

**Code: CSCS2T5B**

**I M.Tech - II Semester - Regular Examinations - August 2014**

**CLOUD COMPUTING  
(COMPUTER SCIENCE & ENGINEERING)**

**Duration: 3 hours**

**Marks: 5x14=70**

**Answer any FIVE questions. All questions carry equal marks**

1. a) Define Cloud computing? What are various Deployment models? 7 M  
  
b) What are the steps that are involved in migrating an application into a cloud environment? 7 M
2. a) Explain the challenges of SaaS paradigm. 7 M  
  
b) Explain various Deployment models for Enterprise Cloud Computing. 7 M
3. a) Explain with neat sketch layered virtualization technology architecture. 7 M  
  
b) Explain how image management in Open Nebula is considered? 7 M

4. a) Explain about: 7 M  
    i.) Amazon Elastic Computing Cloud (EC2)  
    ii.) Windows Azure
- b) Explain about the importance of quality and security in clouds. 7 M
5. a) Explain with neat sketch Aneka framework Architecture. 7 M
- b) How Resource provisioning in Aneka? Explain. 7 M
6. a) How scientific applications and services are classified in the Cloud? 7 M
- b) Explain about the Map Reduce Execution overview with a neat sketch. 7 M
7. a) Explain various administrating policies in the cloud. 7 M
- b) Explain about storage location and tenancy. 7 M
8. a) Explain about Cloud backup types. 7 M
- b) Explain working of mobile devices and web services in relation to cloud. 7 M