

Worksheet

1

Name:

Roll No: Class: Section:

Date:

ALGORITHM AND FLOWCHART

Chapter-8

A. Tick (✓) the correct option.

- A computer programmer draws a before writing a computer program.

| | | | |
|--------------|--------------------------|------------|--------------------------|
| a. Chart | <input type="checkbox"/> | b. Scenery | <input type="checkbox"/> |
| c. Flowchart | <input type="checkbox"/> | d. Syntax | <input type="checkbox"/> |
- A flowchart is a graphical representation of a/an

| | | | |
|------------|--------------------------|------------------|--------------------------|
| a. program | <input type="checkbox"/> | b. algorithm | <input type="checkbox"/> |
| c. symbol | <input type="checkbox"/> | d. none of these | <input type="checkbox"/> |
- The language understood by the computer is

| | | | |
|------------------------|--------------------------|---------------------|--------------------------|
| a. Assembly language | <input type="checkbox"/> | b. Machine language | <input type="checkbox"/> |
| c. High-level language | <input type="checkbox"/> | d. 4GL | <input type="checkbox"/> |

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

- Algorithm uses various symbols to shows the process flow of the program.
- In flowcharts, decision box is used to show the branches in the process flow.
- Algorithm and flowchart are the same thing.

C. Complete the flowchart to calculate the simple interest.

