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Internal Assessment Test 1 – Sept. 2018

Sub:	IOT & WSN	Sub Code:	15EC752	Branch:	ECE				
Date:	Duration:	90 min's	Max Marks:	50	Sem / Sec:	7 A, B, C, D	OBE		
<u>Answer any FIVE FULL Questions</u>							MARKS	CO	RBT
								CO1	L2
1.	Explain CoAP and connectivity of CoAP client to CoAP server with necessary figures.					[10]	CO1	L2	
2.	Explain modified OSI Model for the IoT/M2M Systems with neat figure.					[10]	CO1	L2	
3 (a)	Explain three domains of M2M Architecture with necessary figure.					[07]	CO1	L2	
	(b) Explain the technologies involved in IOT.					[03]	CO1	L2	
4.	What is IoT? Explain the discuss conceptual frame work of IoT with necessary equations and draw the reference model suggested by CISCO.					[10]	CO1	L2	
5 (a)	Explain data enrichment, data consolidation and device management at IoT gateway.					[8]	CO2	L2	
	(b) Compare constrained and unconstrained system environment.					[2]	CO1	L2	
6.	Explain message communication protocols MQTT with pub/sub model. Draw all the necessary figures.					[10]	CO1	L2	
7	Explain the web communication protocol LWM2M with necessary figure.					[10]	CO2	L2	
8	Give five applications of IOT and explain the difference between IoT and M2M.					[10]	CO1	L2	