

**Bachelor of Science (Information Technology) (I.T.) Semester–VI (CBS) Examination**

**CLOUD COMPUTING**

**Paper—3**

Time : Three Hours]

[Maximum Marks : 50

**Note :—** (1) All questions are compulsory and carry equal marks.

(2) Draw neat and labelled diagram wherever necessary.

**EITHER**

1. (A) Discuss internet hardware evaluation in cloud computing. 5
- (B) Explain server virtualization in detail. 5

**OR**

- (C) What is infrastructure-as-a-service ? Explain in detail. 5
- (D) Discuss data center based SOA in detail. 5

**EITHER**

2. (A) Discuss how encrypted federation differs from trusted federation. 5
- (B) Explain privacy and its relation to cloud-based information system. 5

**OR**

- (C) Explain secure software development life cycle. 5
- (D) Discuss various standards for messaging. 5

**EITHER**

3. (A) Discuss service oriented architecture of utility computing. 5
- (B) Explain business process execution language. 5

**OR**

- (C) Explain DCML and CIM model in detail. 5
- (D) Discuss policy based automation in detail. 5

**EITHER**

4. (A) Discuss stage are attributes of software utility application. 5
- (B) Discuss services of software application service framework. 5

**OR**

- (C) Explain service level agreement in detail. 5
- (D) Discuss concurrent use billing model. 5

5. Attempt **All** :

- (A) What is load balancing ? 2½
- (B) Explain any one end-user access to the cloud computing. 2½
- (C) What is blade server ? 2½
- (D) What is offer catalog ? 2½