

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

THIRD SEMESTER – NOVEMBER 2019

18PCS3ES02 – CLOUD COMPUTING

Date: 06-11-2019

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

Part –A

(10x2 = 20)

Answer all the questions:

1. What is Cloud Computing?
2. Define the term : Cloud migration
3. What is mean by IT as a Service?
4. Define the term: Integration-as-a-Service
5. What are advantages of IaaS cloud computing layer?
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 private Cloud Deployment Model.
9. Define the term:Data Security
10. What are the Benefits of Virtual Private Cloud?

Part – B

(5x8 = 40)

Answer all the questions:

11. a) Explain Cloud Computing Architecture with a neat diagram.
[or]
b) Discuss about the Characteristics of Cloud Computing.
12. a) How to choose a data integration approach for cloud based applications? Explain.
[or]
b) Illustrate the different cloud integration methods of 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 the business?
[or]
b) Explain in brief about the benefits of community Deployment Model.
15. a) Discuss about the legal concern in cloud computing.
[or]
b) Explain in brief about the Organizational Readiness and Change Management for Cloud Computing.

Part – C

(2x20 = 40)

Answer any two questions:

16. a) Explain the procedure for 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 the Key Features of a Virtual Infrastructure Manager.
18. a) Compare and Contrast the various types of Cloud Deployment Models.
b) Elaborate the Network and Cloud Service Provider Related Security in Cloud Computing.
