## Combined Graduate Level Examination 2020 Tier-I

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | iON Digital Zone iDZ Kishanpur |
| Exam Date | 24/08/2021 |
| Exam Time | 12:00 PM - 1:00 PM |
| Subject | Combined Graduate Level Examination 2020 Tier 1 |

## Section : General Intelligence and Reasoning

Q. 1 Select the option in which the words share the same relationship as that shared by the given pair of words.

Tissues : Histology
Ans
X 1. Insects: Malacology
2. Amphibians : Herpetology

X 3. Mountains: Onomatology
X 4. Shells: Ornithology
Q. 2 Select the option figure in which the given figure is embedded (rotation is NOT allowed).


Ans
$\times 1$.

$\times 2$.

$\checkmark 3$.

$\times 4$.

Q. 3 Select the option in which the numbers are related in the same way as are the numbers of the following set.
$(59,118,295)$
Ans

1. $(17,34,85)$

X 2. $(10,20,37)$
X 3. $(15,34,45)$
$\times 4 .(9,20,25)$
Q. 4 Select the option that is related to the third term in the same way as the second term is related to the first term.

Uttar Pradesh : Allahabad High Court : : Bihar : ?
Ans
X 1. Nalanda High Court
2. Patna High Court

X 3. Gaya High Court
X 4. Darbhanga High Court
Q. 5 How many triangles are there in the given figure?


Ans

1. 9
$\times 2.11$
$\times 3.10$
X4. 12
Q. 6 Select the figure that will replace the question mark (?) in the following figure series.


Ans
$\times 1$

$\times 2$.

$\times 3$.


- 4. 


Q. 7 Select the number from among the given options that can replace the question mark (?) in the following series.

4096, 1024, 256, 64, ?
Ans
X1.30
X2. 28
X 3.8

- 4.16
Q. 8 Two different positions of the same dice are shown, the faces of which are marked with the letters $\mathrm{p}, \mathrm{q}, \mathrm{r}, \mathrm{s}, \mathrm{t}$ and u . Select the letter that will be on the face opposite to the face having the letter ' $q$ '.


Ans
$\times 1 . \mathrm{u}$
2. $s$

X3. p
X4. r
Q. 9 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. Plotter
2. Webcam
3. Microphone
4. Keyboard
Q. 10 Select the number-pair in which the two numbers share a different relationship from that shared by the two numbers in the rest of the number-pairs.
Ans
5. $(36,353)$
6. $(49,512)$
7. $(25,216)$
8. $(64,729)$
Q. 11 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
qpl_r_plt_qp_trq_I_r
Ans
X $1 . q, r, l, t, p, p$
9. p, t, r, q, t, l
10. $t, q, r, I, p, t$
11. $q, p, r, t, I, p$
Q. 12 In the given diagram, the circle represents 'graduates', the triangle represents 'employed people' and the rectangle represents 'rural folk'. Study the diagram carefully and answer the question that follows.


What is the number of rural unemployed graduates?
Ans
$\times 1.12$
2. 8
3. 6
$\times 4.9$
Q. 13 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ROAD, SMDZ, TKGV, UIJR, ?
Ans $\quad \times 1$. VFNM
2. VGMN

X 3.VHON
$\times 4$. VHNO

## Q. 14 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

1. WRO
2. HDA
3. PLI
4. LHE
Q. 15 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.
5. Interchangeable
6. Independent
7. Intentional
8. Interesting
9. Interactive

Ans
X 1.2,5, 1, 4, 3
X 2.3,5, 2, 4, 1
3.2, 3, 5, 1,4

X4.1,2,3,4,5
Q. 16 Out of three numbers, the ratio of the first and the second numbers is $3: 4$ and the ratio of the second and the third numbers is $5: 6$. If the difference between the first and the third numbers is 1125 , find the average of the second and third numbers.
Ans
X 1.2075
2. 2750
$\times 3.2507$
$\times 4.2570$
Q. 17 Select the correct mirror image of the given combination when the mirror is placed at ' PQ ' as shown.

EXPERIENCE ${ }_{\mathbf{Q}}^{\mathbf{P}}$
Ans
x1. EXbESEIИCE


x4.EXbEBIEИCE
Q. 18 In a certain code language, 'ONE' is coded as '15-28-15' and 'TWO' is coded as
'20-46-45'. How will 'SIX' be coded in that language?
Ans
$\times 1.19-9-24$

- 2. 19-18-72
$\times 3.38-9-72$
X 4. 38-18-48
Q. 19 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

$\left.\times 4 . \begin{array}{|cc|}\hline \Lambda \\ 0 & \Lambda \\ 0 \\ \Lambda & 0 \\ \Lambda\end{array}\right)\left(\begin{array}{l}\Lambda \\ \Lambda\end{array}\right.$
Q. 20 Select the correct combination of mathematical signs that can sequentially replace the * signs and make the equation correct.

135 * 15 * 3 * 2 * 13 *16
Ans
X 1. $\times,+,=, \div,-$
Х 2. $=, \times,+, \div,-$
X $3 .+, \div,-,=, \times$
4. $\div, \times,+,-,=$

## Q. 21 In a certain code language, 'RITU' is written as 'WLYX' and 'AMAN' is written as 'FPFQ'. How will 'MIRA' be written in that language? <br> Ans <br> X 1. RNWF <br> 2. RLWD <br> 3. PNWF <br> 4. PLUD

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.

9:91::13:?
Ans
X 1.99
X 2. 203
3. 132
4. 183
Q. 23 Guna is the son of Shyamala. Hemanth is the father of Manu. Guna is married to Deepa. Guna and Manu are siblings. Prathik is the brother of Deepa. Shyamala has only one son. Roshan is the son of Guna. Prathik is the father of Kalki. Jatin is the son of Manu. Prathik has no daughters.

How is Hemanth related to Roshan's father?
Ans
X 1. Brother
2. Grandfather
3. Brother-in-law
4. Father
Q. 24 Select the option in which the numbers are related in the same way as are the numbers of the following set.
(12, 60, 84)
Ans
X 1. $(13,65,81)$
X 2. $(14,75,98)$
X $3 .(15,85,105)$
4. $(16,80,112)$
Q. 25 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:
All tractors are cars.
Some scooters are cars.
All scooters are cycles.
Conclusions:
I. All scooters are cars.
II. Some cars are cycles.
III. Some tractors are cycles.
IV. Some tractors are scooters.

Ans $\quad \times 1$. Both conclusions I and II follow
2. Only conclusion I follows
3. Only conclusion II follows
4. Neither conclusion I nor II follows

