CBCS SCHEME

USN		18M	MCA542
		Fifth Semester MCA Degree Examination, Jan./Feb. 2021	
Internet of Things			
			1 100
Tim	ie: 3	hrs. Max. Ma	arks: 100
	N 7.	ote: Answer any FIVE full questions, choosing ONE full question from each mod	lule.
	IVO	me: Answer any 11v E juit questions, choosing 6.12 juit questions	
		Module-1	(10 7/5 1)
1	a.	Define internet of Things. Explain Wiziri Communication	(10 Marks) (10 Marks)
	b.	Explain System Components of an M2M solution with example.	(10 Marks)
		OR	
2	a.	Explain danc Changers with example.	(10 Marks)
_	b.	Distinguish between the main characteristics of M2M and IoT.	(10 Marks)
		N/ - July 2	
•		Module-2 Explain Information Marketplaces with example.	(10 Marks)
3	a. b.	Describe Global Value Chains with example.	(10 Marks)
	υ.		
		OR	(10 Marks)
4	a.	Explain M2M Value Chain with example.	(10 Marks)
	b.	Describe the Information-driven global value chain with diagram.	(/
		Module-3	
5	a.	Explain device properties and types with example.	(10 Marks)
	b.	What is Gateway? Explain with example.	(10 Marks)
		OR	
6	a	Explain Device Management with example.	(10 Marks)
U	a. b.	Describe Local and Wide Area Networking with example.	(10 Marks)
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		Module-4 Describe European Telecommunications Standards Institute (ETSI) M2M level a	architecture
7	a.		(10 Marks)
	h	with example. Explain European Telecommunications Standards Institute (ETSI) M2M service of the	capabilities
	υ.	with example.	(10 Marks)
		OR	(10 Marks)
8	a.	Explain IoT Domain model with example. Explain Information model and Function model with example.	(10 Marks)
	b.		
		Module-5	(10 Marte)
9	a.	Explain Functional requirements and non-functional requirements with example.	(10 Marks) (10 Marks)
	b.	Explain Sensing and Communication field with example.	()

Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.

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OR
Explain Integrated device design with example.
Explain Data representation and Visualization with example.

(10 Marks)

(10 Marks)