LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

FIFTH SEMESTER – **NOVEMBER 2018**

CA 5808– CLOUD COMPUTING

Date: 31-10-2018   Dept. No.   Max. : 100 Marks
Time: 01:00-04:00

PART – A

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

1. What is cloud computing?
2. Differentiate between grid and distributed computing.
3. What are the key properties of cloud computing in google's perspective?
4. What is Bucket? Mention its features.
5. What are the characteristics of PaaS?
6. Define web OS.
7. Mention the characteristics of cloud deployment model.
8. What are the benefits of community cloud?
9. What are the types of readiness?
10. What is information card? State its use.

PART – B

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

11.a. Write short notes on classification of clusters.

(OR)

b. Explain various Grid topologies.

12.a. Explain the components of Eucalyptus.

(OR)

b. What is map reduce? Mention its components. Explain the steps in map reduce.

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

(OR)

b . Explain the following

       i. AWS data process procedure

       ii. Azure data access procedure.

14.a. Elucidate the characteristics of public Vs private cloud.

(OR)

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

15.a. Explain the CROPS framework in detail.

. **(OR)**

b. Write short notes on producer consumer relationship.

PART – C

Answer any TWO Questions: **2 X 20 = 40**

16.a.Explain in detail the types of virtualization.

b. Discuss on the Microsoft Azure compute and storage services.

17.a. Explain in detail about the pervasive data cloud.

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

18.a. Explain in detail the cloud service life cycle.

b. Discuss on the grid architecture models.

****