Class - V.   Ch- 10 Robotics   Subject - Computer

Q1. Choose the correct option

1. Which of the following is an example of a robot used in a security ?

   a. ✓ Flyability   b Picard   c. Argus.   d. All of these

2. Which of the following robots can prepare food ?

   a) Robo Thespian.   b) Nao.   c) Paro.   d)✓ Moley

3. Which of the following is a low- cost robot capable of rolling around freely ?

   a) ✓ Zenbo   b) Paro   c) Root   d) Nao

4. Which of the following humanoids mimics the movement of its human operators ?

   a) Sophia   b) Digit   c) ✓T- HR3   d) None of these

5. Which of the following robots can perform surgery in healthcare field ?

   a) Companion robot.   b) Disinfection robot.   c) Rehabilitation robots.   d) ✓Surgical robots

Q2   Fill in the blanks with the correct words.

1. Robots are deployed as <u>security</u> guards to protect humans.

2. <u>Nadine</u> can recognise people from the database of their previous visits.

3. The <u>shipwreck</u> robots search wracked ships like Titanic.

4. Several countries are working on humanoids for <u>space</u> exploration.

5. <u>Paro</u> is a talking robot that is used for therapy.

Q3 Answer the following questions.

i) Define Robots.

Ans A robot is a type of automated machine that can execute specific tasks with little or no human intervention and with speed and precision.

ii) Write any two uses of robots in healthcare.

Ans Two uses of robots in healthcare are : -

a) Surgical robots help in surgery.

b) Helps in recovering patients.

iii) Name the following robots:

a) A music - band robot.   Z- machines

b) A robot that helps you learn coding.   Root

iv) How is NASA using robotics devices in space exploration ?

Ans NASA has made number of robotics devices to support or substitute astronauts to perform high task.

Scratch your Brain

Name these robots

i) Paro.   ii) Robo Thespian

iii) Zenbo.   iv) Sophia

Application based questions:

i) Yes ,AI helps in researching and finding data .Human researchers spend huge amount of collecting data.

ii) They can take help from Moley Robotic Kitchen.