LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – **COMPUTER SCIENCE**

FIFTH SEMESTER – NOVEMBER 2015

CS 5407 - CLOUD COMPUTING

Date : 14/11/2015   Dept. No.   Max. : 100 Marks
Time : 09:00-12:00

PART – A

Answer all Questions   **10 x 2 = 20**

1. Define cloud computing.

2. What are the architectural standards of cloud computing industry?

3. What are the goals of Simple cloud API?

4. What are the characteristics of Saas?

5. What is an identity?

6. State the use of OpenID.

7. What are the types of cloud storage?

8. State 3-2-1 backup rule.

9. What are the properties necessary for reliable transmission.

10. Differentiate instance and machine image.

PART – B

Answer all Questions: **5 x 8 = 40**

11.a. Explain the models of cloud computing.

(OR)

   b. Write short notes on the benefits of cloud computing.

12.a. Illustrate the different ways of connecting to cloud.

(OR)

   b. Write short notes on PaaS.   .

13.a. Explain the types of virtualization.

(OR)

   b . Explain the criteria to evaluate IDaas applications.

14.a. Discuss CDMI.

(OR)

   b. Write short notes on the proxy/broker service.

15.a. Explain the windows AZURE services.

.   **(OR)**

   b. Write short notes on APP Fabric.

PART – C

16.a. Explain in detail the cloud reference model.

b. Explain in detail virtual appliances.

17.a. Discuss Vmvare Vsphere.

b. Illustrate back up types.

18.a. Explain the components of AWS.

b. Write short notes on:

       i. Google Analytics.

       ii. Google Translator.

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