1. According to the Oxford Dictionary (2022), how is the Internet of Things (IoT) defined? (Easy)
A) Direct communication between machines using wired or wireless channels
B) A network of traditional household appliances connected via the internet
C) The connection of devices within everyday objects via the internet, enabling them to share data
D) An integration of embedded systems and big data analytics in industrial applications
Answer: C) The connection of devices within everyday objects via the internet, enabling them to**

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2. Which components form the IoT equation "Internet-of-Things"? (Medium)
A) Physical Object + Cloud Computing + Big Data
B) Sensor Network + Actuators + Human Interaction
C) Physical Object + Controller, Sensor and Actuator + Internet
D) Embedded Systems + IPv6 Protocol + Wireless Communication
Answer: C) Physical Object + Controller, Sensor and Actuator + Internet**

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3. Which of the following correctly lists the 4S rule for IoT systems? (Medium)
A) Secure, Stable, Smart, Scalable
B) Simple, Secure, Safe, Scalable
C) Simple, Secure, Smart, Scalable
D) Secure, Smart, Standardized, Scalable
Answer: C) Simple, Secure, Smart, Scalable**

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4. A manufacturing plant uses IoT to monitor machinery performance in real time. The system hand
A) Level-1: Single-node system with local storage and analysis
B) Level-3: Cloud-based analysis for computationally intensive tasks
C) Level-5: Coordinator node with wireless sensor networks and cloud-based analysis
D) Level-6: Independent nodes sending data directly to the cloud
Answer: B) Level-3: Cloud-based analysis for computationally intensive tasks**

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5. Which statement accurately describes a Level-1 IoT system? (Medium)
A) Data is stored in the cloud, and applications are hosted remotely
B) It is ideal for scenarios with minimal data and low computational complexity
C) Multiple nodes perform local analysis before sending data to the cloud
D) It requires a coordinator node to manage end-to-end communication
Answer: B) It is ideal for scenarios with minimal data and low computational complexity**