BT-8/D-22   **48245**

CLOUD COMPUTING
Paper--PE--CS--A-402 A

Time : Three Hours]   [Maximum Marks : 75

Note : Attempt any *five* questions. Select *one* question from each unit. All questions carry equal marks.

UNIT-I

1. (a) Describe Evolution of cloud computing.   (8)

    (b) Write the benefits of cloud computing.   (7)

2. (a) Write a short note on cloud service providers.   (8)

    (b) Differentiate between cloud computing and cluster computing.   (7)

UNIT-II

3. Write short notes on the following :

    (a) Cloud computing stack.

    (b) How cloud computing works.   (15)

4. Describe Infrastructure as a service, Platform as a Service and Software as a service.   (15)

UNIT-III

5. Describe Service level Agreements (SLAs) in cloud computing. (15)

6. Discuss the following terms :
   (a) Database & Data stores in Cloud.
   (b) Economics of Scaling in context to cloud computing.
   (15)

UNIT-IV

7. Explain Data privacy and security issues in cloud computing. (15)

8. Describe Division and Replication of data in Cloud for Optimal Performance and Security. (15)