

Unit III

S.No	Questions	BT	CO	PO	
Part – A (Short Answer Questions)					
1	What is BLE?	L1	CO3	PO1	
2	How is Zigbee different from Bluetooth?	L2	CO3	PO1	
3	How is Zigbee different from 6LoWPAN?	L1	CO3	PO1	
4	What is Z-Wave?	L2	CO3	PO1	
5	What is the typical data transmission rate of IEEE 802.11?	L1	CO3	PO1	
6	What is 6LoRaWAN?	L2	CO3	PO1	
7	What are the salient features of 6LoWPAN?	L1	CO3	PO1	
8	Describe the RPL routing	L2	CO3	PO1	
9	What are the different header types in 6LoWPAN?	L1	CO3	PO2	
10	Differentiate between Z-Wave and Zigbee	L2	CO3	PO2	
Part – B (Long Answer Questions)					
11	a)	What is Zigbee? Explain 802.15.4 physical layer, mac layer and security?	L1	CO3	PO1
	b)	Explain LoRaWAN standard and alliance MAC Layer and Security?	L2	CO3	PO1
12	a)	List and explain the advantages of Internet protocol.	L2	CO3	PO1
	b)	How is IPv4 different from IPv6?	L2	CO3	PO1
13	a)	Describe the IPv6 header format.	L3	CO3	PO2
	b)	Describe the IPv4 header format.	L3	CO3	PO2
14	a)	Describe with a neat diagrams the header stacks of 6LoWPAN	L3	CO3	PO2
	b)	Briefly explain protocol stack utilization IEEE 802.15.4?	L2	CO3	PO2
15	a)	Describe the protocol stack of Bluetooth.	L3	CO3	PO2
	b)	Explain the protocol stack of Zigbee.	L2	CO3	PO1

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