

# Worksheet

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Name: .....

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

Date: .....

## ALGORITHMIC INTELLIGENCE

### Chapter-4

#### A. Tick (✓) the correct option.

- Which of the following uses special symbols to represent each step?
 

a. Data	<input type="checkbox"/>	b. Flowchart	<input type="checkbox"/>
c. Reasoning	<input type="checkbox"/>	d. Algorithm	<input type="checkbox"/>
- Which of the following is the fundamental form of the programming data?
 

a. Reasoning	<input type="checkbox"/>	b. Binary code	<input type="checkbox"/>
c. Conditions	<input type="checkbox"/>	d. Data	<input type="checkbox"/>
- Which of the following are used in a program to instruct the computer to make a decision?
 

a. Conditional statements	<input type="checkbox"/>	b. Algorithm	<input type="checkbox"/>
c. Binary code	<input type="checkbox"/>	d. Flowchart	<input type="checkbox"/>

#### B. Fill in the blanks using the hints given below.

**Hints:** Base, Information, Acquires, Process

- Computers store and ..... data and information using binary code in the form of digital 1s and 0s.
- An algorithm and a flowchart are the ..... to write a program.
- Processing of ..... is very important to write an algorithm.
- Our brain ....., processes, and stores information.

#### C. What would happen if ... we had to live in a world without water?

