## Paper / Subject Code: 42672 / Internet of Everything

1T01237 - B.E.(Information Technology Engineering)(SEM-VII)(Choice Base Credit Grading System ) (R- 19) (C Scheme) / 42672 - Internet of

Everything

QP CODE: 10015739 DATE: 12/12/2022

[3 Ho	urs]	[80 Marks]
Note:	1. Question 1 is compulsory	White Str.
	2. Answer any three out of remaining questions	
	3. Assume suitable data where required	30
		The Contraction of the Contracti
Q1	Solve any 4	6 6
a)	Define IOT with Conceptual Framework	5
b)	Compare and contrast RFID with Bluetooth	5
c)	What are the four big data strategies?	5
d)	Explain IoT Data Analytics importance	5 5
e)	Illustrate the components of IEEE 802.11 architecture.	5 5
Q2		
a)	Describe IoT World Forum (IoTWF) Standardized Architecture.	10
b)	Explain the concept of Fog Computing with Diagram.	10
0.2		
Q3		
a)	Draw and explain Architecture of MQTT with diagram.	10
b)	Explain the role of NoSQL in IoT Data Analytics Challenges.	10
3		
Q4	Diames Verieus LeT Application Transport Matheda	10
a)	Discuss Various IoT Application Transport Methods.	10
<b>b</b> )	Design the Forest Fire Detection system using IoT sensors.	10
705		
Q5 a)	Explain the architecture of LoRaWAN with its major Characteristic	es. <b>10</b>
b)	What is the purpose of using a dashboard for data visualization?	10
0)	what is the purpose of using a dashboard for data visualization:	10
Q6		
a)	Explain ecosystem for IoT enabled Smart Home with respect to ser	nsors, 10
α)	actuators, framework, protocols, storage, data analysis, security etc	
b)	Write short note on i) CoAP ii) Internet of Behaviour.	. 10
2	The short hote on 1, corn in, internet of Benaviour.	10
33		
	76' 76' 77' 75'	