$16-12-2019$

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