Reg. No: ☐☐☐☐☐☐☐☐☐☐

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech IV Year II Semester Advanced Supplementary Examinations September-2021
CLOUD COMPUTING
(Computer Science and Engineering)

Time: 3 hours   Max. Marks: 60

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

UNIT-I

1	Classify the following computing environments. i)Centralized computing ii) Distributed computing iii) Parallel computing iv) Cloud computing	L4	12M

OR

2	a	Explain fault-tolerant cluster configurations?	L5	6M
	b	Briefly explain clusters for massive parallelism?	L2	6M

UNIT-II

3	What are the layers and types of cloud computing? Explain in detail.	L5	12M

OR

4	a	What are the best approaches to migrating into cloud?	L1	6M
	b	Explain about business-to-business integration(B2Bi) services.	L4	6M

UNIT-III

5	a	What is IaaS? Mention any two IaaS service providers.	L1	4M
	b	Explain about distributed management of virtual infrastructures?	L4	8M

OR

6	a	Define Aneka and explain about Aneka platform.	L4	6M
	b	What is the resource provisioning of Aneka Cloud? Explain.	L2	6M

UNIT-IV

7	Explain the architecture of federated cloud computing environment in detail.	L4	12M

OR

8	a	What are the types of SLA? Explain.	L2	6M
	b	Discuss life cycle of SLA.	L5	6M

UNIT-V

9	Elaborate the architecture of mobile cloud computing.	L6	12M

OR

10	a	List out applications of mobile cloud computing? Explain them.	L2	8M
	b	What is data portability and data interoperability?	L1	4M

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