S.No	QUESTION

	UNIT-I OVERVIEW OFWIRELESS SENSOR NETWORKS
	Part - A(Short Answer Question
1	List any four applications of WSN.
2	State the important characteristics of WSN.
3	State the deployment options for WSNs.
4	What is Data-Centric Network?
5	List out the different types of interaction pattern between sources and sinks in WSN.
6	What is meant by energy scavenging?
7	State about the Event Detection application.
8	Why is multi hop wireless communication required for WSN?
9	What are the advantages of sensor networks?
10	What are the applications of sensor network?
11	Explain the challenges in the sensor networks
12	Define first generation of sensor network
13	Explain design Issues of a Wireless Sensor Network
14	Define Fault Tolerance
15	Explain different generations of sensor network
16	Define Scalability
17	Define Hardware Constraints
18	Explain Second Generation Sensor Network -2GSN
19	Explain Third Generation Sensor Network - 3GSN
20	Explain Sensor Network Topology
	Part - B (Long Answer Question
1	Discuss the characteristic requirements of WSN.
2	Explain the innovative mechanisms to realize the characteristic requirements of WSN.
3	Discuss the potential applications of WSN.
4	Compare MANET and WSN.
5	Discuss about the enabling technologies to build up WSN.
6	Explain Challenges in Wireless Sensor Network
7	Explain the design of Application awareness.
8	Discuss the Security Services from the WSNs Perspective
9	Explain the Key Management Mechanisms
10	Briefly explain the Current Approaches of sensors
11	Explain the Sensor Network Classes
12	Discuss the Environmental Data Collection
13	Explain the Security Monitoring