

#1. What does IoT stand for?

☐

Internet of Things

☐

Internet of Technology

☐

Internet of Thinking

☐

Intelligent Object Tracking

☐

Intranet of Things

#2. Which of the following is NOT a characteristic of IoT?

☐

Independence

☐

Interconnectivity

☐

Intelligence

☐

Integration

☐

Invisibility

#3. Which technology is fundamental for enabling IoT devices to communicate wirelessly?

☐

Wi-Fi

☐

NFC (Near Field Communication)

☐

Bluetooth

☐

RFID (Radio-Frequency Identification)

☐

LAN (Local Area Network)

#4. What is the purpose of a sensor in an IoT device?

☐

To collect data from the environment

☐

To process data

☐

To store data

☐

To display information

☐

To provide power

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

☐

MQTT (Message Queuing Telemetry Transport)

☐

HTTP (Hypertext Transfer Protocol)

☐

SMTP (Simple Mail Transfer Protocol)

☐

FTP (File Transfer Protocol)

☐

TCP/IP (Transmission Control Protocol/Internet Protocol)

#6. Which of the following is an example of an IoT application in healthcare?

☐

Remote patient monitoring

☐

Online gaming

☐

Social media

☐

Weather forecasting

☐

Online shopping

#7. What is a key benefit of using IoT in agriculture?

☐

Precision farming

☐

Indoor gardening

☐

Virtual reality

☐

3D printing

☐

Autonomous vehicles

#8. Which wireless technology is commonly used for short-range communication in IoT devices?

☐

Bluetooth

☐

Wi-Fi

☐

LTE-M

☐

LoRa

☐

Zigbee

#9. What does RFID stand for in the context of IoT?

☐

Radio-Frequency Identification

☐

Remote Frequency Indicator

☐

Real-time Field Identification

☐

Rapid Fire Identification

☐

Random Field Identifier

#10. In an IoT context, what does “Edge Computing” refer to?

☐

Processing data near the source

☐

Cloud-based computing

☐

Quantum computing

☐

Offline computing

☐

Centralized computing

#11. Which type of device in IoT is responsible for aggregating data from multiple sensors?

☐

Gateway

☐

Actuator

☐

Sensor

☐

Controller

☐

Transceiver

#12. What is the main purpose of an Actuator in IoT?

☐

To perform actions based on data

☐

To collect data

☐

To process data

☐

To display information

☐

To provide power

#13. Which IoT communication protocol is known for its low power consumption, making it suitable for battery-operated devices?

☐

Zigbee

☐

LoRa

☐

MQTT

☐

CoAP

☐

HTTP

#14. What is the main function of a microcontroller in an IoT device?

☐

To control and process data

☐

To display information

☐

To store data

☐

To provide power

☐

To collect data from the environment

#15. Which industry benefits from IoT technology in supply chain management and inventory tracking?

☐

Retail

☐

Transportation

☐

Healthcare

☐

Entertainment

☐

Agriculture

#16. What is the purpose of a SIM card in IoT devices?

☐

To provide cellular connectivity

☐

To store data

☐

To process data

☐

To display information

☐

To collect data from the environment

#17. Which of the following is NOT a security concern in IoT deployments?

☐

Limited processing power

☐

Data privacy

☐

Authentication and authorization

☐

Secure firmware updates

☐

Encryption

#18. Which IoT technology is designed for long-range communication in low-power applications?

☐

LoRa

☐

Zigbee

☐

Bluetooth

☐

Wi-Fi

☐

NFC (Near Field Communication)

#19. What is a common use case for IoT in smart cities?

☐

Traffic management

☐

Space exploration

☐

Fashion design

☐

Music production

☐

Interior decoration

#20. Which type of network topology is commonly used in IoT deployments where devices communicate with a central hub?

☐

Star

☐

Mesh

☐

Bus

☐

Ring

☐

Tree

Next

Results



