

**ICI School, Bhosari**  
**PERIODIC TEST :- 2 (2025-26)**

Subject :- Ai & Robotics

**NAME :-** \_\_\_\_\_

**STD :- I Div :-** \_\_\_\_

**Date :-** \_\_\_\_\_

**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**

1. What is the brain of robot called?  
☐ Wheel  
☐ Qbrick  
☐ Motor
2. Which part helps the robot move?  
☐ IR sensor  
☐ Qbit  
☐ DC motor
3. How many motor does the RC car use?  
☐ One  
☐ Two  
☐ Four
4. The automatic scrubber is a robot that can :  
☐ Fly  
☐ Clean  
☐ Sing
5. What does the IR sensor help the robot do?  
☐ See things in front  
☐ Make noise  
☐ Change color

## Q2. Fill in the Blanks.

Word Bank [ **output, infrared, rechargeable, four, input** ]

1. The RC car can move in \_\_\_\_\_ directions.
2. An IR Sensor is an \_\_\_\_\_ device because it takes in information.
3. A DC Motor is an \_\_\_\_\_ device because it makes thing happen.
4. The full name for IR is \_\_\_\_\_.
5. The QBrick's Battery is \_\_\_\_\_, so we can charge it again.

## Q3. Write 'True' or 'False'.

1. A DC Motor helps the robot to stand still. \_\_\_\_\_
2. The RC Car needs an IR Sensor to move. \_\_\_\_\_
3. The Automatic Scrubber uses only one motor. \_\_\_\_\_
4. Qbits are the building blocks for the robot. \_\_\_\_\_
5. TO make the RC car go forward, both wheels must turn. \_\_\_\_\_

## Q4. Match the Follwoing.

Match the word in Column A with the picture it belongs to in Column B.

1.DC Motor

2.Wheel

3.QBrick

4.IR Sensor

5. RJ Cable



**Q5. Answer in One Word.**

**Word Bank:- Clockwise, Right , Scrubber, Zero, Left**

1. Which robot is used for cleaning? \_\_\_\_\_
2. To stop the motor , what speed number do we use?
3. If the right motor is 255 and the left motor is 0 , the car turns in which direction \_\_\_\_\_
4. To move forward, the wheels must turn in which direction? \_\_\_\_\_
5. If the left motor is 255 and the right motor is 0 , the car turns in which direction? \_\_\_\_\_