



## RAMAGYA SCHOOL, NOIDA

VIII /Cyber /2017-18

### Olympiad Practice Worksheet

#### LOGICAL REASONING

1. If the 3<sup>rd</sup> day of a month is Friday, what will be the 28<sup>th</sup> day of the month?
  - a. Thursday
  - b. Wednesday
  - c. Monday
  - d. Tuesday
2. If ZIP = 30 and ZAP = 38, then how will you code VIP?
  - a. 43
  - b. 34
  - c. 174
  - d. 113
3. How many numbers from 11 to 50 are there which are exactly divisible by 7 but not by 3 ?
  - a. 2
  - b. 4
  - c. 5
  - d. 6
4. Armaan walks 30 meters towards south. Then, turning to right, he walks 30 meters. Then, turning to his left, he walks 20 meters. Again, he turns to his left and walks 30 meters. How far is he from his initial position ?
  - a. 20 meters
  - b. 50 meters
  - c. 60 meters
  - d. 80 meters
5. 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

6. If '-' means '+', '+' means '-', 'x' means '÷' and '÷' means 'x', then  $8 \times 5 - 8 + 40 \div 2 = ?$
- 7
  - 16
  - 44
  - 4
7. Find the odd one out.
- UTSR
  - IHGE
  - NMLK
  - ZYXW
8. Which number would replace the question mark in the given series ?  
3, 15, \_\_?\_\_, 63, 99, 143
- 27
  - 35
  - 45
  - 56
9. What is the average of the sixth even number, fifth and eighth odd number after 200?
- 210
  - 211
  - 212
  - 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 ?
- 7
  - 6
  - 4
  - 8

## COMPUTER SCIENCE

- What is the Shortcut keys to open a document \_\_\_\_\_
  - Ctrl+O
  - Ctrl+P
  - Shift+O
  - Shift+P
- What are the Shortcut keys to run the slide show \_\_\_\_\_
  - f3
  - f4
  - f5
  - f6

3. This data type allows alphanumeric characters and special symbols.
  - a. Text
  - b. Memo
  - c. Auto number
  - d. None of the above
  
4. To create a new table, in which method you don't need to specify the field type and size?
  - a. Create table in Design View
  - b. Create Table using wizard
  - c. Create Table by Entering data
  - d. All of above
  
5. A \_\_ name must be unique within a database
  - a. Table
  - b. Field
  - c. Record
  - d. Character
  
6. A row in a table is technically called a
  - a. Tuple
  - b. Field
  - c. Degree
  - d. Attribute
  
7. \_\_\_\_\_ - is a candidate key that does not form a primary key
  - a. Alternate Key
  - b. Foreign key
  - c. Primary key
  - d. Unique key
  
8. A database can contain multiple tables with the same name. Is this true or false?
  - a. True
  - b. False
  
9. A \_\_ name must be unique within a database
  - a. Table
  - b. Field
  - c. Record
  - d. Character

10. It is an association established between common fields of two tables.
- a. Line
  - b. Relationship
  - c. Primary key
  - d. Records