

PART A

I. Answer all questions in one word or one sentence.

(9x1=9 Marks)

1. List any two benefits of virtualization.
2. A hypervisor, also known as a
3. List any two types of Virtualizations
4. List any two virtualisation software tools.
5. List any two advantages of VM clones
6. List any two components of Network Virtualization
7. List any two methods of technology to copying existing virtual machines
8. Write two limitations of Application Virtualization
9. List two popular cloud service providers in cloud computing
10. List any two characteristics of cloud computing
11. List any two limitations of cloud computing.
12. List two main part of the cloud computing
13. Give an example of a public cloud.
14. EC2 is an example of -----
15. List any two core elements of data center in cloud computing
16. List any two cloud Service models
17. Define data replication.
18. List any two features of on-demand computing

PART B

II. Answer any Eight questions from the following

(8x3=24 Marks)

1. Write short note on server virtualization.
2. Describe about the virtualization.
3. Explain the purpose of snapshots in virtualization?
4. Write about any three software tools used in application virtualization.
5. Write a short notes on virtual switches, virtual LAN, and VM migration services
6. Write a short note on VM migration Services
7. List the components for desktop virtualization and explain them briefly.
8. Describe the Virtual LAN and its benefits
9. List any three advantages and limitations of application virtualization.
10. Write short notes on RDS.
11. Explain Cloud Data Center Requirements.
12. Write a short note on cloud infrastructure
13. Outline the cloud deployment model.
14. Write short notes on the PaaS with examples
15. Explain about cloud storage.
16. Explain the community cloud
17. Explain about cloud backup
18. Briefly explain the cloud backup
19. Write about the key advantages of using a cloud computing environment for disaster recovery.
20. Write a short note on cloud storage.

PART C

III. Answer all questions from the following

(6 x 7 = 42 Marks)

1. Explain virtualization. What are its benefits?
2. Describe the importance of virtualization
3. Explain the difference between Type 1 and Type 2 hypervisors
4. Which type of hypervisor is directly installed to the hardware? Explain with neat figure.
5. Explain the different types of virtualisations
6. Explain about server virtualization and storage virtualization
7. Write about the role of the hypervisor in virtualization.
8. Explain type 2 hypervisor and its characteristics.
9. Explain the process of creating a virtual machine.
10. Explain VM Clones, Templates and Snapshots
11. Explain Advantages and Limitations of Desktop Virtualization
12. Explain the Network Virtualization.
13. List and explain any three benefits and limitations of cloud computing.
14. Explain the four vendors of cloud computing.
15. Define cloud computing and identify its core features.
16. List and explain the detailed requirements of the data center.
17. Explain cloud computing architecture with a neat diagram
18. List and explain any four vendors in cloud computing
19. Write about three cloud deployment models with examples
20. Explain the cloud computing architecture
21. Write short notes on the cloud service models with examples
22. Summarise on-demand computing and its benefits
23. Describe on-demand computing
24. Describe Characteristics of Cloud Computing