Combined Graduate Level Examination-2019 (Tier-I)

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

## Section : General Intelligence and Reasoning

Q. 1 How many triangles are there in the given figure?


Ans
X1. 8
$\times 2.12$
X 3.6
4. 10
Q. 2 In an exam of 80 questions, a correct answer is given +1 mark, a wrong answer is given -1 mark, and if a question is not attempted there are zero marks. If a student attempted only $80 \%$ of the questions and got 32 marks, then how many questions did he answer correctly?

Ans

1. 32
2. 48
$\times 3.56$4. 16
Q. 3 Select the option figure in which the given figure is embedded (rotation is not allowed).


Ans
$>1$.

$>2$

> 3.

$v 4$.

Q. 4 Select the letter that can replace the question mark (?) in the following series.

J, M, P, ?, V, Y
Ans $\quad$ 1. R
X 2.03. S

Х4. T
Q. 5 Select the letter-cluster that can replace the question mark (?) in the following series.

BRH, ZUD, ? , VAV, TDR, RGN
Ans
X 1. XYZ
$X$ 2. XZY
X 3. XZZ
ง 4. XXZ
Q. 6 Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.


Ans

Q. 7 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest.
Ans
X 1. 42-12
2. 57-38
$\times$ 3. 28-60
X4.39-72
Q. 8 Select the option that is related to the third number in the same way as the second number is related to the first number. 2809:53:: 1524 : ?
Ans
X 1.31

- 2. 32
$\times 3.33$
$\times 4.35$
Q. 9 'Cardiologist' is related to 'Heart' in the same way as 'Neurologist' is related to ' $\qquad$ $\therefore$

Ans
$X 1$ Lungs2. Ears
3. Brain4. Teeth
Q. 10 In a certain code language, 'HAMMER' is written as 'ICPQJX'. How will 'WRENCH' be written as in that language?

Ans
⒈ XTHRIN

- 2. XTHRHN
$X$ 3. XTIRHN
$X$ 4. Xtirin
Q. 11 Three different positions of the same dice are shown. Select the symbol that will be on the face opposite to the one showing ' $<$ '.


Ans
-1.@
X2. $\$$
X 3. \&
X $4 . \#$
Q. 12 Which two signs should be interchanged to make the given equation correct?
$36 \div 2 \times 12+3-6=24$
Ans
$\times 1 . \div$ and $\times$
X2. - and $\div$
3. $\times$ and -
$\times 4 .+$ and $\times$
Q. 13 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

| 7 | 13 | 6 |
| :--- | :--- | :--- |
| 4 | 22 | 18 |
| 15 | $?$ | 7 |

Ans

1. 22
$\times 2.24$
<3. 23
X4.21
Q. 14 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. All dogs are lions.
2. No elephant is a lion.

Conclusions:
I. No dog is an elephant.
II. No lion is a dog.
III. Some elephants are dogs.

Ans
$X$ 1. Only conclusion II follows.
$X$ 2. Only conclusions II and III follow.

- 3. Only conclusion I follows.

X 4. Only conclusions I and III follow.
Q. 15 Select the option in which the words share the same relationship as that shared by the given pair of words.

Faculty: Teachers
Ans

1. Fleet: Trucks
$X$ 2. Colony: Wolves
$X$ 3. Galaxy : Apartments
X 4. Ants: Flock
Q. 16 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.
Ans
2. FHKM
$X$ 2. BEHK
$X$ 3. JMPS
X 4. ADGJ
Q. 17 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
$\begin{array}{lll}5 & 4\end{array}$
156 ?
$9 \quad 11 \quad 202$
Ans
$\times 1.122$
X2. 212
X 3. 209

- 4. 261
Q. 18 Eight words have been given, out of which seven are alike in some manner and one is different. Select the odd word.

