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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)**B.Tech IV Year II Semester Regular Examinations September 2020****CLOUD COMPUTING**

(Computer Science & Engineering)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a Discuss about Technologies for network based systems. 8M
b Explain SOA with its applications. 4M

OR

- 2 a Illustrate the degrees of parallelism. 6M
b Write about IoT and Cyber-physical systems. 6M

UNIT-II

- 3 a Describe the seven step model of migration into a cloud. 6M
b Discuss the hardware virtualization of cloud computing. 6M

OR

- 4 a What are the layers and types of cloud computing? Explain. 8M
b Distinguish between grid computing and cloud computing. 4M

UNIT-III

- 5 a Specify and explain are levels of virtualization implementation. 8M
b Discuss about binary translation with full virtualization. 4M

OR

- 6 a Explain briefly about various cloud services and their major providers. 8M
b What is meant by a public cloud platform? Give an example. 4M

UNIT-IV

- 7 a What are the types of SLA? Explain. 6M
b Explain the life cycle of SLA. 6M

OR

- 8 a Discuss briefly about cloud best practices. 6M
b Write a note on Grep The Web. 6M

UNIT-V

- 9 a Differentiate between Agent-client architecture and Collaborative Architecture. 8M
b Write about Pros and Cons of mobile cloud computing. 4M

OR

- 10 a How can mobile devices benefit from cloud computing? 6M
b State and explain the issues of mobile computing. 6M

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