



**SESSION:2024-25**  
**WORKSHEET**

**CHAPTER:- 7**  
**CLASS: VI**

**SUB :-COMPUTER**  
**DATE :-**

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**A. Fill in the blanks.**

1. An \_\_\_\_\_ is a step-by-step procedure for solving a problem.
2. A \_\_\_\_\_ uses various shapes and arrows to represent the flow of a process.
3. The diamond shape in a flowchart typically represents a \_\_\_\_\_.
4. A \_\_\_\_\_ is a repeated set of instructions that runs until a certain condition is met.
5. In an algorithm, each step must be \_\_\_\_\_ and clear to understand.

**B. Write 'T' for true and 'F' for false statements.**

1. A flowchart can only show linear processes and cannot represent decisions.
2. An algorithm can be written in natural language or pseudo code.
3. A loop can only run once and cannot repeat multiple times.
4. Flowcharts help in visualizing algorithms clearly.
5. The oval shape in a flowchart indicates the start or end of a process.

**C. Answer the following questions in one sentences**

1. *What is the purpose of a flowchart?*
2. *What shape represents a decision in a flowchart?*
3. *What is a loop in programming?*
4. *How can algorithms be communicated?*
5. *What is an algorithm?*