Enrollment	No:	Exam Seat No:	
		UNIVERSITY	
	Summer Ex	amination-2017	
Subject Nan	ne: Internet of Things and Emb	bedded System	
Subject Cod	le: 4TE08ITE1	Branch: B.Tech (CE,IT)	
Semester: 8	Date: 15/04/2017	Time: 02:30 To 05:30	Marks: 70
(2) Instr (3) Dray	of Programmable calculator & arcuctions written on main answer law neat diagrams and figures (if not me suitable data if needed.	· · · · · · · · · · · · · · · · · · ·	rohibited.
At	ttempt the following questions:		(14)
a) W	hich is not a part of information	value loop?	
	1) Create 2) Communicate 3	3) Aggregate 4) Transform	
b) W	Thich is a type of Sensor?		
	1) Active 2) Nested 3)Pure 4	4)Range	
c) W	hich one is a Wide Area Networl	k technology?	
1	1) Ethernet 2) Wi-Fi 3)Bluetoo	oth 4) 4G	
d) W	hat is A in LTE-A?		
1	1) Active 2) Anchor 3) Advan-	ced 4) Arduino	
e) W	hat is "E" in ETL aggregation m	ethod?	
1) Effect 2) Extraction 3)Endur	re 4)Enlarge	

f) What is 'M' in M2H?

Q-1

- 1) Man 2) Machine 3) Matrix 4) Maker
- **g)** 'Map-Reduce' is part of which technology?
 - 1) Big-data 2) Python 3) Serial Algorithm 4) Surface Computing



	h)	How many Pins does Uno-Arduino board have?	
		1) 10 2) 09 3) 06 4)13	
	i)	How many arguments does pin Mode take?	
		1) 01 2) 0 3) 02 4)03	
	j)	Which one is not a part of 4Ps in Project Management?	
		1) People 2) Product 3)Project 4)Pinnacle	
	k)	What is "J" in JSON?	
		1) Java 2) Jade 3) Junk 4) Joint	
	1)	XML is a Language.	
		1) Scripting 2) Markup 3) High Level 4) Low-level	
	m)	Define Internet of Things.	
	n)	Define Augmented Intelligence.	
Attemp	ot any f	four questions from Q-2 to Q-8	
Q-2	a) b)	Attempt all questions What are Different Components of Internet of Things? Explain ETL in the context of data aggregation standards.	(14)
Q-3	a) b)	Attempt all questions What is Artificial Intelligence? Explain Explain Predictive and Prescriptive Analytics.	(14)
Q-4	a) b)	Attempt all questions Explain Arduino Programming with example. Describe working examples of Internet of Things.	(14)
Q-5	a) b)	Attempt all questions Explain in detail the XML format. What are the three levels of user design? Explain in detail.	(14)
Q-6	a) b)	Attempt all questions Explain Web API with examples. What are the components of XML?	(14)
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Q-7		Attempt all questions	(14)
	a)	What are key steps in Project Planning?	
	b)	Which 'P' among 4Ps is the most important and why?	
Q-8		Attempt all questions	(14)
Q-8	a)	Attempt all questions What are the challenges for Internet of Things Technology?	(14)

