Paper / Subject Code: 70655 / Elective I: Internet of Things

MCA | SEM-II / C-2020 /MPR. 2023 / SH-2022

Total Marks: 80 Time: 3 Hours

N.B.

- 1) Question No.1 is compulsory.
- 2) Attempt any three from the remaining five questions.
- 3) Figures to the right indicate full marks

		tion of IoT	15
Q.1	(a)	Define IoT and Describe any four characteristics of IoT.)5
	(b)	Explain IoT reference model with the help of diagram.	05
	(c)	Write a note on Modbus protocol.	05 :
	(d)	Distinguish between Web of Things and Internet of Things.	10
Q.2	(a)	Explain IoT reference architecture. What are different views used for	
		Explain the various steps involved in IOT system design methodology?	10
	(b)	Claud Computing and WSN as IoT enabling technologies.	10
Q. 3	3 : (a)	Explain Cloud Company	10
	(b)	Elaborate the application of IOT in the following domains: Cities and)
	(-)	Environment. Why there is need for IoT Security. Explain elements of IoT Security.	10
Q.	4 (a	Why there is need for lot Security. Explain essential the Cloud of things architecture with suitable diagram. (EXPLAIN COURSE MAN)	10
a Že	(b	Telecommunications Standards Institute(E1SI) MZM	10
Q.		model in detail. b) What are the different efforts that have been taken for IOT Protocol	10
		Standardization?	10
	· · · ·	a) Explain various IoT Communication Models.	
Q	.6 ((b) Use IoT design methodology steps and design Home automation system.	10
	(b) Use IoT design methodology steps and design	

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