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## **IT-7001-CBGS**

### **B.E. VII Semester**

Examination, June 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) Give the NIST definition of Cloud Computing. State the vision of Cloud Computing.  
b) List and explain the characteristics of cloud computing.
2. a) Write a brief notes on cloud adoption and cloud rudiments.  
b) Discuss various types of Cloud Computing deployment models.
3. a) What do you understand by Cloud interoperability? Discuss any two Cloud Computing interoperability use cases?  
b) Explain the functioning of Cloud Ecosystem in detail.
4. a) Explain the working of map reduce model with a suitable example.  
b) What is Virtualization? Give the benefits of virtualization.

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5.
  - a) What is Virtual SAN? How does it allow end users and organizations to provision a logical storage area network?
  - b) List and explain various Cloud Computing security challenges.
6.
  - a) Illustrate the functioning of Cloud Computing Security architecture.
  - b) Define cloud federation. Why it is important for the business point of view?
7.
  - a) What is third Party Cloud Services? Give the pros and cons of third party cloud services.
  - b) Why Google App Engine is considered as a Platform-as-a-service product? Justify your answer.
8. Write short notes on any two of the following:
  - a) Cloud CRM
  - b) Cloud Analytics
  - c) Hypervisors

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