



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

THIRD SEMESTER – NOVEMBER 2017

16PCS3ES02 – CLOUD COMPUTING

Date: 10-11-2017

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

Part –A (10x2 = 20)

Answer all the questions:

1. What is Cloud migration?
2. What are the major features of Cloud?
3. What is IT as a Service?
4. What are the challenges of SaaS paradigm?
5. What is Infrastructure as a Service?
6. List out any five top vendors who are providing IaaS cloud computing platform.
7. What are the major challenges of private Cloud Deployment Model?
8. Write the difference between the hybrid and the community Cloud Deployment Model.
9. Define the term: Privacy and Data protection
10. What is meant by Data Portability?

Part – B (5x8 = 40)

Answer all the questions:

11. a) Write short notes on the benefits of cloud-based computing.
[or]
b) Discuss about the Characteristics of Cloud Computing.
12. a) How to choose a data integration approach for cloud based applications?
[or]
b) Illustrate the different methods to integrate Cloud Apps.
13. a) Enumerate the Infrastructure as a Service in cloud computing layer.
[or]
b) Explain about the Platform as a Service in cloud computing layer.
14. a) How to choose the right Cloud Deployment Model for a business?
[or]
b) Explain in brief about the benefits of Virtual Private Deployment Model.
15. a) Illustrate the legal disputes in cloud computing.
[or]
b) Explain in brief about the Organizational Change Management for Cloud Computing.

Part – C (2x20 = 40)

Answer any two questions:

16. a) Explain the procedure of cloud migration model in detail.
b) Explain in detail about cloud service model in Cloud Computing.

17. a) What are the different types of Virtualization? How does virtualization work in cloud computing?
b) Explain in detail about Key Features of a Virtual Infrastructure Manager.

18. a) Explain in detail about any three Cloud Deployment Models.
b) Elaborate the Data and application Related Security in Cloud Computing.
