3. dictate

4. delay

Question ID: 98958012734

Status: Answered

Chosen Option: 4

Q.24 Select the correct passive form of the given sentence.

The sailors had never encountered such a rough sea.

Ans

1. Such a rough sea was never encountered by the sailors.

2. Such a rough sea had never been encountered by the sailors.

3. Such a rough sea has never been encountered by the sailors.

4. Such a rough sea is never encountered by the sailors.

Question ID: 98958012722 Status: Answered

Chosen Option: 2

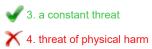
Q.25 Select the most appropriate meaning of the underlined idiom in the given sentence.

Due to increased number of lay offs in the industry, the sword of Damocles is always hanging over the employees.

Ans

1. strict rules and regulations

2. an ill omen of death



Question ID: 98958012739 Status: Answered Chosen Option: 3

