#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