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 diagrams wherever necessary.

EITHER

1. (A) Explain communication as a service in detail.   5

    (B) Describe the concept of server virtualization.   5

    OR

    (C) What is cloud computing ? Explain the benefits of cloud computing.   5

    (D) Explain the concept of collaboration in detail.   5

    EITHER

2. (A) List and explain the different levels of federation.   5

    (B) Explain in detail the guidelines available for protecting data privacy.   5

    OR

    (C) Explain common standards in cloud.   5

    (D) Discuss various challenges in cloud security and explain security issues in SaaS.   5

    EITHER

3. (A) Explain the utility computing technology.   5

    (B) Explain DCML and SPML in detail.   5

    OR

    (C) Explain Policy Based Automation in detail.   5

    (D) What are the various data center challenges and solutions ? Explain.   5

    EITHER

4. (A) Explain the various characteristics of SaaS.   5

    (B) Explain the software utility applications.   5

    OR

    (C) Explain common enablers in detail.   5

    (D) Explain the two stage attributes in software utility applications.   5

5. (A) What are the key characteristics of PaaS ?   2½

    (B) Explain End User Access to Cloud Computing.   2½

    (C) Write a note on World Wide Web consortium.   2½

    (D) Explain the concept of cost versus value in brief.   2½