

10/1/24

Vivekananda College of Engineering & Technology, Puttur
 [A Unit of Vivekananda Vidyavardhaka Sangha Puttur ®]
 Affiliated to VTU, Belagavi & Approved by AICTE New Delhi

95

CRM08

Rev 1.14 (2022 rev)

<FY>

<26-12-2023>

CONTINUOUS INTERNAL EVALUATION - 2

Dept: AI	Sem / Div: ECE, CS-A & CS-B	Sub: Introduction to IOT	S Code: BETCK105H
Date: 10-01-2024	Time: 2:30-4:00	Max Marks: 50	Elective: Y

Note: Answer any 2 full questions, choosing one full question from each part.

QN	Questions	Marks	RBT	CO's
PART A				
1 a	What is virtualization? Explain its advantages from end-user and service provider point of view.	9	L2	CO3
b	What are the various decision making approaches chosen for offloading data in IoT.	6	L2	CO3
c	With neat diagram, explain components of agricultural IOT.	10	L2	CO4
OR				
2 a	With neat diagram, explain cloud models.	9	L2	CO3
b	What are the critical factors to be considered during the design of IoT devices?	7	L2	CO3
c	With neat diagram, explain architecture of the smart irrigation management system.	9	L2	CO4
PART B				
3 a	Explain components and advantages of healthcare IOT.	9	L2	CO4
b	Explain actors in sensor-cloud architecture.	06	L2	CO3
c	What are the advantages and challenges of machine learning.	10	L2	CO4
OR				

4	a	What is machine learning (ML)? Explain the types of machine learning?	10	L2	CO4
	b	With neat diagram, explain components of vehicular IOT.	10	L2	CO4
	c	Explain the metrics for SLA.	5	L2	CO3



Prepared by: Mr. Venkatesh Y C



HOD