



RAMAGYA SCHOOL, NOIDA
VIII /CYBER/2018-19
OLYMPIAD PRACTICE WORKSHEET

LOGICAL REASONING

1. In a certain code TELEPHONE is written as ENOHPELET. How is ALIGATOR written in that code ?

- a. ROTAGILA
- b. ROTAGAIL
- c. ROTAGILE
- d. OTAGILAR

2. In the series 6 4 1 2 2 8 7 4 2 1 5 3 8 6 2 1 7 1 4 1 3 2 8, how many pairs of successive numbers have a difference of 1 each ?

- a. 4
- b. 5
- c. 6
- d. 7

3. If '-' means '+', '+' means '-', '.' means ',', and ',' means '-', then $8 \dot{-} 5 - 8 + 40 \dot{,} 2 = ?$

- a. 7
- b. 16
- c. 44
- d. 4

4. Letters of the word given below have been jumbled up. Choose the option which gives the correct order of the letters to form a meaningful word.

I	N	L	A	S	G
1	2	3	4	5	6

- a. 2, 4,3,6,1,5
- b. 3,4,6,1,2,5
- c. 5,1,6,2,4,3
- d. 6,1,3,5,4,2

5. Find the odd one out.

- a. UTSR
- b. IHGE
- c. NMLK
- d. ZYXW

6. Which number would replace the question mark in the given series ?

3, 15, __?__, 63, 99, 143

- a. 27
- b. 35
- c. 45
- d. 56
- e.

7. Pointing towards a person, a man said to a woman, " His mother is the only daughter of your father". How is the woman related to that person?

- a. Daughter
- b. Sister
- c. Mother
- d. Sister-in-Law

8. What is the value of x in the given equation ?

$$(3x - 8)(3x + 2) - (4x - 11)(2x + 1) = (x - 3)(x + 7)$$

- a. 2
- b. 4
- c. 3
- d. 5

9. What is the average of the sixth even number, fifth and eighth odd number after 200?

- a. 210
- b. 211
- c. 212
- d. 213

10. Kareena is on the fifth floor of a building. Her car is in the parking garage which is three levels below the ground floor. She gets in the elevator and travels from the fifth floor above ground level to the third floor below ground level. How many floors did she travel ?

- a. 7
- b. 6
- c. 4
- d. 8

COMPUTER SCIENCE

1. In a database table, the category of information is called
 - a. Tuple
 - b. Field
 - c. Record
 - d. All Of Above
2. This key uniquely identifies each record
 - a. Primary Key
 - b. Key Record
 - c. Unique Key
 - d. Field Name
3. What are the columns in a Microsoft Access table called
 - a. Rows
 - b. Records
 - c. Fields
 - d. Columns
4. This data type allows alphanumeric characters and special symbols.
 - a. Text
 - b. Memo
 - c. Auto number
 - d. None of the above

5. To create a new table, in which method you don't need to specify the field type and size?
- Create table in Design View
 - Create Table using wizard
 - Create Table by Entering data
 - All of above
6. A __ name must be unique within a database
- Table
 - Field
 - Record
 - Character
7. It is an association established between common fields of two tables.
- Line
 - Relationship
 - Primary key
 - Records
8. What do you mean by one to many relationship between Student and Class table?
- One student can have many classes
 - One class may have many student
 - Many classes may have many students
 - Many students may have many classes
9. Which of the following is not an advantage of network?
- Speed
 - Cost effectiveness

- c. Has its own brain
- d. Centralized software management

10. PAN stands for

- a. Privileged Area Network
- b. Personal Area Network
- c. Personal Active Network
- d. Personal Area Network