Roll No ....

IT-7001 (CBGS)
B.E. VII Semester
Examination, November 2019
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)   Briefly explain the overview of Software as a Service (SaaS) and advantage of SaaS?   7

   b)   Elaborate Cloud computing benefits and limitations.   7

2. a)   Compare: Public, Private and Hybrid clouds.   7

   b)   Explain the cloud components in detail.   7

3. Explain the following: 14
   i)   Cloud Analytics
   ii)   Cloud Ecosystem
   iii)   Cloud Interoperability

4. a)   Write a note about CPU virtualization.   7

   b)   What is server virtualization? Explain parallel processing.   7

5. a)   Explain the security architecture design framework.   7

   b)   Are cloud secured? List and discuss the security and privacy implications of cloud computing.   7

6. a)   Discuss the various cloud storage providers.   7

   b)   Explain the layered cloud architecture development with diagram.   7

7. a)   Discuss about Amazon AWS with cloud software environments.   7

   b)   Explain the Microsoft Azure programming support.   7

8. a)   What is virtualization? What are benefits and mechanisms used for virtualization?   7

   b)   What is Hadoop distributed file system? Describe its architecture and features.   7