

**ICI School, Bhosari**  
**PERIODIC TEST :- 2 (2025-26)**  
**Subject :- Ai & Robotics**

Name :- \_\_\_\_\_  
Std :- II Div :- \_\_\_\_\_  
Date :- \_\_\_\_\_  
Subject :- AI & Robotics

Roll.no :- \_\_\_\_\_  
Marks Obtained :- \_\_\_\_\_  
Total Marks :- 25

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|                  |                             |
|------------------|-----------------------------|
| Marks Obtained : | Supervisor Sign with date : |
| Total Marks: 25  | Subject Teacher's Sign :    |

**Q1. Tick the Correct Answer (5 marks)**

1. What part is the “brain” of the robot?
  - ☐ Motor
  - ☐ Motherboard
  - ☐ Sensor
2. What part helps the robot car to move?
  - ☐ Sensor
  - ☐ Motor
  - ☐ Light
3. What part works like the “eyes” of the smart tap?
  - ☐ Sensor
  - ☐ Motor
  - ☐ Blocks
4. The little light on the front of the car is called an:
  - ☐ LED
  - ☐ Motor
  - ☐ Wheel
5. What do we use to build the body of the robot?
  - ☐ Motors
  - ☐ Qbits(Building Blocks)
  - ☐ Motors

Q2. Fill in the Blanks.(backward,move,sensor,LED,motherboard) (5 marks)

1. The smart tap uses a \_\_\_\_\_ to see your hand.
2. A motor helps the robot \_\_\_\_\_
3. The opposite of the forward direction is \_\_\_\_\_
4. The \_\_\_\_\_ on the RC car works like a headlight.
5. The \_\_\_\_\_ tells all the parts of the robot what to do.

Q3. True or False(5 marks)

1. A sensor helps a robot hear things. \_\_\_\_\_
2. A motor makes the whwls of the car spin. \_\_\_\_\_
3. The smart tap gives you water without touching it. \_\_\_\_\_
4. All robots must have wheels to move. \_\_\_\_\_
5. Wires are used to connect parts to the motherboard. \_\_\_\_\_

Q4. Match the Following.(5 marks)

| Column A        | Column B    |
|-----------------|-------------|
| a. Robot Brain  | Qbits       |
| b. Robot Eyes   | LED         |
| c. Robot Legs   | Sensor      |
| d. Robot Lights | Motherboard |
| e. Robot Body   | Motor       |

Q5. Answer in One Word.(Move,LED,Forward,Motherboard,Sensor)

1. What part of the robot gives out light?  
**Ans:-** \_\_\_\_\_
2. What does a motor help a robot do?  
**Ans:-** \_\_\_\_\_
3. What part sees your hand under the tap?  
**Ans:-** \_\_\_\_\_
4. What direction does the car go if both wheels spin forward? (5 marks)  
**Ans:-** \_\_\_\_\_
5. What is the main board that controls everything?  
**Ans:-** \_\_\_\_\_