

Subject : Internet of Things(IoT)	Subject Code:21CST702 Odd Sem-2024
Faculty: Lavanya Santhosh	7th Semester 'A & C' sec

UNIT 1: Introduction to IoT

Questions

1	Explain Internet of Things (IoT) with example.
2	What is the formal definition of IoT? Explain the characteristics of IoT
3	What are different components required for IoT device?
4	What effect will the internet of things (IoT) have on our daily lives? Explain with any one example of smart device.
5	Explain in details IoT Architecture layers.
6	Explain with example MQTT Protocol. What is role of MQTT protocol in IoT?
7	Write a note on : CoAP, REST, XMPP.
8	What are different IoT protocols?
9	Explain IoT Application and Deployment Scenarios in different domains.
10	Write note on: Wearable - Smart Cities- Smart Home – Smart HealthCare- Agriculture - Smart Grid.
11	Explain with example: Wearable - Smart Cities- Smart Home – Smart HealthCare- Agriculture - Smart Grid.
12	Explain IoT enabling technologies
13	Explain IoT Levels in details with a suitable diagram.
14	Write a note on IoT Deployment templates.(Any template can be asked with an application)
15	Describe an example of IoT service that uses publish-subscribe communication model.
16	What is the role of a , 1. Coordinator in Wireless Sensor Network 2. Controller service in an IoT System
17	What are the architectural constraints of REST?

18	Describe an example of IoT service that uses WebSocket-based communication
19	Describe an example of IoT service that uses publish-subscribe communication model.
20	Describe an example of IoT service that uses WebSocket-based communication.
21	Explain the exclusive pair model used by WebSocket API's.

NOTE

- Questions can be based on these topics.
- Questions are not restricted only to the above mentioned.