Monitor, Headphone, Mouse, Keyboard, Windows, Printer, Scanner, Speaker
Ans

1. Mouse
2. Monitor
3. Windows

X 4. Printer
Q. $19 \mathrm{~A}+\mathrm{B}$ means ' B is the brother of A ';
$\mathrm{A}-\mathrm{B}$ means ' A is the mother of B ';
$A \times B$ means ' $A$ is the father of $B$ ';
$A \div B$ means ' $A$ is the son of $B$ '.
If, $\mathrm{P}+\mathrm{R} \times \mathrm{T}-\mathrm{Q} \div \mathrm{S}+\mathrm{U}$, then how is S related to R ?
Ans
$X 1$. Brother
$X$ 2. Grandfather
$X$ 3. Grandson

- 4. Son-in-law
Q. 20 In the given Venn diagram, the 'circle' represents 'ladies', the 'triangle' represents 'teachers', and the 'rectangle' represents 'unmarried persons'. The numbers given in the diagram represent the number of persons in that particular category.


How many married ladies are teachers?
Ans
X 1.11
2. 6
$\times 3.9$4. 3
Q. 21 Select the number that can replace the question mark (?) in the following series.
$55,58,64, ?, 85$
Ans
X 1.70

- 2. 73
$\times 3.67$
$\times 4.77$
Q. 22 Select the correct mirror image of the given figure when a mirror is placed on the right of the figure.


Ans

Q. 23 In a certain code language, 'PEN' is coded as ' $321028^{\prime}$ '. How will 'TUB' be coded as in that language?

Ans

- 1. 40424
$\times 2.44024$
×3. 40422
$\times 4.42404$
Q. 24 Select the figure that can replace the question mark (?) in the following series.


Ans

$\times 2$

$\times 3$.
$\times 4$.
Q. 25 Arrange the following words in a logical and meaningful order.

1. Hexagon
2. Nonagon
3. Pentagon
4. Heptagon
5. Octagon

Ans

- 1. 3-1-4-5-2
$\times$ 2. 1-3-4-5-2
X 3. 4-3-1-2-5
X 4.1-4-5-2-3
Q. 1 In which district of Karnataka is the Brahmagiri Wildlife Sanctuary located?

Ans
X 1. Mandya
X
2. Udupi
3. Hassan4. Kodagu
Q. 2 Which of the following festivals means 'Merry making of the Gods'?

Ans < 1. Diwali2. Lai Haraoba3. Pongal4. Makar Sankranti
Q. 3 In which year was the foundation stone for the Gateway of India laid in Bombay (now Mumbai)?
Ans
X 1.19202. 19153. 19134. 1905
Q. 4 What was India's position in the Brand Finance Nation ranking of 2019?

Ans
2. Fifth3. Seventh

X
4. Sixth

## Q. 5 Which of the following is the major component of vinegar?

Ans1. Lactic acid2. Citric acid

X
3. Nitric acid
$v$
4. Acetic acid
Q. 6 Which of the following is NOT a vertebrate?

Ans
入1. Fish
X
2. Mammal3. Bird
4. Snai
Q. 7 Who among the following was the last ruler of the Nanda dynasty?

Ans
<1. Kaivarta
X 2. Govishanaka

- 3. Panduka4. Dhanananda
Q. 8 In which of the following states is the Madhavpur Mela celebrated?

Ans
2. Bihar
3. Uttar Pradesh
4. Madhya Pradesh
Q. 9 Objects that shine in the night sky are known as:

Ans
< 1. constellations2. celestial bodies3. meteoroids4. asteroids
Q. 10 Who among the following was honoured with the 50th Dadasaheb Phalke Award?

Ans
入1. Anupam Kher
(2. Kamal Haasan

X
3. Naseeruddin Shah
4. Amitabh Bachchan
Q. 11 Which of the following glands is present between the lungs?

Ans1. Pituitary

X
2. Pineal3. Hypothalamus4. Thymus
Q. 12 In January 2020, Home Minister Amit Shah released a book 'Karmayoddha Granth'. This book is based on the life of $\qquad$ .

