



**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**

**M.C.A. DEGREE EXAMINATION – COMPUTER APPLICATIONS**

FIFTH SEMESTER – NOVEMBER 2015

**CA 5808 - CLOUD COMPUTING**

Date : 07/11/2015  
Time : 09:00-12:00

Dept. No.

Max. : 100 Marks

**PART – A**

**Answer all Questions:**

**10 x 2 = 20**

1. Define cloud computing.
2. What are the responsibilities of certificate authority?
3. Cloud computing: What it is and What it isn't?
4. List the EC2 instances.
5. What are the challenges of Saas?
6. Define Boomi software
7. Mention the factors to deploy cloud computing.
8. What are the benefits of community cloud?
9. What are the key domains of knowledge and competencies.
10. State PDCA cycle.

**PART – B**

**Answer all Questions:**

**5 x 8 = 40**

11.a. Explain the factors for categorizing clusters.

**(OR)**

b. Write short notes on grid infrastructure security.

12.a. Explain the following: i. buckets ii. objects and metadata

**(OR)**

b. Illustrate the Google app engine platform architecture.

13.a. Write short notes on data integration engineering life cycle.

**(OR)**

b. Explain the image management of Open Nebula.

14.a. Elucidate the characteristics of cloud deployment models.

**(OR)**

b. Write short notes on Private cloud hardware and software stack.

15.a. Discuss CROPS.

**(OR)**

b. Write short notes on quality of services.

**PART – C**

**Answer any TWO Questions:**

**2 X 20 = 40**

16.a. Explain the types of resources of grid.

b. Explain the cloud services of Microsoft Azure.

17.a. Explain the sensor cloud integration architecture.

b. Discuss on Hybrid cloud deployment model.

18.a. Illustrate the key assessment of readiness.

b. Explain grid architecture models.

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