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Roll No

IT-7001 (CBGS)

B.E. VII Semester

Examination, November 2018

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 NIST cloud computing reference architecture. 7
b) What is Cloud? Explain its features, services and deployment models. 7
2. a) Discuss the various available Cloud Services or applications for individuals. 7
b) What are the architectural design challenges? Explain. 7
3. Write short notes on: 14
a) Web APIs
b) Web Applications
c) Web Browsers
4. a) Briefly explain the different types of virtualization. 7
b) Describe VMware infrastructure in detail. 7

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5. a) What types of cloud OS are used in virtualized data centers? Explain. 7
b) Explain the cloud security challenges. 7
6. Explain the following: 14
a) Security governance
b) Security monitoring
c) Risk management
7. a) Discuss about Cloud Services Aimed at the Mid-Market. 7
b) What is Google App Engine? Explain Google App Engine programming environment. 7
8. a) What are the services provided by Aneka? Describe its architecture and components. 7
b) Compare the characteristics of PaaS and SaaS. 7

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