## Combined Graduate Level Examination 2020 Tier-I

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | TCS Gito Bitan |
| Exam Date | 18/08/2021 |
| Exam Time | 3:00 PM - 4:00 PM |
| Subject | Combined Graduate Level Examination 2020 Tier 1 |

## Section : General Intelligence and Reasoning

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

Circle : Arc: : Plant : ?
Ans

1. Plasma
2. Tree
3. Chlorophyll
4. Stem
Q. 2 In a certain code language, 'REFUSAL' is coded as '2101239103' and 'POETRY' is coded as '1067927'. How will 'PROFIT' be coded in that language?
Ans $\times 1.21671829$
5. 81217629
6. 12186792
7. 18216972
Q. 3 Select the letter from among the given options that can replace the question mark (?) in the following series.

H, Q, I, T, K, ?, N
Ans
Х1.J
2. $Y$

X 3. A
$\times 4 . \mathrm{U}$
Q. 4 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.
Ans

1. Vision
2. Devotion
3. Zeal
4. Fury
Q. 5 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.
5. Gravity
6. Glycogen
7. Gestation
8. Glycerine
9. Gesture

Ans
X1.3,1,2, 4, 5
2. $3,5,4,2,1$
$\times 3.3,2,5,1,4$
X 4.3,5, 2, 4, 1
Q. 6 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

Q. 7 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

483 * 23 * 93 * 16 * 4 * 50
Ans
X $1 .+, \div,-, \times,=$
X 2. $\div,-,+, \times,=$
X $3 . \div+,-,=, x$
4. $\div,+,-, x,=$
Q. 8 The present age of Ramesh is 7 years more than the present age of his wife Sangeeta. 6 years hence, the age of Ramesh will be three times that of his son Mayank. If the present age of Mayank is 10 years, then what is the present age of Sangeeta?
Ans $\quad \times 1.30$ years
2.42 years
3. 48 years
4. 35 years
Q. 9 Select the Venn diagram that best illustrates the relationship among the following classes.

Neptune, Planet, Moon
Ans
$\checkmark 1$.

$\times 2$.

$\times 3$.

$\times 4$.

Q. 10 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

- 1. 


$\times 2$

$\times 3$

$\times 4$

Q. 11 Three different positions of the same dice are shown, the faces of which are marked with the letters A, B, C, D, E and F. Select the letter that will be on the face opposite to the face having the letter ' $D$ '.


Ans
$\times 1$. C
2. B

X 3. A
X4. F
Q. 12 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?


Ans

$\times 4$

Q. 13 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. (Any operation on digits is not allowed)
Ans
X1.239:78
2. $197: 66$

Х $3.326: 107$
X4.308:101
Q. 14 Rani is the sister of Piyush and the daughter of Kamal. Kamal is the son of Gaurav and the brother of Aryan. Aryan is the father of Rajneesh. How is Aryan related to Piyush?
Ans
X 1. Paternal Grandfather
2. Paternal Uncle
3. Brother
4. Father

## Q. 15 Select the letter-cluster from among the given options that can replace the question

 mark (?) in the following series.CUH, HQK, MMN, RIQ, ?
Ans
$X$ 1.UDS
2. WET
3. XFS
4. VGT
Q. 16 Select the option in which the words share the same relationship as that shared by the given pair of words.

Jharkhand : Ranchi
Ans
X 1. Mizoram : Kohima
2. Sikkim : Itanagar
3. Assam: Jorhat
4. Meghalaya : Shillong
Q. 17 Find the number of triangles in the given figure.


Ans
X1. 16
2. 18
$\times 3.14$
X4. 20
Q. 18 In a certain code language, 'VIRTUE' is written as 'DBZBNX'. How will 'OMINOUS' be written in that language?
Ans

1. HUBVHNA

X 2. HBUVHNA
$X$ 3. IUBHMBA
4. IBUHABM
Q. 19 Select the correct mirror image of the given figure when the mirror is placed at ' $A B^{\prime}$ ' as shown.


Ans

Q. 20 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:
Some mats are carpets.
Some carpets are blankets.
No blanket is a quilt.
Conclusions:
I. No quilt is a carpet.
II. No blanket is a mat.
III. Some carpets are mats.

Ans

1. Only conclusion III follows
2. Only conclusion I follows

X 3. Both conclusions I and III follow
X 4. Only conclusion II follows
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 and the sixth number is related to the fifth number.

16:8:: 21 : ? :: 11 : 6
Ans
X 1.14
$\times 2.9$

- 3.10
$\times 4.11$
Q. 22 Select the option in which the numbers are related in the same way as are the numbers of the following set.
$(4,10,53)$
Ans

1. $(7,19,98)$

X 2. $(11,31,152)$
$\times 3 .(5,13,62)$
X4. $(8,20,103)$
Q. 23 Select the number from among the given options that can replace the question mark (?) in the following series.
$6,6,8,24,28,140$, ?
Ans
X 1.148
$\times 2.144$
2. 146
>4.145
Q. 24 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

3134
66731
5? 20
Ans
X 1.50
$\times 2.55$

- 3.45
$\times 4.40$
Q. 25 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different

Ans
X 1. TVQX
2. NPKR
3. BDYF
4. XZTB

