

#### Unit 1

1. Explain some characteristics of cloud computing.
2. Explain cloud services requirements.
3. Differentiate between cloud computing and distributed computing.

#### Unit 2

4. Explain the types of cloud reference models. (IaaS, PaaS, SaaS)
5. Explain the types of cloud deployment models. (Public, Private, Hybrid, Community cloud)
6. What is SOA? Explain principles of SOA.

#### Unit 3

7. What is virtualization? Explain its advantages and disadvantages.
8. Explain different types of virtualizations? Explain with advantages and disadvantages.
9. Explain types of server virtualization. (Hypervisor, Para virtualization, Full virtualization)

#### Unit 4

10. What is parallel computing? Explain its importance.
11. What is Map Reduce? Explain the major stages to execute the map-reduce program.
12. Explain the features of Google App Engine in cloud computing.

#### Unit 5

13. Explain the major challenges of cloud computing.
14. What is cloud security monitoring? How can you monitor cloud security? Explain.

#### Unit 6

15. Explain the Google App Engine, Azure cloud platform and Aneka.
16. How cloud computing is useful in CRM and ERP?