CS/IT - 703

B.E. VII Semester

Examination, June 2015

Cloud Computing

Time : Three Hours

Maximum Marks : 70

Note: Attempt any one question from each unit.
All questions carry equal marks.

Unit - I

1. a) Define cloud computing. Enlist and explain essential characteristics of cloud computing. 7

   b) How does cloud computing help to reduce the times to market applications and to cut down capital expenses? 7

OR

2. a) Write a brief notes on cloud adoption and cloud rudiments. 7

   b) Write a brief notes on cloud computing challenges. 7

Unit - II

3. a) What is "VENDOR LOCK - IN" concept? Explain it using cloud interoperability and standards. Also discuss Open Virtualization Format (OVF)? 7

   b) Write a brief notes on cloud ecosystem along with the examples. 7

OR

4. a) What is cloud Interoperability ? Discuss the need of Interoperability. 7

   b) How testing under cloud can be performed? Explain it by taking service based models of cloud computing under consideration. 7

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Unit - III

5. a) Enlist and explain some of the common pitfalls that come with virtualization. 7

   b) Write the difference between VLAN and VSAN. 7

OR

6. a) Write the difference between Block and File level storage virtualization. 7

   b) Explain virtualization hypervisor management software. 7

Unit - IV

7. a) List and explain various cloud computing security challenges. 7

   b) Explain the cloud information security fundamentals introduced in cloud security management. 7

OR

8. a) Discuss cloud computing security architecture. 7

   b) Write a brief notes on cloud security design principles. 7

Unit - V

9. a) What are the three different levels expressing the concept of inter cloud / cloud Federation? 7

   b) Explain the main components that implement a MOCC - based system. 7

OR

10. a) What is third - party cloud services? Give some example of a third - party cloud service. 7

    b) Write a brief notes on Hadoop and Aneka. 7