## Combined Graduate Level Examination 2020 Tier-I

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | iON Digital Zone iDZ 1 Patia |
| Exam Date | 24/08/2021 |
| Exam Time | 9:00 AM - 10:00 AM |
| Subject | Combined Graduate Level Examination 2020 Tier 1 |

## Section : General Intelligence and Reasoning

Q. 1 Select the option in which the numbers are related in the same way as are the numbers of the following set.
(12, 14, 143)
Ans $\quad \times 1 .(16,10,235)$
X 2. $(17,12,134)$
3. $(15,19,252)$

X 4. $(12,18,246)$
Q. 2 Select the cubes that can be formed by folding the given sheet along the lines.


Ans

1. Only A and B
$X$ 2. Only B and C
$X$ 3. Only A, B and D
X4. Only A, B and C
Q. 3 Select the option that is related to the third word in the same way as the second word is related to the first word.

Canada : Ottawa :: Cuba :?
Ans
$X$ 1. Bern
$\times$ 2. Madrid
X 3. Oslo
4. Havana
Q. 4 In a certain code language, 'COW' is written as 'ZRF' and 'DOG' is written as 'JRG'. How will 'RAT' be written in that language?
Ans
X 1. UDW
2. WDU
$X$ 3. VEU
X4. XDV
Q. 5 How many triangles are there in the given figure?


Ans

1. 11
2. 10
3. 13
4. 12
Q. 6 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
r_vql_mv_Irm_q_rm_ql
Ans
5. m, r, q, v, l, v
6. v, v, q, r, I, m
7. I, m, q, r, v, v
8. q, r, v, I, v, m
Q. 7 Select the option in which the words share the same relationship as that shared by the given pair of words.

Tintometer: Colour
Ans $\quad \times 1$. Viscometer: Wind
X 2. Spirometer: Speed
3. Protractor: Angles
4. Planimeter : Pressure
Q. 8 Select the option figure in which the given figure is embedded (rotation is NOT allowed).
*
Ans

Q. 9 In a certain code language, 'MINT' is coded as ' 224 ' and' $F A N C Y$ ' is coded as ' 245 '. How will 'CONTOUR' be coded in that language?
Ans
X 1.301
$\times 2.259$
X. 597
4.742
Q. 10 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 pencils are erasers.
Some sharpeners are pencils.
Conclusions:
I. Some sharpeners are erasers.
II. All pencils are sharpeners.

Ans
X 1. Neither conclusion I nor II follows
2. Both conclusions I and II follow
3. Only conclusion I follows
4. Only conclusion II follows
Q. 11 Select the number from among the given options that can replace the question mark (?) in the following series.

3, 20, 38, 52, 75, 82, 114, ?
Ans $\times 1.101$
$\times 2.104$
จ 3.110
$\times 4.118$
Q. 12 Pointing to a baby girl in a cradle, Sripad said, "She is the daughter of my father's mother's only daughter's elder daughter".

How is the baby girl's mother related to Sripad?
Ans
X 1. Cousin
X 2. Sister-in-law
X 3 . Niece
4. Aunt

## Q. 13 Akshar and Manvita recently celebrated their silver wedding anniversary and their

 older son Sanju's birthday. If the age of Sanju 18 years after his parent's marriage, and his age at their golden anniversary is in the ratio $5: 21$, how many years after their marriage was Sanju born?Ans
× 1.12 years
X 2. 10 years
X 3.15 years

- 4.8 years
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
X 1. RDMI
2. FHWU

X 3.JNCQ
X 4. TFKG
Q. 15 In the following diagram, the circle represents 'rural folk', the triangle represents 'businessmen' and the rectangle represents 'graduates'. Study the diagram carefully and answer the question that follows.


What is the number of rural businessmen, who are NOT graduates?
Ans
$\times 1.7$
2. 11
3. 8
4. 15

Q． 16 Select the correct mirror image of the given combination when the mirror is placed at＇ PQ ＇as shown．

COGNITIVE $\left.\right|_{\mathbf{Q}} ^{\mathbf{P}}$
Ans
1．ヨVITIИอOכ
×2．СоИСI」I＾E
× з．ヨVITIอИOつ
×4．СоеИIमI＾E

Q． 17 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 $\times 1.22: 127$
2． $16: 91$
3． $28: 163$
4． $27: 82$

Q． 18 Select the letter－cluster from among the given options that can replace the question mark（？）in the following series．

MEND，PHJZ，SKFV，VNBR，？
Ans
1．YQXN
2．YJYN
3．YQZM
4．YRXO
Q. 19 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Topology
2. Topper
3. Tolerance
4. Together
5. Tomorrow

Ans
X 1.4, 2, 1, 5, 3
2. 4, 3, 5, 1, 2

X 3.4, 2, 3, 1, 5
X4.4,5,3,1,2
Q. 20 Which two signs should be interchanged to make the given equation correct?
$156-13+9 \times 18 \div 5=169$
Ans
$\times 1 . \div$ and +
2. $\div$ and -
$\times 3 . \times$ and -
$\times 4 . \times$ and $\div$
Q. 21 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

2.

Q. 22 Select the option in which the numbers are NOT related in the same way as are the numbers of the following set.
$(64,91,118)$
Ans
X 1. $(55,82,109)$
2. $2 .(46,73,101)$

Х $3 .(72,99,126)$
X $4 .(48,75,102)$
Q. 23 Select the option that is related to the third number in the same way as the second number is related to the first number.

23:531:: 27 :?
Ans

1. 731
$\times 2.656$
$\times 3.802$
$\times 4.573$
Q. 24 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

Q. 25 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. Ecology
2. Myology
3. Ophthalmology
4. Dermatology