Ans

1. Narendra Modi
2. Jawaharlal Nehru3. Sardar Vallabhbhai Patel
3. Mahatma Gandhi
Q. 13 Archaeologist R Nagaswamy was honoured at the Silver Jubilee International Conference of Art by which country?

Ans
<1. Nepal2. Bhutan
3. China
4. Bangladesh
Q. 14 In which of the following countries was the 95th edition of the prestigious Hastings International Chess Congress held?
Ans
< 1. France
2. England

X 3. Australia4. Belgium
Q. 15 When we cut an onion, the synthase enzyme converts the amino acid sulfoxides of the onion into which acid?

Ans
<1. Sulphuric acid

- 2. Sulfenic acid

X
3. Citric acid
$\$$
4. Nitric acid
Q. 16 Which state's Legislative Assembly adopted a new logo consisting of the national emblem and foxtail orchid (Rhynchostylis Retusa), the state flower, in January 2020?
Ans

- 1. Arunachal Pradesh
< 2. Meghalaya
X

3. Mizoram4. Tripura
Q. 17 Wings India 2020 is scheduled to be held in which of the following airports?

Ans
< 1. Vijayawada Airport
<
2. Rajahmundry Airport3. Warangal Airport
4. Begumpet Airport
Q. 18 In which state was the Global Investors Meet, ASCEND 2020 organised?

Ans
X 1. Gujarat2. Kerala
$X$
3. Rajasthan4. Maharashtra
Q. 19 Borra caves are situated on the East Coast of India in which of the following hills?

Ans
入1. Nagari Hills
X 2. Horsley Hills3. Nallamala Hills4. Ananthagiri Hill
Q. 20 Which of the following was previously known as 'the Lady Willingdon Park'?

Ans

1. Mughal Gardens
2. Deer Park

X
3. Buddha Jayanti Park
4. Lodhi Gardens
Q. 21 'Industry 4.0' is a complex cyber-physical system which synergies production with digital technologies. The Ministry of Railways and the Department of Science and Technology have joined hands in partnership with which institution for taking up a unique project on 'Industry 4.0'?

Ans
(1. IIT Madras
2. IIT Bombay
3. IIT Delhi
4. IIT Kanpur
Q. 22 Who became the first Indian equestrian to qualify for the Tokyo Olympics 2020?

Ans
入1. Amar Sarin

- 2. Fouaad Mirza

3. Amit Sinsinwar4. Sehej Singh Virk
Q. 23 Which law of physics states that the force between the two electric charges reduces to a quarter of its former value when the distance between them is doubled?
Ans
X 1. Stefan's Law2. Pascal's Law
4. Coulomb's Law4. Hooke's Law
Q. 24 In which state has the Khadi and Village Industries Commission (KVIC) opened the first silk processing plant?

Ans
入1. Tamil Nadu
$>$
2. Karnataka
3. Maharashtra
4. Gujarat
Q. 25 Ajatashatru, a ruler of the Haryanka Dynasty, was the son of $\qquad$ _.

Ans

1. Bimbisara

7 2. Anurudha3. Naga-Dasak
< 4. Udayin

Question ID : 123568139
Status: Not Attempted and
Marked For Review
Chosen Option: --

