

Worksheet

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Name:

Roll No: Class: Section:

Date:

ALGORITHMS AND FLOWCHARTS

Chapter-8

A. Tick (✓) the correct option.

- Algorithm is a set of steps in a manner to solve a problem or to complete a task.

a. horizontal	<input type="checkbox"/>	b. vertical	<input type="checkbox"/>
c. mathematical	<input type="checkbox"/>	d. sequential	<input type="checkbox"/>
- A is a graphical representation of an algorithm .

a. program	<input type="checkbox"/>	b. flowchart	<input type="checkbox"/>
c. symbol	<input type="checkbox"/>	d. none of these	<input type="checkbox"/>
- Which of the following indicates a question or branch in the process flow?

a. Process	<input type="checkbox"/>	b. Decision	<input type="checkbox"/>
c. Connector	<input type="checkbox"/>	d. None of these	<input type="checkbox"/>

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

- Only one flow line should come out from a process symbols.
- The direction of the flow in a flowchart has to be maintained from right to left or top to bottom.
- Decision box is used when there are 2 options (Yes/No).

C. Complete the flowchart to calculate the simple interest.

