Worksheet

1

Name: ....

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

Date: ....

ALGORITHMS AND FLOWCHARTS

Chapter-3

Class -8

A. Tick (✓) the correct option.

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

   a. horizontal ☐   b. vertical ☐

   c. mathematical ☐   d. sequential ☐

2. A .... is a graphical representation of an algorithm .

   a. program ☐   b. flowchart ☐

   c. symbol ☐   d. none of these ☐

3. The language understood by the computer is ....

   a. Assembly language ☐   b. Machine language ☐

   c. High-level language ☐   d. 4GL ☐

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

1. Only one flow line should come out from a process symbols. ....

2. The direction of the flow in a flowchart has to be maintained from right to left or top to bottom. ....

3. Decision box is used when there are 2 options (Yes/No). ....

C. Complete the flowchart to calculate the simple interest.

Start

↓

Read P for Principal
r for rate
t for time

↓

[ ]

↓

[ ]

↓

Stop

Grade: ⭐ ⭐ ⭐ ⭐ ⭐

Teacher's Signature: ....