8. Algorithms and Flowcharts

WORKSHEET

I. Tick (✓) the correct option.

1. This is a diamond shaped box.

   (a) Input box ☐   (b) Decision box ☐

   (c) Processing box ☐

2. This box is rectangular in shape.

   (a) Terminal box ☐   (b) Input box ☐

   (c) Process box ☐

3. Algorithm is a set of steps which are written in simple:

   (a) English ☐   (b) Computer language ☐

   (c) None of these ☐

4. This is a diagrammatic representation of steps involved in solving a problem.

   (a) Flowchart ☐   (b) Connector ☐

   (c) None of these ☐

5. A flowchart is a diagram that represents a/an _____.

   (a) Process ☐   (b) Algorithm ☐

   (c) None of these ☐

6. Which box represents a condition that is to be met?

   (a) Decision box ☐   (b) Processing box ☐

   (c) Output box ☐

B. Match the following.

1. Decision box (a) ◯

2. Process box (b) ◇

3. Connector (c) →

4. Arrow (d) ▱

5. Input/output box (e) ▭