

Worksheet

2

Name:

Roll No: Class: Section:

Date:

PARTS OF ROBOTS

Chapter-5

A. Match the following:

- | | |
|------------------------|--|
| 1. Pressure sensors | a. are used to detect sounds. |
| 2. Temperature sensors | b. use high-frequency sounds to detect objects |
| 3. Microphones | c. are used to detect changes in position, velocity, force, etc. |
| 4. Contact sensors | d. sense temperature. |
| 5. Sound sensors. | e. sense pressure. |

B. Write T for true and F for false.

- | | |
|---|-------|
| 1. Robots cannot do anything by themselves. | |
| 2. Humans can handle only specialised tasks. | |
| 3. End effectors are attached to the robot's wrist and controlled through a computer. | |
| 4. Robots use muscles to give movements to their arms, palms and fingers. | |
| 5. Pre-Programmed robots are insensitive to their changing environment. | |

C. Define the following terms:

- | | |
|----------------------|-------|
| 1. Manipulator | |
| 2. End effector | |
| 3. Simple Controller | |