

#1. Which IoT communication protocol is commonly used for communication between IoT devices in agriculture?

☐

LoRa

☐

Zigbee

☐

MQTT

☐

Bluetooth

☐

Wi-Fi

#2. In IoT, what is the purpose of a sound sensor?

☐

To detect sound levels

☐

To process data

☐

To display information

☐

To store data

☐

To provide power

#3. Which of the following is an example of an IoT application in smart water management?

☐

Leak detection

☐

Cooking

☐

Social networking

☐

Music production

☐

Interior decoration

#4. What is the primary function of a proximity sensor in an IoT device?

☐

To detect the presence or absence of an object or material

☐

To process data

☐

To display information

☐

To store data

☐

To provide power

#5. Which IoT communication protocol is commonly used for communication between IoT devices and cloud services?

☐

MQTT

☐

CoAP

☐

HTTP

☐

Modbus

☐

OPC UA (Unified Architecture)

#6. In IoT, what is the purpose of a flame sensor?

☐

To detect the presence of flames

☐

To process data

☐

To display information

☐

To store data

☐

To provide power

#7. Which of the following is an example of an IoT application in environmental monitoring?

☐

Air quality monitoring

☐

Cooking

☐

Social networking

☐

Music production

☐

Interior decoration

#8. What is the main function of a tilt switch in an IoT device?

☐

To detect changes in orientation

☐

To process data

☐

To display information

☐

To store data

☐

To provide power

#9. Which IoT communication protocol is commonly used for communication between IoT devices in healthcare?

☐

Bluetooth Low Energy (BLE)

☐

MQTT

☐

CoAP

☐

Zigbee

☐

LoRa

#10. In IoT, what is the purpose of a vibration sensor?

☐

To detect vibrations or oscillations

☐

To process data

☐

To display information

☐

To store data

☐

To provide power

#11. Which of the following is an example of an IoT application in smart lighting?

☐

Lighting control

☐

Cooking

☐

Social networking

☐

Music production

☐

Interior decoration

#12. What is the primary function of an ultrasonic sensor in an IoT device?

☐

To measure distance or detect objects using sound waves

☐

To process data

☐

To display information

☐

To store data

☐

To provide power

#13. Which IoT communication protocol is commonly used for communication between IoT devices in smart grid systems?

☐

DNP3 (Distributed Network Protocol 3)

☐

Modbus

☐

MQTT

☐

CoAP

☐

OPC UA (Unified Architecture)

#14. In IoT, what is the purpose of a color sensor?

☐

To detect and measure colors

☐

To process data

☐

To display information

☐

To store data

☐

To provide power

#15. What is the main function of a tilt sensor in an IoT device?

☐

To detect changes in orientation

☐

To process data

☐

To display information

☐

To store data

☐

To provide power

#16. Which IoT communication protocol is commonly used for communication between IoT devices in asset tracking systems?

☐

MQTT

☐

CoAP

☐

LoRa

☐

Zigbee

☐

Modbus

#17. In IoT, what is the purpose of a pH sensor?

☐

To measure the acidity or alkalinity of a solution

☐

To process data

☐

To display information

☐

To store data

☐

To provide power

#18. Which of the following is an example of an IoT application in smart parking?

☐

Parking space availability

☐

Cooking

☐

Social networking

☐

Music production

☐

Interior decoration

#19. What is the primary function of a soil moisture sensor in an IoT device?

☐

To measure the moisture content in the soil

☐

To process data

☐

To display information

☐

To store data

☐

To provide power

Finish

Results

