LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

THIRD SEMESTER – APRIL 2014

CS 3819 - CLOUD COMPUTING

Date : 03/04/2014
Time : 01:00-04:00

Dept. No.

Max. : 100 Marks

Part A

Answer all the questions.   **10 x 2 = 20 Marks**

1. What is EC2?
2. List the limitations of the Cloud.
3. What are the types of clients available for the Cloud?
4. Mention any four typical web applications.
5. What are the driving forces for SaaS?
6. Name the components of collaboration application.
7. What is Bunge Connect?
8. State the benefits of application management.
9. List any two features offered by Sky tap solution.
10. What is wave approach?

Part B

Answer all the questions.   **5 x 8 = 40 Marks**

11. a) Discuss the security issues for a cloud (Or)

    b) Describe various components of Azure Services platform.

12. a) Explain how JSON represents data with an example (Or)

    b) Describe various methods to enhance communications in HTTP.

13. a) Discuss various offerings by Intuite (Or)

    b) Describe the offerings required for healthcare and banking industries.

14. a) Draw and explain the layers of Azure and its significance (Or)

    b) Propose a method to do trouble shooting and explain

15. a) Write down the steps to migrate mid-market clouds (Or)

   b) Discuss various features for an enterprise to migrate physical servers to the virtual servers.

Part C

16. a) Describe various services models for cloud. (10 Marks)

   b) Explain how Google maintains BigTable data store. (10 Marks)

17. a) Discuss how Microsoft promotes software plus services. (10 Marks)

   b) Describe in detail about virtualization. (10 Marks)

18. a) Discuss various clouds available for the individuals. (10 Marks)

   b) Explain the factors that influence the cloud development in an organization.(10 Marks)

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