

2019

CLOUD COMPUTING

Paper : IT 822

Full Marks : 100

Time : 3 hours



The figures in the margin indicate full marks for the questions.

1. a) What is cloud bursting? How is it useful in application migration to cloud? 10
b) What is load balancing? Discuss different load balancing techniques for cloud computing. 10
2. What is cloud? What is cloud Computing? What are the different types of service models? 2+3+15
3. a) What is blob? What are the different types of blobs in Azure storage? Discuss each in brief. 10
b) What are the different types of deployment models? 10
4. What are the different issues and challenges in cloud computing? Discuss each in brief. 20
5. a) What do you understand by the terms virtual machine, hypercall, host operating system, hypervisor, and emulator? 10
b) Discuss different issues when the application is migrated to the cloud. 10
6. What are the different types of virtualization? Explain in details. 20
7. a) What are the different components of Azure? Discuss each in brief. 10
b) What are the basic components of Service Oriented Architecture. 10