Enrollmen	t No:	Exam Seat No:		
		UNIVERSITY		
	Summer Ex	camination-2017		
Subject Na	me: Internet of Things and Em	bedded System		
Subject Co	ode: 4TE08ITE1	Branch: B.Tech (CE,IT)		
Semester:	8 Date: 15/04/2017	Time: 02:30 To 05:30	Marks: 70	
(2) Ins (3) Dra			ohibited.	
A	Attempt the following questions:	:	(	(14)
a) V	Which is not a part of information	value loop?		
	1) Create 2) Communicate 3	3) Aggregate 4) Transform		
<b>b</b> )	Which is a type of Sensor?			
	1) Active 2) Nested 3)Pure	4)Range		
c) V	Which one is a Wide Area Networ	k technology?		
	1) Ethernet 2) Wi-Fi 3)Bluetoo	oth 4) 4G		
<b>d</b> ) V	What is A in LTE-A?			
	1) Active 2) Anchor 3) Advan	aced 4) Arduino		
e) V	What is "E" in ETL aggregation m	nethod?		
	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	t any f	four questions from Q-2 to Q-8	
Q-2	a)	Attempt all questions What are Different Components of Internet of Things?	(14)
	<b>b</b> )		
Q-3	a) b)	Attempt all questions What is Artificial Intelligence? Explain Explain Predictive and Prescriptive Analytics.	(14)
Q-4	a)	Attempt all questions Explain Arduino Programming with example.  Describe working examples of Internet of Things	(14)
	<b>b</b> )	Describe working examples of Internet of Things.	
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)
		H UNID	Page <b>2</b> of <b>3</b>



Q-7		Attempt all questions	(14)
	a)	What are key steps in Project Planning?	
	<b>b</b> )	Which 'P' among 4Ps is the most important and why?	
Q-8		Attempt all questions	(14)
Q-8	<b>a</b> )	Attempt all questions What are the challenges for Internet of Things Technology?	(14)

