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	20/07/22

CONTINUOUS INTERNAL EVALUATION - 3

Dept: CSE	Sem / Div:6th A & B	Sub: Cloud Computing & its Application	S Code:18CS643
Date:22/07/22	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 Amazon Dynamo Architecture and Big Data Architecture.	10	L2	CO4
b	With a neat diagram explain MapReduce service architecture for Scheduling and Execution.	10	L2	CO4
c	Explain Aneka MapReduce Data File Format.	5	L2	CO4
	OR			
2 a	What is data intensive computing. Explain its historical perspective.	10	L2	CO4
b	With a neat diagram explain Aneka MapReduce Programming model.	10	L2	CO4
c	Explain Lustre, GFS, Sector ,S3 and GPFS.	5	L2	CO4
	PART B			
3 a	Explain the architecture of Google AppEngine with diagram.	10	L2	CO5
b	Illustrate the architecture of SQL Azure.	10	L2	CO5
c	Explain Amazon Simple Storage Service(S3) of AWS	5	L2	CO5

		OR			
4	a	Describe how cloud-computing technology can be applied to support remote ECG monitoring.	10	L2	CO5
	b	Describe an application of cloud computing technology in the field of biology.	10	L2	CO5
	c	What are cloud desktops? Explain EyeOS architecture with figure.	5	L2	CO5

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HOD