Total No. of Questions : 8]　　　[Total No. of Printed Pages : 2

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

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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

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