

# Worksheet

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Name: .....

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

Date: .....

## TYPES OF ROBOTS

## Chapter-4

### A. Fill in the blanks.

1. .... robot is a robot system which used for manufacturing purposes.
2. A ..... robot is a type of robot intended to physically interact with humans in a shared workspace.
3. A ..... robot is a robot that is designed to perform tasks that a either time consuming, dangerous or repetitive.
4. Security robots such as ..... have a night-vision-capable wide-angle camera that detects movements and intruders.
5. Autonomous precision seeding combines robotics with .....

### B. State whether these statements are true or false.

1. Monitoring huge fields of crop is a small job. ....
2. A medical robot is a robot used in the medical sciences. ....
3. Robots does not play an important role in space and research programmes. ....
4. The BRUIE robot can float on the water and roll its wheel along the underside of an icy surface while taking pictures and collecting data. ....
5. Lego and Furby were military robots introduced in 1998. ....

### C. Assertion and reasoning based question.

**Assertion(A):** A humanoid robot is a robot with its body built to resemble the human body.

**Reason(R):** In general, humanoid robots have a torso, a head, two arms, and two legs.

1. Both A and R are correct and R is the correct explanation of A.
2. Both A and R are correct but R is NOT the correct explanation of A.
3. A is correct but R is not correct.
4. A is not correct but R is correct.