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

CRM08	Rev 1.14 (2022 rev)	‹FY›	‹02-11-2023›

CONTINUOUS INTERNAL EVALUATION – 1

Dept:ECE	Sem / Div:1st CS(A, B)& EC	Sub: Introduction to IOT	S Code:BETCK105H
Date:10-11-2023	Time:3:00-4:30	Max Marks: 50	Elective:Y
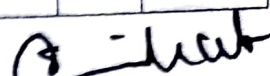
Note: Answer any 2 full questions, choosing one full question from each part.

QN		Questions	Marks	RBT	CO's
		PART A			
1	a	With neat diagram, explain various network topology.	10	L2	CO1
	b	With neat block diagram, Explain ISO-OSI model?	10	L2	CO1
	c	Differentiate between structured and unstructured data with examples.	5	L2	CO3
		OR			
2	a	What is IOT ? Explain M2M, IOP, CPS and Industry 4.0.	09	L2	CO1
	b	With neat diagram, Explain IoT Networking Components.	10	L2	CO1
	c	With neat diagram, explain on-site processing topology.	6	L2	CO3
		PART B			
3	a	Define Sensor and explain various classification of sensors with examples.	8	L2	CO2
	b	With a block diagram, explain the functional blocks of a typical sensor node in IOT.	10	L2	CO2
	c	Depending on the urgency of data processing, how are IoT data classified?	07	L2	CO3
		OR			

4	a	With neat diagram, explain off-site processing topologies.	10	L2	CO3
	b	Explain any FIVE classes of actuators.	10	L2	CO2
	c	Explain various characteristics of actuators.	05	L2	CO2

Prepared by:Mr. Nithin

HOD