

Descriptive Questions Bank

1. What are the characteristics of cloud computing?
2. List cloud deployment models and describe Public cloud
3. What is Virtual Machine? Explain Virtual Machine types.
4. Explain Public, Private, Community and Hybrid Cloud.
5. Explain SAAS with an example?
6. Explain Virtualization and Hypervisor?
7. Explain Pros and Cons of Cloud Computing
8. Define cloud computing and state its desirable features.
9. Explain IAAS, PAAS, and SAAS with an example?
10. What is a Hypervisor? How Type-1 and Type-2 Hypervisor works?
11. What is Virtualization? What is the role of virtualization in cloud computing? Which form of virtualization is used in cloud for effective resource utilization?
12. What are service elasticity and service orchestration in cloud computing? What are the issues of Software as a Service (SaaS)?
13. Which are the deployment models of cloud? How do private cloud works? CHARUSAT University wants to manage and Analyze Engineering student's record on a cloud. Which Deployment is suitable for this scenario? Why?
14. Which are the service models of cloud? Which service model is suitable for storing the large amount of data and performing heavy computation tasks of a Scientific research lab? Justify your answer.
15. Explain in detail about Workload Distribution Architecture with diagram?
16. Explain in detail about Resource Pooling Architecture with diagram?
17. Explain in detail about Dynamic Scalability Architecture with diagram?
18. Explain in detail about Elastic Resource Capacity Architecture with diagram?
19. Which are the deployment models of cloud? How do private cloud works? CHARUSAT University wants to manage and Analyze Engineering student's record on a cloud. Which Deployment is suitable for this scenario? Why?
20. Explain in brief about Cluster middleware and Single System Image?
21. Explain in detail about Workload Distribution Architecture with diagram?
22. Explain in detail about Dynamic Scalability Architecture with diagram
23. Which are the service models of cloud? Which service model is suitable for storing the large amount of data and performing heavy computation tasks of a Scientific research lab? Justify your answer.
24. Explain Layered Grid Architecture & Service Modeling.
25. Explain in detail about Resource Pooling Architecture with diagram?
26. Explain in detail about Elastic Resource Capacity Architecture with diagram?
27. Explain Taxonomy of Virtualization in brief.
28. Explain in brief about Cluster middleware and Single System Image?
29. Explain Layered Grid Architecture & Service Modeling.
30. Explain different Grid data access models.
31. Describe in detail about Load balanced virtual server instance architecture.
32. Draw and explain dynamic load balancing architecture in detail?

33. What are the roles of Cloud Bursting Architecture? Explain in detail.
34. Explain in detail about Data center Technology used as Cloud enabled Technology?
35. Explain lifecycle of web application deployment in the Cloud using Amazon Web Services (AWS) with auto scaling and high availability.