CMRIT
CELEBRATING 25 YEARS
* CMR INSTITUTE OF TECHNOLOGY, BENGALURU.
ACCREDITED WITH A+ GRADE BY NAAC

Internal Assessment Test 1 – Sept. 2018

Sub:	IOT &WSN					Sub Code:	15EC752	Branch:	ECE/TCE		
Date:		Duration:	90 min's	Max Marks:	50	Sem / Sec:		7 A,B,C,D		OBE	
					Answer any FIVE FULL Questions				MARKS	CO	RBT
1 (a)	Explain CoAP and connectivity of CoAP client to CoAP server with necessary figures.								[10]	CO1	L2
	OR										
(a)	Explain modified OSI Model for the IoT/M2M Systems.								[10]	CO1	L2
2 (a)	Explain three domains of M2M Architecture.								[10]	CO1	L2
	OR									CO1	L2
(a)	Explain what is cloud computing and describe the cloud service model with necessary figure.								[10]	CO1	L2
3 (a)	Explain 6LOWPAN with necessary figure.								[7]	CO2	L2
(b)	Explain in brief about XMPP.								[3]	CO1	L2
	OR										
(a)	What is IoT? Explain conceptual frame work of IoT with necessary equations and reference model suggested by CISCO.								[10]	CO1	L2
4 (a)	Explain message communication protocol MQTT with pub/sub model. Draw all the necessary figures.								[10]	CO1	L2
	OR										
(a)	Explain the web communication protocol LWM2M with necessary figure.								[10]	CO1	L2
5 (a)	Explain IPV4 data stack.								[7]	CO2	L2
(b)	Explain in brief about IPV6								[3]	CO2	L2
	OR										
(a)	Give five application of IOT.								[10]	CO1	L2