

# Worksheet

2

Name: .....

Roll No: ..... Class: ..... Section: .....

Date: .....

## ALGORITHMIC INTELLIGENCE

### Chapter-7

#### A. Fill in the blanks using the hints given below:


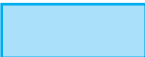

**Hints:** Mind Map, Left to right, Flowcharts, Sequential, Process

1. An algorithm is a collection of steps in a ..... manner.
2. Maintain the direction of the flow from ..... or top to bottom.
3. .... is also a problem solving technique that allows us to organise ideas, thoughts etc.
4. .... shows the sequence of instructions in a single program.
5. Flow Line shows the direction in which the ..... flows.

#### B. Answer the following questions.

1. What is a Mind Map?  
.....
2. What is an algorithm?  
.....
3. Give two advantages of flowcharts.  
.....

#### C. Match the symbols with their functions used in flowcharts.

- |  |   |
|--|---|
| 1.  | a. Shows a process or action step                     |
| 2.  | b. Indicates a question or branch in the process flow |
| 3.  | c. Start and stop points of the flowchart             |