SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year I Semester Regular & Supplementary Examinations February-2024
CLOUD COMPUTING
CSE(Artificial Intelligence & DataScience)

Time: 3 Hours **Max. Marks: 60**

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

1	a	Differentiate between parallel and distributed computing paradigms.	CO1	L4	6M
	b	What is SOA? Describe with its architecture.	CO1	L2	6M

OR

2	a	Discuss in detail about clusters of cooperative computers with neat diagram.	CO1	L2	6M
	b	Explain layered architecture of grid.	CO1	L2	6M

UNIT-II

3	a	Define service model. Determine the service models in cloud computing.	CO2	L3	6M
	b	Describe in detail about PaaS.	CO2	L2	6M

OR

4	a	Express pros in cloud computing.	CO2	L2	6M
	b	Why SLA is important in cloud computing. Express your opinion.	CO2	L4	6M

UNIT-III

5	a	Compare and explain full virtualization and para virtualization.	CO3	L4	6M
	b	Summarize the memory virtualization concept.	CO3	L2	6M

OR

6	a	Explain the resource management in virtual clusters.	CO3	L2	6M
	b	What do you understand by migrating applications to cloud.	CO4	L1	6M

UNIT-IV

7	a	Interpret the various authorization methods.	CO5	L3	6M
	b	List and explain the activities supported by IAM.	CO5	L1	6M

OR

8	a	Explain about provider data and its security.	CO5	L2	6M
	b	Illustrate in detail about the availability management on different cloud services.	CO5	L3	6M

UNIT-V

9	a	Give the factors that promote the adoption of MCC.	CO6	L2	6M
	b	Discuss the context management architecture based on IRNA with neat diagram.	CO6	L2	6M

OR

10	a	List out the applications of mobile cloud computing.	CO6	L1	6M
	b	Identify few of the open issues still need to be addressed in MCC.	CO6	L1	6M

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