



Introduction to Robots

Learning Outcomes

- ✓ What is a Robot?
- ✓ Advantages of Robots
- ✓ Popular Robots
- ✓ Disadvantages of Robots

 **QUEST**



Critical Thinking
Technology Literacy

Identify the robot using the given clue and write its name:

1. A lovable robotic dog.

AIBO

2. A robot developed to lift patients.

ROBEAR

A. Tick (✓) the correct option.

1. Which of the following is driverless vehicle to deliver food items?

(i) 

(ii) 

(iii) 

(iv) 

2. Which of the following can move as quickly as 3.2 metres per second?

(i) 

(ii) 

(iii) 

(iv) 

3. Which of the following enjoys being petted?

(i) 

(ii) 

(iii) 

(iv) 

B. Fill in the blanks using the words given below.

★ Robot ★ Robear ★ Dog ★ Mitra

1. **Mitra** robot greets customers.
2. Aibo is a lovable robotic **Dog**.
3. **Robear** is a high-tech nursing robot.
4. A **Robot** can keep doing the same thing repeatedly.

C. State whether these statements are true or false.

1. The robot, Mitra, can understand only English language.
2. Robots never get bored.
3. A robot can think on its own.

False

True

False

A. Identify the given robots and write their names.

1.



Aibo

2.



Nuro

3.



Cyber dog

5.



Robear

E. Answer the following questions:

1. Write any two advantages of robots.

Robots never get bored.

Robots work with high accuracy.

2. Write the names of any two robots.

Aibo

Nuro



FUN ZONE



Critical Thinking
Technology Literacy

Rearrange the letters to make meaningful words.

- | | |
|--------------|------------------|
| 1. MTRIA | MITRA |
| 2. BOAI | AIBO |
| 3. CBERY ODG | CYBER DOG |
| 4. RBAOER | ROBEAR |

Competency-based/Application-based questions



Experiential Learning
Information Literacy

1. Your friend Sohan has ordered some food online and his food was delivered outside by someone, he just entered an access pin to unlock the door, and retrieved his food. Who might have delivered the Sohan's food? **Nuro**
2. You need a companion who recognise your face, pick up smiles and compliments, and learn new skills. Which popular robot you should use? **Aibo**

Periodic Assessment 4

(Based on chapters 8 & 9)

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A. Identify the given robots and write their names.



Aibo



Nuro



Cyber dog



Mitra



Robear

Periodic Assessment 4

(Based on chapters 8 & 9)

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B. Write the use of the following AI devices:

1. Smartphone

Navigation, Photo Filter, Games

2. Smartwatch

Heartbeat, Count your steps

3. Smart TV

Play movies or change channels using Internet

4. Smart Doorbell

It informs the house owner on their mobile when a visitor arrives at the door.

5. Smart Speaker

Reminders, Play music

6. Driverless Car

This car travels between the destinations without human help.

THANK YOU