## Combined Graduate Level Examination 2020 Tier-I

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | Shri S N Technologies |
| Exam Date | 18/08/2021 |
| Exam Time | 9:00 AM - 10:00 AM |
| Subject | Combined Graduate Level Examination 2020 Tier 1 |

## Section : General Intelligence and Reasoning

Q. 1 A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of letters would be opposite to each other?

| $E$ | $F$ | $A$ |
| :--- | :--- | :--- |


| $C$ | $D$ | $B$ |
| :--- | :--- | :--- |

Ans $\quad X 1 . E$ and $B$
X2. E and C
3. D and F

X4. A and D
Q. 2 How many triangles are there in the given figure?


Ans
$\times 1.14$
2. 12
$\times 3.11$
X4. 13
Q. 3 Select the option in which the words share the same relationship as that shared by the given pair of words.

Swan: Cygnet
Ans

1. Turkey: Poult

X 2. Whale : Fry
X 3. Deer: Joey
X4. Fish: Cub
Q. 4 The total of three numbers is $\mathbf{2 4 0}$. The second number is four times the first number. The third number is three times the first number. What will be the average of the three numbers?

Ans

+ 1.70

2. 50
3. 60
4. 80
Q. 5 Select the number from among the given options that can replace the question mark (?) in the following series.

17, 20, 80, 85, ?, 517
Ans
$\times 1.504$

- 2.412

3. 510
-4. 213
Q. 6 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

357
232731
69135 ?
Ans

1. 217
$\times 2.93$
$\times 3.266$
$\times 4.155$
Q. 7 Select the Venn diagram that best illustrates the relationship between the following classes.

Universe, Pluto, Solar system
Ans
$\times 1$.

$\times 2$.

$\checkmark 3$

$\times 4$.

Q. 8 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.

14 * 7 * 39 * 133 * 19 * 130
Ans
X $1 . \div,-,+, \times,=$
人2. $\times,-,+, \div,=$
X $3 . \div,+,-, \times,=$
4. $\times,+,-, \div,=$
Q. 9 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

DOWN, CRRU, BUMB, AXHI, ?
Ans $\quad X 1$.ACPZ
X 2. APCZ
3. ZACP

X 4. CAPZ
Q. 10 Select the option that is related to the third word in the same way as the second word is related to the first word.

Impoverished : Wealthy :: Vindictive : ?
Ans
X 1. Fearless
< 2. Forgetful
3. Forgiving
×4. Compromising
Q. 11 Select the option figure in which the given figure is embedded (rotation is NOT allowed).


Ans

$\times 2$


- 3. 


$\times 4$

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
$\checkmark 1$.

$\times 2$.

$\times 3$.

$\times 4$.

Q. 13 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

Q. 14 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
$r_{-}$uktrj_ kt_juk_rju_trj_kt
Ans
<1.j, r, u, t, u, k
Х 2. j, r, u, k, t, u
3. j, u, r, t, k, u
>4. u, j, r, t, j, u

Q． 15 Select the option in which the numbers are related in the same way as are the numbers of the following set．
（7，9，252）
Ans
X 1．$(6,9,188)$
2．$(8,11,352)$
X 3．$(12,10,260)$
X $4 .(6,8,212)$

Q． 16 In a certain code language，＇FORENSIC＇is coded as＇ 61218221419183 ＇and＇DORM＇is coded as＇ 4121813 ＇．How will＇CARAMEL＇be coded in that language？
Ans
1． 3261826132212
X 2． 3261826142212
× 3.3011801132212
X4．3260926130512

Q． 17 Select the correct mirror image of the given combination when the mirror is placed at＇ PQ ＇as shown．
INTENSIVE ${ }^{\mathbf{P}}$


x 3 IИLEИスIムE
4．ヨVIんИヨTИI

Q． 18 Ramesh is the father of Manideep．Ramesh has only two children．Manideep is the brother of Niharika．Niharika is the daughter of Kavita．Ananya is the granddaughter of Kavita．Sujit is the father of Ananya．How is Sujit related to Manideep？
Ans
1．Brother－in－law
2．Son
3．Son－in－law
4．Brother
Q. 19 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. Hypertension

X 2. Rickets
3. Gout
4. Arthritis
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 follows from the statements.

Statements:
Some bowls are cups.
All cups are glasses.
Some glasses are plates.
All plates are utensils.
Conclusions:
I. All bowls cannot be utensils.
II. All glasses cannot be utensils.

Ans $\times 1$. Only conclusion I follows
2. Both the conclusions follow
3. Neither conclusion I nor II follows
4. Only conclusion II follows
Q. 21 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. JDYU
2. ZTOL
3. OIDZ
4. AUPL
Q. 22 Select the option that is related to the third number in the same way as the second number is related to the first number.

39: 27 :: 43 : ?
Ans
$\times 1.38$
X 2.20
$\times 3.6$

- 4.12
Q. 23 In a certain code language, 'YOU TOOK MY PLACE IN' is written as 'COU POON LC QVAKE IJ'. How will 'COMPILE' be written in that language?
Ans
X 1. KOLTYLE
X 2. YOLTILE

3. KOLQIVE

X 4. KOLQIME
Q. 24 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.
Ans
X 1. 111617: 278
2. $406321: 493$
3. $253471: 778$
4. $324335: 577$
Q. 25 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Recreation
2. Recede
3. Recorder
4. Recliner
5. Reconcile
6. Recognition

Ans

1. $4,2,6,5,3,1$
2. $2,4,5,6,3,1$
3. $2,4,5,6,1,3$
4. $2,4,6,5,3,1$
