

17	Define data link layer.
18	Define etiquette protocol.
19	Define network layer.
20	Define ideal dissemination.
Part - B (Long Answer Question)	
1	Discuss in detail the Transceiver characteristics and structure.
2	Define the types of Sensors and give examples.
3	Elaborate on the energy scavenging techniques for sensor nodes.
4	Write about the operational states of a sensor node.
5	Discuss about the energy consumption of the different components of a sensor node.
6	Write notes on (i). Dynamic Energy and power management (ii). Tiny OS and nes C (iii). Programming Models of WSN iv). structure of operating system and protocol stack
7	Discuss in detail the design principles for WSN.
8	Explain about energy consumption of sensor nodes in detail.
9	Write in detail about the communication device in a WSN.
10	What are the different programming models and indicate which model is best suited for WSN?
11	Write about the structure of OS and protocol stack in a WSN.
12	Describe about optimization goals of a WSN and figures of merit in detail.
13	What is WSN tunnelling?

S.No	QUESTION
14	Explain the concept of Gateway with different scenarios in WSN.
15	Explain the routing challenges and design issues in WSNs
16	Discuss the SPIN(Sensor Protocols for Information via Negotiation)
17	Write about the sensor node deployment strategies
18	Discuss about the cross layer architecture
19	Write description of cross-layer architecture
20	Discuss the classification of routing protocols for wireless sensor networks