

## **Question Bank for Mid-Sem Examination**

1. Define cloud computing.
2. What are the main advantages of SaaS?
3. What is Azure Virtual Machine?
4. What can you do with Azure App Services?
5. What is Azure Active Directory (AAD)?
6. Explain the concept of a hybrid cloud and its advantages.
7. What is Azure Storage and how is it used in cloud computing?
8. What is identity and access management (IAM) in Azure?
9. What are the key advantages of using public cloud services?
10. How does Azure Kubernetes Service (AKS) facilitate container orchestration?
11. Explain the role of Azure SQL Database in cloud-based applications.
12. What is cloud computing? State any two real time applications of cloud computing.
13. What is Azure Resource Group?
14. What is Azure Storage? Explain in short Azure Blob Storage.
15. State any three differences between Public Cloud and Private Cloud.
16. What is Authentication and Authorization?
17. Explain different Azure Authentication methods.
18. Explain Shared Responsibility Model in Azure.
19. Compare IaaS, PaaS and SaaS.
20. Explain Redundancy Options in Azure Storage with neat diagrams.
21. Explain Cloud Computing Architecture with a neat diagram.
22. What are the advantages of choosing cloud computing?
23. Provide an example scenario where a hybrid cloud would be advantageous.
24. Explain the role of Azure Resource Manager (ARM) in managing Azure resources.
25. Describe the primary advantages of using Azure SQL Database over traditional databases.
26. How does Azure App Services support continuous delivery for applications?
27. Explain the significance of Azure Active Directory in cloud security
28. Compare and contrast Azure Blob Storage and Azure File Storage.
29. Explain the concept of "vendor lock-in" and its implications in cloud services.
30. Compare and contrast Azure Security Center and Azure Sentinel in terms of their roles in security.
31. Provide a detailed overview of the components involved in a typical IaaS architecture.
32. Discuss the challenges and considerations in implementing Azure Active Directory for identity and access management.
33. Explore the integration possibilities of Azure Logic Apps with other Azure services.
34. Explain Scalability and types of Scalabilities?
35. Explain architecture of cloud computing?
36. Explain On-premises cloud challenges?
37. Describe in High Availability?
38. What is the difference between Azure Blob Storage and Azure File Storage?
39. Discuss the advantages and disadvantages of cloud computing model?
40. Explain LRS, ZRS?
41. Explain GRS and G-ZRS?
42. Compulsory Any One
43. Explain Azure resources Group, Resource Manager and Resources?
44. Explain Difference between Azure SQL Server and Azure Cosmos DB?
45. What is the difference between IaaS, PaaS, and SaaS?
46. What is the main advantage of SaaS?

47. What is Azure Blob Storage used for?
48. What is Azure Functions primarily used for?
49. What type of database service is Azure SQL Database?
50. Explain the difference between Azure Blob Storage and Azure Files.
51. What is Azure Functions and how does it relate to serverless computing?
52. What are the key differences between Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS) in the context of Azure cloud computing?
53. What are the key features and benefits of Azure App Services, and how does it simplify the deployment and management of web applications?
54. Explain Platform-as-a-Service (PaaS) and its benefits?
55. What is Software-as-a-Service (SaaS) and how does it work?