R20

Code No: EC57104PE2

CMR ENGINEERING COLLEGE
(UGC-Autonomous)
Kandlakoya(V), Medchal Road, Telangana-501401
I-M. Tech I-Semister Examinations, June - 2021
IOT AND ITS APPLICATIONS
(PE – II)

Time: 3 Hours   Max. Marks: 70

Answer any Five Questions
All Questions Carry Equal Marks
(ORIGINAL)
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1.	a)	Define IoT. Explain the different evolutionary phases of Internet.	[6 M]
	b)	Explain Research directions of IoT.	[4 M]
	c)	Discuss about Security, Privacy, and Trust related to IoT.	[4 M]
2.	a)	Explain with neat diagram the one M2M IoT standardized architecture	[8 M]
	b)	Distinguish between M2M value chains and IoT value chains.	[6 M]
3.	a)	Elaborate deployment and operational view of IoT	[7 M]
	b)	Explain about IoT reference model and its architecture.	[7 M]
4.	a)	Explain value creation from big data and serialization	[8 M]
	b)	Explain IoT for retailing Industry.	[6 M]
5.	a)	Discuss activity chain 05 -governance, privacy and security issues.	[8 M]
	b)	Explain about Security and Privacy related to IoT.	[6 M]
6.	a)	Write a short note on Brownfield IoT.	[7 M]
	b)	Write Short note on "IoT impact in Real world."	[7 M]
7.	a)	Which is a smart city? What are the features of IoT based smart city?	[8 M]
	b)	Explain IoT for oil and gas industry.	[6 M]
8.	a)	Compare and contrast the deployment of smart objects.	[8 M]
	b)	Explain the future challenges of the Internet of Things.	[6 M]