

Roll No

CS/IT - 703

B.E. VII Semester

Examination, December 2016

Cloud Computing

Time : Three Hours

Maximum Marks : 70

- Note:* i) Answer five questions. In each question part A, B, C is compulsory and D part has internal choice.
 ii) All parts of each question are to be attempted at one place.
 iii) All questions carry equal marks, out of which part A and B (Max.50 words) carry 2 marks, part C (Max.100 words) carry 3 marks, part D (Max.400 words) carry 7 marks.
 iv) Except numericals, Derivation, Design and Drawing etc.

Unit - I

1. a) What is trusted Cloud Computing?
- b) Discuss the characteristics of Cloud Computing.
- c) How satellite image processing uses Cloud Computing?
- d) Explain the Cloud Computing reference model.

OR

Discuss the environment and service requirements of Cloud Computing.

Unit - II

2. a) What is Cloud Eco System?
- b) What is virtual desktop infrastructure?
- c) How testing under Cloud can be performed?
- d) What is Interoperability? Discuss the need of interoperability.

OR

Explain the types of Cloud and its standards.

Unit - III

3. a) What is Virtualization?
- b) What is VSAN?
- c) How does an unauthorised access can be detected by the help of virtualization techniques?
- d) Explain the characteristics and types of virtualization in Cloud Computing.

OR

Explain the concept of map reduce in Cloud Management.

Unit - IV

4. a) What is multitenancy issue in Cloud Computing?
- b) Discuss the problems associated with Cloud Computing.
- c) What is loss of control in Cloud images? Explain.
- d) Explain the requirements of Secure Cloud Software.

OR

Explain Cloud Computing security architecture.

Unit - V

5. a) What is Azure queues?
- b) How virtualization employed in Azure?
- c) Discuss the Cloud features of Aneka.
- d) Describe the architecture of Cloud federation stack.

OR

Explain the major cloud features of Google applications engine.
