

Code No: R4105A

R10

Set No. 1

IV B.TechI Semester Supplementary Examinations, February/March - 2018

CLOUD COMPUTING

(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 75

**Answer any FIVE Questions
All Questions carry equal marks**

- 1 a) Explain in detail software-as-a-service. What are different advantages and disadvantages of SAAS? [8]
b) Write short note on grid computing. [7]
- 2 a) What are the collaboration schedules in communicating across the community? [8]
b) What is cloud computing? Explain evolution of cloud computing in detail. [7]
- 3 a) Describe Service levels for cloud applications. [8]
b) What business outcomes might be expected from moving to the cloud? [7]
- 4 a) Explain in detail security management in cloud. [8]
b) What is a machine image? What are the steps involved in establishing a machine image? [7]
- 5 Write about the following cloud service models:
a) Process-as-a-Service
b) Storage-as-a-Service [15]
- 6 Write short notes on
a) Platform-as-a-Service
b) Integration-as-a-Service
c) Security-as-a-Service [15]
- 7 a) Write short notes on Disaster recovery and planning. [8]
b) Explain the virtualization support and disaster recovery? [7]
- 8 a) What is hypervisor? Explain the Xen architecture. [8]
b) What are the limitations of public cloud? How private cloud overcome those? [7]