

Worksheet

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Name:

Roll No: Class: Section:

Date:

PARTS OF ROBOTS

Chapter-8

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.

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

C. Define the following terms:

- Manipulator
.....
- End effector
.....
- Simple Controller
.....