Roll No ....

IT-702(B)-CBGS
B.Tech., VII Semester
Examination, December 2020
Choice Based Grading System (CBGS)

Cloud Computing
Time : Three Hours

Maximum Marks : 70

Note: i)   Attempt any five questions.

     ii) All questions carry equal marks.

1. a) Explain the key steps in implementing cloud computing based applications.

 b) Discuss the cloud computing security architecture in brief.

2. a) What are cloud security challenges? How is security provided to data at various stages in context of cloud.

 b) Explain the characteristics and types of virtualization in cloud computing.

3. a) How cloud computing provides scalability and fault tolerance?

 b) Explain various challenges of storage virtualization.

4. a) Discuss the various cloud storage providers.

 b) Compare Public, Private and Hybrid Clouds.

5. a) Describe VMware infrastructure in detail.

 b) Explain SAAS, PAAS and IAAS in detail with example.

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6. a) Discuss QOS issues in cloud.
   b) Write short notes:
      i) Logical Partitioning
      ii) Cloud Stock

7. a) What is third party cloud services? Give the Pros and Cons of third party cloud services.
   b) Explain various cloud performance monitoring commands.

8. Write short notes :
   i) Eucalyptus
   ii) Sky computing
   iii) OLAP

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