

1129
B.E. (Information Technology)
Seventh Semester
ITE-744: Cloud Computing

Time allowed: 3 Hours

Max. Marks: 50

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting two questions from each Unit.
x-x-x

- I. Attempt the following:-
 - a) Define Cloud Service Models in short.
 - b) What are workload patterns in cloud computing?
 - c) What is the use of Virtual Private Cloud?
 - d) What is Multitenancy?
 - e) What are the advantages of using IaaS and SaaS? (5x2)

UNIT - I

- II. a) What is Cloud Computing? Give the basic cloud characteristics. (2x5)
- b) What are the advantages and disadvantages of cloud computing? (10)
- III. Give all the Steps for a successful CloudStack implementation. (10)
- IV. a) Give the selecting criteria for cloud deployment modes. Define the role of API.
- b) Define Virtualization techniques. What is the role of these techniques in cloud computing? (2x5)

UNIT - II

- V. a) Describe the Abuse and Nefarious use of Cloud Computing. (2x5)
- b) Briefly describe the Server Security in Cloud Computing.
- VI. a) What are the "benefits of Multi-Cloud Management Systems. (2x5)
- b) What are the challenges in managing heterogeneous clouds.
- VII. Write down the short note on Deployment Models in cloud computing. (10)