



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

THIRD SEMESTER – APRIL 2016

CS 3819 - CLOUD COMPUTING

Date: 25-04-2016
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

SECTION-A

ANSWER ALL THE QUESTIONS:

(10 X 2 = 20)

1. State the purpose of EC2.
2. What is Para virtualization?
3. What is WSDL?
4. Enumerate the differences between thin and thick clients.
5. What are the limitations of SaaS?
6. What is mobile device integration?
7. Differentiate Server Virtualization and Presentation Virtualization.
8. List any two features of Vmware.
9. State any two features of Picnik and Twitterfone.
10. Mention any one product and its features under Enterprise sized cloud offerings.

SECTION-B

ANSWER ALL THE QUESTIONS:

(5 X 8 =40)

11. a) Explain about the different types of services in cloud computing.
(OR)
b) Discuss on the advantages of cloud computing.
12. a) Explain about hardware and infrastructure in cloud computing.
(OR)
b) Discuss in brief about Cloud Storage.
13. a) Discuss about the driving forces in software as a service.
(OR)
b) Discuss about any two industries in software as a service.
14. a) Discuss about Local cloud and Thin clients.
(OR)
b) Explain about the salient features of Microsoft Azure.
15. a) Discuss about the cloud services of Mid-sized groups.
(OR)
b) Explain the wave approach in migrating to the cloud.

SECTION-C

ANSWER ANY TWO QUESTIONS:

(2 X 20 = 40)

16. (a) Elaborate about the components of a cloud with a neat diagram. **(10)**
(b) Discuss about Web APIs with focus on SOAP and UDDI. **(10)**
17. (a) Discuss about Software plus services. **(10)**
(b) State and justify the reasons about, when and how an organization must be virtualized. **(10)**
18. (a) Discuss on migrating to the cloud. **(10)**
(b) Discuss about the companies in the cloud and its products. **(10)**
