USN					



Internal Assessment Test 3 – Nov, 2019

Sub:	IoT &WSN					Sub Code:	15EC752 Branch : E			CE		
Date:	19-11-19 Duration: 90 min's Max Marks: 50 Sem / Sec: 7 A, B,							B, C, D	, C, D		OBE	
Answer any FIVE FULL Questions								M	MARK S		RB T	
1.	Explain LEACH protocol with necessary figures.							[10]	CO4	L2	
2.	Explain about vulnerabilities in WSN and also explain layer attacker model.							[10]	CO3	L2	
3 (a)	a) Explain four layer architectural frame work developed at CISCO for the city.								06]	CO1	L2	
(b)	(b) Explain in brief about IoT stack							I	04]	CO3	L2	
4.	Explain energy efficient unicast and various aspects of energy efficient unicast.							[10]	CO4	L2	
5 (a)	(a) Explain Mediation Device Protocol with its advantages and disadvantages.								[5]	CO4	L2	
(b)	(b) Explain about CSMA protocol with proper flow diagram								[5]	CO4	L2	
6.	Explain security requirements and threat analysis in WSN.							[10]	CO3	L2	
7	Explain about Arduino platform and write a program for displaying traffic light.							. [3	8+7]	CO3	L2	
	Explain the most crucial points influencing physical layer design in WSN and explain low duty cycle concepts with neat figure.								7+3]	CO4	L2	