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

CRM08	Rev 1.10	CSE	13/06/22

CONTINUOUS INTERNAL EVALUATION – 2

Dept: CSE	Sem / Div:6th A & B	Sub: Cloud Computing & its Application	S Code:18CS643
Date:16/06/22	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 a neat diagram explain Infrastructure as a Service and functionalities of its Components.	10	L2	CO3
b	With a neat diagram explain Cloud computing Architecture.	10	L2	CO3
c	List and explain the open challenges in cloud computing.	5	L2	CO4
	OR			
2 a	With a Neat diagram Explain Private cloud deployment mode and public cloud deployment mode.	10	L2	CO3
b	With a neat diagram explain Logical organization of Aneka Cloud.	10	L2	CO3
c	List the different types of Applications service provided by Aneka container.	5	L2	CO4
	PART B			
3 a	Explain aneka and common thread life cycle with a neat diagram.	10	L2	CO3
b	Explain Domain and Functional decomposition in parallel computation with diagrams.	10	L2	CO3

	c	Explain the relationship between process and threads with a neat diagram.	5	L2	CO4

		OR			
4	a	With a neat diagram explain MPI reference scenario and MPI program structure.	10	L2	CO3
	b	Explain embarrassingly parallel applications and parameter sweep applications.	10	L2	CO3
	c	Write a note on Task Computing Scenario with diagram.	5	L2	CO4

Prepared by:Prof. Raghavendra T.K 13/6

HOD 13/06/22