

**1. According to the Oxford Dictionary (Jan 2022), what defines the Internet of Things (IoT)? (Easy)\***

- A) Direct communication between devices using wired or wireless channels
- B) A network of everyday objects with sensors and software that communicate via the internet
- C) A digital twin simulating real-time sensor data
- D) Human-created content shared through traditional networks

**\*\*Answer:\*\* B) A network of everyday objects with sensors and software that communicate via the**

---

**2. Which IoT level is characterized by a single node performing sensing, local analysis, and storing**

- A) Level-1
- B) Level-2
- C) Level-3
- D) Level-5

**\*\*Answer:\*\* B) Level-2**

---

**3. What is a key difference between IoT and traditional internet in terms of content creation? (Medium)**

- A) IoT uses HTML, while traditional internet uses sensors
- B) IoT content is created by machines, while traditional internet content is human-created
- C) Traditional internet relies on cloud computing, while IoT does not
- D) IoT requires explicit links, while traditional internet uses operations

**\*\*Answer:\*\* B) IoT content is created by machines, while traditional internet content is human-created**

---

**4. Which component is NOT part of the IoT equation "Physical Object + Controller, Sensor and Actuator"?**

- A) Actuator
- B) Cloud computing
- C) Sensor
- D) Controller

**\*\*Answer:\*\* B) Cloud computing**

---

**5. Which IoT application domain includes "intelligent traffic control systems" and "RFID tags for supply chain management"?**

- A) Healthcare
- B) Transportation
- C) Energy Management
- D) Environmental Monitoring

**\*\*Answer:\*\* B) Transportation**

---

**6. What does the 4S rule for IoT systems emphasize? (Medium)\*\***

- A) Speed, Security, Scalability, Sensors
- B) Simple, Secure, Smart, Scalable
- C) Storage, Sensors, Software, Security
- D) Stability, Safety, Speed, Scalability

**\*\*Answer:\*\* B) Simple, Secure, Smart, Scalable**

---

**7. Which IoT level is most suitable for a wireless sensor network with computationally intensive data processing?**

- A) Level-3
- B) Level-4
- C) Level-5
- D) Level-6

**\*\*Answer:\*\* C) Level-5**

---

**8. What is a defining characteristic of Machine-to-Machine (M2M) communication? (Easy)\*\***

- A) Requires human intervention for data exchange
- B) Uses digital twins for simulations
- C) Direct communication between devices via any channel
- D) Relies exclusively on cloud-based applications

**\*\*Answer:\*\* C) Direct communication between devices via any channel**

---

**9. Which IoT component is responsible for enabling communication via protocols like ZigBee or Bluetooth?**

- A) Sensors
- B) Actuators
- C) Controllers
- D) Communication protocols

**\*\*Answer:\*\* D) Communication protocols**

---

**10. What distinguishes Level-6 IoT systems from other levels? (Hard)\*\***

- A) Use of a coordinator node for data collection
- B) Independent end nodes that send data directly to the cloud
- C) Local analysis performed at the device level
- D) Storage of data exclusively on local servers

**\*\*Answer:\*\* B) Independent end nodes that send data directly to the cloud**

---