

IMPORTANT 2 MARKS

1. What is the role of the communication module in a smart energy meter?
2. Compare Accelerometer and Gyroscope.
3. List the applications of IR Sensor.
4. Describe the role of IoT sensors in monitoring and controlling a Smart Grid.
5. Build the block diagram of touch control sensor interface with IoT.
6. What is the principle behind IR remote control?
7. How does a capacitive touch sensor work?
8. Name two communication technologies used in smart meters.
9. Why is a relay used in electrical circuits?
10. Mention two limitations of IR-based control systems.
11. How does IoT enhance the efficiency of a smart grid?
12. What role do sensors play in smart building automation?
13. Mention two recent advancements in wireless sensor networks (WSN).
14. How does edge computing improve sensor network performance?
15. How does predictive maintenance benefit industries using IoT?
16. Sketch the functional block diagram of Accelerometer.
17. Mention the benefits of Digital Energy Meter.
18. Compare Relay and Contactor.
19. Develop the IOT architecture for smart Grid.
20. List the modern applications of IoT used in industry