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**First Semester M.Tech. Degree Examination, February 2013**  
**Cloud Computing**

Time: 3 hrs.

Max. Marks: 100

**Note: Answer any FIVE full questions.**

- 1 a. Explain cloud computing barrier. (10 Marks)  
b. What are the initiatives considered for cloud dynamics based on infrastructure? (08 Marks)  
c. What are powerful advantages of cloud computing? (02 Marks)
- 2 a. What are the other characteristics set apart from cloud computer techniques briefly explain them. (07 Marks)  
b. How the services are measured and what are the benefits that help developers and testers to concentrate on their core work? (10 Marks)  
c. What are the benefits of public cloud? (03 Marks)
- 3 a. What are the commonly offered categories in cloud? Explain them in detail. (10 Marks)  
b. Explain the cloud service definition. (10 Marks)
- 4 a. Write a note on cloud ecosystem. (08 Marks)  
b. What are the essential cloud orchestrator and engine key characteristics? (12 Marks)
- 5 a. Write a note on information security. (12 Marks)  
b. Discuss the storage cloud in detail. (08 Marks)
- 6 a. What are the different factors that help to develop the asset management strategies. (08 Marks)  
b. Write notes on :  
i) Regilency and its capabilities      ii) Cloud Governance (12 Marks)
- 7 a. Explain in detail cloud server virtualization. (10 Marks)  
b. Write notes on :  
i) SAN      ii) NAS (10 Marks)
- 8 a. Define SOA. Explain the service oriented computing. (10 Marks)  
b. Discuss SOA and IAAS with respect to IT infrastructure. (10 Marks)