Section : Quantitative Aptitude
Q. 1

Ans
$\times 2$
$>3$.
$>4$.
Q. 2

Ans
$>1$
$\checkmark 2$
$\times 3$
$>4$.
Q. 3

Ans
< 1
$\checkmark 2$
> 3 .
$\times 4$.
Q. 4

Ans
X 1
$\times 2$
$\times 3$.
$\checkmark 4$
Q. 5

Ans
$X 1$
$\checkmark 2$
$\times 3$.
$\times 4$
Q. 6

Ans $X 1$
$\times 2$

- 3
$\times 4$
Q. 7

Ans
$X 1$
$\times 2$
>3.
Q. 8

Ans
$x$
$>3$
$\times 4$
Q. 9

Ans
Q. 10

Ans
$x^{1}$
$>3$
$\times 4$
Q. 11

Ans

Question ID : 123568160
Status: Answered
Q. 12

Ans
$<1$
$\checkmark 2$
X3
$>4$.
Q. 13

Ans
$>1$
< 2 .
X 3
Q. 14

Ans
$x{ }_{2}$
X ${ }^{3}$
$\times 4$
Q. 15

Ans
$\times 1$
$\times 2$

- 3
$\times 4$
Q. 16

Ans
$\times 1$
$\times 2$
$X 3$

- 4

Question ID : 123568171

Marked For Review
Q. 17

Ans

Question ID : 123568156
Status: Answered
Q. 18

Ans
$X 1$
$\times 2$
$\checkmark 3$
$\times 4$.

```
Q. 19
Ans
```

```
\(<2\)
- 3
\(>4\)
```

Q. 20

Ans
< 2.
> 3
$>4$.

## Q. 21

Ans

Question ID : 123568172
Status : Not Answered
Q. 22

Ans
$X 1$
$\times 2$
$\checkmark 3$
$\times 4$.
$>2$
$>3$
$>4$
Q. 24

Ans
$X 1$
v 2
$\times 3$
$\times 4$
Q. 25

Ans
$X 1$
v 2
$\times 3$
$\times 4$

## Section : English Comprehension

Q. 1 Select the most appropriate word to fill in the blank.

It is an $\qquad$ day to start your new business.
Ans

1. auspicious
2. audacious
3. occasional
4. ominous
Q. 2 Select the antonym of the given word.

HILARIOUS
Ans
< 1. Happy
$X$
2. Merry
$\$$
3. Blithe
4. Sad
Q. 3 Select the synonym of the given word.

PATHETIC
Ans

- 1. Pitiful

7 2. Curious
$>$
3. Insignificant4. Dull
Q. 4 Select the most appropriate word to substitute the underlined word of the given sentence. If no substitution is required, select 'No improvement'.

There is a great degrade in values in modern age.
Ans

- 1. degradation of values

X 2. No improvement
7
3. demonstration from values
$\$$
4. deliberation for values
Q. 5 Select the correct indirect form of the given sentence.

He said to me, "What are you doing?"
Ans

1. He said that what I was doing.2. He said what I had been doing3. He asked me what I was doing.

X
4. He asked me that what was I doing.
Q. 6 In the sentence identify the segment which contains the grammatical error.

The modern man is busy acquiring more and more wealth and designing ways to invest it in more sense pleasures.
Ans
Х 1. modern man is busy
2. acquiring more and more wealth

- 3 . in more sense pleasures
(4. designing ways to invest it


## 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.

Machines were made to be man's servants. Yet, man has grown so (1) $\qquad$ on them that they are in a fair way to become his (2) $\qquad$ Already men spend most of their lives looking after and waiting (3) $\qquad$ machines. Machines are very stern bosses. They must be fed with coal and (4) $\qquad$ petrol to drink and oil to wash with and must be kept at an (5) $\qquad$ temperature.

SubQuestion No: 7
Q. 7 Select the most appropriate option for blank no. 1

Ans

- 1. dependent

Х 2. inferior3. subordinate4. helpless

## 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.

Machines were made to be man's servants. Yet, man has grown so (1) $\qquad$ on them that they are in a fair way to become his (2) $\qquad$ Already men spend most of their lives looking after and waiting (3) $\qquad$ machines. Machines are very stern bosses. They must be fed with coal and (4) $\qquad$ petrol to drink and oil to wash with and must be kept at an (5) $\qquad$ temperature.

SubQuestion No: 8
Q. 8 Select the most appropriate option for blank no. 2

Ans
X1.victims

- 2. masters
< 3. slaves4. administrators


## 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.

Machines were made to be man's servants. Yet, man has grown so (1) $\qquad$ on them that they are in a fair way to become his (2) $\qquad$ . Already men spend most of their lives looking after and waiting (3) $\qquad$ machines. Machines are very stern bosses. They must be fed with
coal and (4) petrol to drink and oil to wash with and must be kept at an (5) $\qquad$ temperature.

