



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

**M.Sc. DEGREE EXAMINATION - COMPUTER SCIENCE**

**THIRD SEMESTER – NOVEMBER 2013**

**CS 3819 - CLOUD COMPUTING**

Date : 05/11/2013  
Time : 9:00 - 12:00

Dept. No.

Max. : 100 Marks

**Part A**

**Answer all the questions**

**10x2=20 Marks**

1. Notify the influencing factors to use cloud.
2. What is LAMP?
3. Write down the significances of Google Gadgets.
4. Differentiate Authentication and Authorization.
5. List any two features of intuit.
6. Point out the limitations of SaaS.
7. Why troubleshooting is so difficult in the cloud?
8. When to say no to virtualization? Why?
9. Specify any two capabilities of vMotion.
10. What is wave approach?

**Part B**

**Answer all the questions.**

**5x8=40 Marks**

- 11 a. Write an overview on Amazon's Cloud products (Or)  
b. Describe how the way of doing business changed after cloud computing and its merits.
- 12 a. Explain how Google Bigtable efficiently organizes the cloud storage (Or)  
b. Discuss the functions, merits and demerits of REST and SOAP.
- 13 a. Sketch out Google's offerings for the mobile device integration (Or)  
b. Explain Microsoft's software plus services and its strategy to promote it.
- 14 a. Discuss about the layers in Azure and their characteristics and significances (Or)  
b. Illustrate the steps involved in developing and testing cloud apps in Google App Engine.
- 15 a. Classify the popular cloud services available for individuals and explain (Or)  
b. Discuss the general considerations for migration.

**Part C**

**Answer any two questions**

**2x20=40 Marks**

- 16 a. Discuss in detail about the benefits of cloud computing. [ 10 Marks ]  
b. Describe how to use JSON and XML in developing web services with an example. [ 10 Marks ]
- 17 a. Discuss any four popular SaaS products for the industries. [ 10 Marks ]  
b. Write down the steps to create cloud apps and test the same in Windows Azure. [ 10 Marks ]
- 18 a. Describe the basic steps to migrate into Force.com [ 10 Marks ]  
b. Discuss how virtualization is beneficial to the enterprises and their general characteristics. [ 10 Marks ]

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