



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

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

**FIFTH SEMESTER – NOVEMBER 2017**

**CA 5808 - CLOUD COMPUTING**

Date: 06-11-2017  
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

**PART – A**

**Answer all Questions**

**10 x 2 = 20**

1. What are the characteristics of cloud computing?
2. Differentiate Grid computing and Distributed computing.
3. Cloud computing: What it is and What it isn't?
4. What are the categories of EC2 instances.
5. What are the characteristics of PaaS?
6. Define Elasticity rules.
7. What are the characteristics of cloud deployment models.
8. List the most popular software used to deploy private cloud.
9. What are the types of readiness?
10. State the use of information card.

**PART – B**

**Answer all Questions:**

**5 x 8 = 40**

11.a. Explain the factors for cluster classification.

(OR)

b. Write short notes on Grid topologies.

12.a. Explain the roles managed by Azure OS.

(OR)

b. Write short notes on the components of Eucalyptus

13.a. Write short notes on:

i. AWS data process procedure.

ii. AZURE data access procedure.

(OR)

b. Illustrate the life cycle of data integration.

14.a. Elucidate the types of cloud deployment model.

(OR)

b. Compare the characteristics of public Vs private cloud.

15.a. Write short notes on the following

i. Lewis change management model.

ii. PDCA cycle.

(OR)

b. Explain the producer consumer relationship.

### **PART – C**

**Answer any TWO Questions:**

**2 X 20 = 40**

16.a. Explain the types of virtualization technology.

b. Discuss on Amazon storage Services .

17.a. Explain the approaches to bridge the missing link.

b. Discuss on the integration styles and tools for hybrid cloud deployment model.

18.a. Explain the cloud service life cycle.

(12 marks)

b. Explain the grid security requirements.

(8 marks)

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