SubQuestion No: 9
Q. 9 Select the most appropriate option for blank no. 3

Ans


- 2. upon

X 3. under4. from

## 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.

Machines were made to be man's servants. Yet, man has grown so (1) $\qquad$ on them that they are in a fair way to become his (2) $\qquad$ Already men spend most of their lives looking after and waiting (3) $\qquad$ machines. Machines are very stern bosses. They must be fed with coal and (4) $\qquad$ petrol to drink and oil to wash with and must be kept at an (5) $\qquad$ temperature.

SubQuestion No: 10

## Q. 10 Select the most appropriate option for blank no. 4

Ans
X 1. gave2. give
3. given
(4.gives

## 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.

Machines were made to be man's servants. Yet, man has grown so (1) $\qquad$ on them that they are in a fair way to become his (2) $\qquad$ Already men spend most of their lives looking after and waiting (3) $\qquad$ machines. Machines are very stern bosses. They must be fed with coal and (4) $\qquad$ petrol to drink and oil to wash with and must be kept at an (5) $\qquad$ temperature.

SubQuestion No: 11
Q. 11 Select the most appropriate option for blank no. 5

Ans
入1. optimist2. outdated3. optimum
4. optional

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

He $\qquad$ a heinous crime.
Ans
<1. made

- 2. committed
<3. occurred
<4. happened
Q. 13 Select the most appropriate segment to substitute the underlined segment of the given sentence. If no substitution is required select 'No improvement'

A man in need pleaded for help.
Ans

1. No improvement

X 2. promised for help
X 3. commanded to help
$>$
4. requested for helping
Q. 14 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. Can I borrow your camera?
B. I will give it back to you next week.
C. I am going to jungle safari tomorrow.
D. My friend told me that jungle is beautiful in these days.

Ans
X 1. ADBC
2. $\operatorname{CDAB}$
<3. CADB4. BACD
Q. 15 Select the wrongly spelt word.

Ans
入1. Mansion2. Ostentasion
< 3. Extension
$\$$
4. Persuasion
Q. 16 Select the most appropriate meaning of the given idiom

On shank's mare
Ans

1. On foot
>2. On a lion
X 3. On a bicycle4. On an elephant
Q. 17 Select the correct active form of the given sentence.

The thief was being arrested by the police.
Ans

1. The police had arrested the thief.
2. The police arrested the thief.3. The police has arrested the thief.4. The police was arresting the thief.
Q. 18 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. Nevertheless, sound health, economic security and mental satisfaction are desired by all
B. A change that is conducive to happiness may be termed as progress.
C. But different people find happiness in different things.
D. So, If a change contributes to the growth of these factors, it is progress.

Ans
<1. BDCA

- 2. BCAD
$X$

3. DBCA
$<$
4. $A B C D$
Q. 19 Select the synonym of the given word.

PENITENCE
Ans


1. Patience2. Admiration
2. Repentance4. Misery
Q. 20 Select the wrongly spelt word.

Ans

- 1. Practicle2. Flexible3. Elegant4. Flashy
Q. 21 Select one word for the following group of words.

One who leaves his own country to settle in another
Ans
X 1. Foreigner2. Native3. Tourist
4. Emigrant
Q. 22 Select one word for the following group of words.

A period of ten years
Ans
1 1. Millennium
2. Decade

7
3. Century4. Fortnight
Q. 23 In the sentence identify the segment which contains the grammatical error.

The Prime Minister, along with the other ministers have left for America.
Ans
< 1. for America
2. The Prime Minister along with
3. have left4. the other ministers
Q. 24 Select the most appropriate meaning of the given idiom

A snake in the grass
Ans

1. A secret enemy
2. A good friend
3. A well-wisher4. Difficult to find

## Q. 25 Select the antonym of the given word.

VICIOUS
Ans
< 1. Unfortunate
2. Virtuous
<3. Sinful
<4. Baneful

