

Roll No. ....

Total Pages : 2

BT-8/M-23

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## CLOUD COMPUTING

Paper : PE-CS-A402A / PE-IT-A404A / CSE-420N / IT-418N

Time Allowed : 3 Hours]

[Maximum Marks : 75

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

### UNIT-I

1. (a) Discuss various characteristics of Cloud computing. Write various pros and cons of Cloud computing. 7
- (b) Differentiate utility and distributed computing with examples. 8
2. (a) Discuss on "History of Cloud computing". 7
- (b) Differentiate grid and Cloud computing with examples. 8

### UNIT-II

3. (a) Discuss various types of Protocols used in Cloud computing. 7
- (b) Differentiate Data Security and Network Security. 8

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4. (a) Differentiate Community and Hybrid cloud with suitable examples. 8
- (b) Discuss various Services offered by Cloud computing. 7

### UNIT-III

5. (a) List different components involved in SLA. Discuss in detail the role of SLA in Cloud computing. 8
- (b) Discuss Case study on Eucalyptus. 7
6. (a) Differentiate CRM and ERP with examples. 7
- (b) How the data is stored in Cloud computing ? Discuss various techniques used to manage database in Cloud. 8

### UNIT-IV

7. (a) Discuss Cloud contracting model in detail. 7
- (b) Differentiate Network Level and Application Level Security. 8
8. (a) Explain IAM model in detail. 8
- (b) Discuss various jurisdictional issues raised in Data location. 7