

1. Which of the following is part of the IoT equation "Physical Object + Controller, Sensor and Actuators"?

- A) Cloud Computing
- B) Internet
- C) Big Data Analytics
- D) Artificial Intelligence

****Answer:** B) Internet**

2. How does IoT differ from traditional networks regarding content creation? (Medium)**

- A) IoT relies on human-generated content.
- B) IoT content is created by machines.
- C) Traditional networks use sensors for content.
- D) Traditional networks push information automatically.

****Answer:** B) IoT content is created by machines.**

3. Which IoT level is suitable for wireless sensor networks with computationally intensive data analysis?

- A) Level 1
- B) Level 3
- C) Level 5
- D) Level 6

****Answer:** C) Level 5**

4. What is the purpose of digital twins in IoT? (Medium)**

- A) Replace physical systems entirely
- B) Simulate real-time sensor data and generate recommendations
- C) Store historical data for compliance
- D) Reduce the need for internet connectivity

****Answer:** B) Simulate real-time sensor data and generate recommendations**

5. Which protocol is NOT listed as part of IoT communication technologies? (Easy)**

- A) ZigBee
- B) IPv6
- C) Bluetooth
- D) HTML

****Answer:** D) HTML**

6. An IoT system has multiple nodes performing local analysis, cloud-based storage, and an application layer. Which level is this?

- A) Level 2
- B) Level 4
- C) Level 5
- D) Level 6

****Answer:** B) Level 4**

7. Which of the following is part of the IoT 4S rule? (Medium)**

- A) Speed
- B) Scalable
- C) Synchronous
- D) Symmetrical

****Answer:** B) Scalable**

8. According to the Oxford Dictionary, IoT enables devices to: (Easy)**

- A) Replace human operators
- B) Communicate using HTML links
- C) Share data via the internet
- D) Operate without sensors

****Answer:** C) Share data via the internet**

9. Soil moisture sensors in IoT are most likely used in which application domain? (Hard)**

- A) Healthcare
- B) Agriculture
- C) Transportation
- D) Retail

****Answer:** B) Agriculture**

10. IoT enabling technologies include which of the following? (Medium)**

- A) Wireless Sensor Networks
- B) Cloud Computing
- C) Embedded Systems
- D) All of the above

****Answer:** D) All of the above**
