

Roll No. ....

Total Pages : 2

**BT-8/D-19**

**38159**

**CLOUD COMPUTING**

**Paper-CSE-420N**

**Time : Three 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) Differentiate Cluster computing and grid computing. 7
- (b) Explain NIST model in detail. 8
2. (a) Classify various types of clouds. 8
- (b) Discuss the role of open standards. 7

**UNIT-II**

3. (a) Explain the working of XaaS model in detail. 7
- (b) Discuss different Categories of SaaS. 8
4. (a) Discuss the role of networks in cloud computing. 7
- (b) Differentiate private, hybrid and community clouds. 8

**UNIT-III**

5. (a) What is Service-Level Agreement (SLA)? Explain about the security controls classified in cloud computing. 8
- (b) Discuss various steps involved in large scale data processing. 7
6. Write short notes on:
- (a) Windows Azure platform.
- (b) Eucalyptus. 15

**UNIT-IV**

7. (a) Explain network level security and application level security in detail. 7
- (b) Discuss, in detail, the cloud security reference model and explain how cloud security is integrated into the design of application. 8
8. (a) Discuss, how the data is secured and stored in cloud ? 8
- (b) Discuss various jurisdictional issues raised by data location. 7
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