BT-8/J-22   **48159**

CLOUD COMPUTING

Paper–CSE-420N/PE-CS-A402A/PE-IT-A404A

Time Allowed : 3 Hours]   [Maximum Marks : 75

Note : Attempt any **five** questions in all, selecting at least **one** question from each Unit. All questions carry equal marks.

UNIT–I

1. (a) Discuss on "evolution of cloud computing".   7

    (b) Differentiate utility and distributed computing with examples.   8

2. (a) Discuss various characteristics of cloud computing. Write various pros and cons of cloud computing.   7

    (b) Differentiate grid and cluster computing with examples.   8

UNIT–II

3. (a) Explain the architecture of cloud computing.   8

    (b) Discuss various types of protocol used in cloud computing.   7

4. (a) Differentiate private and hybrid cloud with suitable examples.   8

    (b) Discuss various services offered by cloud computing.   7

UNIT–III

5. List different components involved in SLA. Discuss in detail the role of SLA in cloud computing.   15

6. Discuss case study of Amazon EC2.   15

UNIT–IV

7. (a) Discuss the process of providing authentication in cloud computing.   7

    (b) Differentiate host level and application level security.   8

8. (a) Explain cloud contracting model.   8

    (b) Discuss various jurisdictional issues raised in data location.   7