roper 60 de 1 U359-115 (AL) GVIL U359-145(AL) IT U359-135(AL) ESTC U359-125(11) 60MP U359-155 (Ti) Mech

Total No. of Questions - [04]

Total No. of Printed Pages [01]

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1. I. B. TECH. ALL I	2019/ INSEM (T1) PROGAMS (SEMESTER -I)	
COURSE NAME: INTERNET	OF THINGS	
COURSE CODE: IE31175Cs		
	*	
Time: [1 Hour]	ERN 2017)	
Instructions to candidates: 1) Answer Q.1 OR Q.2 and Q.3 O. 2) Figures to the right carry mar	[Max. Marks R Q.4. ks.	: 30]
Q.1) a) Draw and explain the logical design b) Design deployment level two IoT System c) Define REST-based communication AP	em for Smart Irrigation System	[6] [6] [4]
	OR	
 Q. 2) a) List four Communication models of IOT b) Design deployment level one IoT System c) Explain IoT enabling technologies Cloud 	m for Home Automation.	[6] [6] [4]
c) Define Wi-Fi and explain elements of Wi-	-Fi.	[6] [4] [4]
 Q. 4) a) Draw and explain the Bluetooth protocol b) Draw and explain ZigBee system structure c) Compare MQTT and HTTP protocol. 	stack. [6 e. [4	