Bachelor of Science (Information Technology) (I.T.) Semester–VI Examination
CLOUD COMPUTING
Paper–3

Time : Three Hours]   [Maximum Marks : 50

N.B. :— (1) All questions are compulsory and carry equal marks.

(2) Draw neat and labelled diagram wherever necessary.

EITHER

1. (a) Discuss server virtualisation in detail.   5

(b) Explain monitoring as a service with suitable example.   5

OR

(c) Discuss platform as a service with example.   5

(d) What is Cloud Computing ? Discuss evolution of cloud computing.   5

EITHER

2. (a) Discuss federation in Cloud in detail.   5

(b) What are common standards in Cloud ? Explain in detail.   5

OR

(c) Explain Identity-as-a-Service (IaaS).   5

(d) Discuss Secure Software Development Life Cycle (SecSDLC).   5

EITHER

3. (a) Explain Standards Bodies and Working Groups.   5

(b) Discuss Data Center Challenges and Solutions.   5

OR

(c) What is Service Oriented Architecture (SOA) ? Give its features.   5

(d) Discuss Server Virtualisation and CPU Virtualisation.   5

EITHER

4. (a) Discuss Software Utility Application Architecture.   5

(b) Explain cost versus value with respect to software utility.   5

OR

(c) Elaborate software application services framework in detail.   5

(d) Discuss Implementation of Database system for multitenant architecture.   5

5. (a) Explain communication as a service.   2½

(b) Explain Security Governance.   2½

(c) Explain Blade Servers.   2½

(d) Define the term Reality in Cloud Computing.   2½