

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 well labelled diagrams wherever necessary.

EITHER

1. (A) Discuss common benefits of cloud computing. 5
- (B) Describe communication as a service in detail. 5

OR

- (C) Explain in brief software as a service. 5
- (D) Describe server virtualization. 5

EITHER

2. (A) What do you mean by federation ? Explain various levels of federation. 5
- (B) How will you protect data privacy in cloud ? Explain in brief. 5

OR

- (C) Discuss various challenges in cloud security and explain security issues in SaaS. 5
- (D) Describe any two end-users access to cloud computing. 5

EITHER

3. (A) Describe service oriented architecture of utility computing. 5
- (B) Explain SPML and DCML in detail. 5

OR

- (C) Explain utility computing virtualization in brief. 5
- (D) Describe utility infrastructure classification in detail. 5

EITHER

4. (A) Describe two stage attributes in software utility applications. 5
(B) Discuss software application services framework. 5

OR

- (C) Describe characteristics of SaaS. 5
(D) Explain common enablers in detail. 5
5. Attempt all :
(A) Write down services provided by MaaS. 2½
(B) Define trusted federation. 2½
(C) What is World Wide Web consortium ? 2½
(D) What are offer catalog ? 2½