1. What does the IoT equation "Physical Object + Controller, Sensor and Actuator + Internet" repres
A) Traditional networking
B) Internet of Things (IoT)
C) Cloud computing architecture
D) Ambient Intelligence (AmI)
Answer: B) Internet of Things (IoT)
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2. According to the Oxford Dictionary (2022), how is IoT defined? (Easy)
A) Direct communication between machines using wired channels
B) Connection of everyday devices via the internet to share data
C) A network limited to industrial machinery
D) Human-controlled data exchange systems
Answer: B) Connection of everyday devices via the internet to share data
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3. Which of the following is NOT part of the IoT 4S rule? (Medium)
A) Simple
B) Sustainable
C) Secure
D) Scalable
Answer: B) Sustainable
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4. Which IoT level uses a coordinator node to collect data from end nodes and send it to the cloud?
A) Level-3
B) Level-4
C) Level-5
D) Level-6
Answer: C) Level-5
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5. A company deploys an IoT system with multiple nodes performing local analysis, cloud storage,
A) Level-2
B) Level-3
C) Level-4
D) Level-6
Answer: C) Level-4
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6. "Intelligent systems for road maintenance" falls under which IoT application domain? (Hard)
A) Healthcare
B) Agriculture
C) Transportation
D) Energy Management
Answer: C) Transportation
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7. Which communication protocol is NOT typically used in IoT? (Easy)**
A) RFID
B) Bluetooth
C) ZigBee
D) HTTP
Answer:** D) HTTP
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8. Which of the following is NOT a characteristic of IoT systems? (Medium)**
A) Minimal human intervention
B) Long battery lifetime
C) High power consumption
D) Scalability
Answer:** C) High power consumption
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9. What concept involves a digital simulation twin that generates real-time recommendations for ph
A) M2M Communication
B) Digital Twins
C) Ambient Intelligence
D) Cloud Analytics
Answer:** B) Digital Twins
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10. IoT Level-3 systems are best suited for scenarios requiring: (Medium)**
A) Local data storage and low complexity
B) Cloud-based analysis of computationally intensive data
C) Multiple coordinator nodes
D) Independent end nodes with direct cloud communication
Answer:** B) Cloud-based analysis of computationally intensive data