

# CHINIOT ISLAMIA PUBLIC SCHOOL AND COLLEGE

## 1ST QUARTERLY TEST

### Computer Science - X

|             |                |                |
|-------------|----------------|----------------|
| Name: _____ | Section: _____ | Roll No: _____ |
|-------------|----------------|----------------|

**Time: 80 min**

**Total Marks: 40**

*Max. Marks: 40*

*Sec A: This section comprises of 11 MCQs. Each carries one mark. Attempt all from this section.*

*Sec B: This section comprises of four questions. Each carries five marks. Attempt three questions from this section.*

*Sec C: This section comprises of three questions. Each carries seven marks. Attempt any two questions from this section*

Q1 . Section " A "

**Q1.**

1. Which of the following is used to represent an algorithm visually?

★ Program

★ Flowchart

★ Table

★ File

2. What type of error occurs due to wrong grammar in code?

★ Logical error

★ Syntax error

★ Runtime error

★ Semantic error

3. Which of the following is a non-linear data structure?

★ Array

★ Stack

★ Queue

★ Graph

4. A Data structure that follows the LIFO principle :

★ Queue

★ Stack

★ Graph

★ Union

5. A Scratch program is made by:

★ Writing code only

★ Drag and drop blocks

- ★ Typing formulas
  - ★ Scanning images
6. Which of the following is a compiler error?
- ★ Wrong logic
  - ★ Missing semicolon
  - ★ Wrong output
  - ★ Infinite loop
7. Which keyword is used for decision making?
- ★ if
  - ★ loop
  - ★ run
  - ★ goto
8. Which category of blocks is used to move a sprite?
- ★ Sound
  - ★ Motion
  - ★ Looks
  - ★ Events
9. A single binary digit is called:
- ★ Bit
  - ★ Byte
  - ★ Word
  - ★ None of these
10. A symbol used to show input/output in a flowchart is:
- ★ Rectangle
  - ★ Diamond
  - ★ Oval
  - ★ Parallelogram
11. Which of the following needs pressing Enter key from the keyboard ?
- ★ getch ( )
  - ★ getche ( )
  - ★ getchar ( )
  - ★ gets ( )

## Q2 . Section " B "

1. What are syntax errors? Give an example.
2. What is syntax.
3. What is the use of the go to x:y block?

## Q3 . Section " C "

1. Define nested if selection structure with syntax, flowchart and example.
2. Differentiate between function declaration, function definition, and function call with examples.