

## AZ-900: 50 MCQ Questions with Answers

1. Which of the following is a characteristic of cloud computing?

- A. Fixed capacity
- B. Elasticity
- C. Manual scaling
- D. Local-only access

Answer: B

2. Which cloud model gives the highest level of control?

- A. IaaS
- B. PaaS
- C. SaaS
- D. FaaS

Answer: A

3. Azure Virtual Machines fall under which cloud service model?

- A. SaaS
- B. PaaS
- C. IaaS
- D. DaaS

Answer: C

4. CapEx refers to:

- A. Pay-as-you-go
- B. Operational expenditure
- C. Upfront investment in infrastructure
- D. Reserved instances

Answer: C

5. Which of the following is a benefit of using the cloud?

- A. Longer provisioning time
- B. High upfront cost
- C. Scalability
- D. No SLA guarantee

Answer: C

6. In Public Cloud, resources are:

- A. Owned by the user
- B. Shared among multiple tenants
- C. Dedicated to one customer only
- D. On-premises

Answer: B

7. Which cloud model provides email like Outlook.com?

- A. IaaS
- B. SaaS
- C. PaaS
- D. Hybrid

Answer: B

8. A hybrid cloud is:

- A. Only private resources
- B. Only public resources
- C. A mix of on-premises and cloud
- D. Dedicated hosting

Answer: C

9. Cloud elasticity means:

- A. Fixed resources
- B. Ability to quickly scale up/down
- C. Infrastructure on-premises only
- D. Preventing workload changes

Answer: B

10. High availability ensures:

- A. No downtime ever
- B. Application always reachable
- C. Infinite scaling
- D. Cheaper billing

Answer: B

11. Azure Resource Manager (ARM) is used for:

- A. Managing only VMs
- B. Template-based deployments
- C. Only security
- D. Only billing

Answer: B

12. Which service is used to store unstructured data?

- A. Azure SQL
- B. Azure VM
- C. Blob Storage
- D. Disk Storage

Answer: C

13. Azure Functions is an example of:

- A. IaaS
- B. SaaS
- C. Serverless / PaaS
- D. DaaS

Answer: C

14. Which service is a NoSQL database?

- A. Azure SQL
- B. Cosmos DB
- C. Azure MySQL
- D. Azure Databricks

Answer: B

15. Azure Firewall operates at:

- A. Layer 3 only
- B. Layer 3–7
- C. Layer 2
- D. Layer 1

Answer: B

16. Azure Virtual Network (VNet) is used to:

- A. Host websites

- B. Isolate resources
- C. Store logs
- D. Deploy containers

Answer: B

17. Which service is used for container orchestration?

- A. Azure DevOps
- B. Azure VM
- C. Azure Kubernetes Service (AKS)
- D. Azure Blob Storage

Answer: C

18. Availability Sets protect against:

- A. Zone failures
- B. Rack and hardware failures
- C. Region failures
- D. Data corruption

Answer: B

19. Availability Zones protect against:

- A. Rack failures
- B. Datacenter-level failures
- C. VM corruption
- D. Billing spikes

Answer: B

20. Azure Monitor is used for:

- A. Load balancing
- B. Metrics and logs monitoring
- C. Deploying containers
- D. Creating VMs

Answer: B

21. Which service distributes incoming network traffic globally?

- A. Traffic Manager
- B. App Service
- C. Cosmos DB

D. Azure Monitor

Answer: A

22. Which service is for hosting web applications?

- A. Azure Firewall
- B. Azure App Service
- C. Azure AD
- D. Azure Logic Apps

Answer: B

23. Azure Site Recovery is used for:

- A. Monitoring
- B. Disaster recovery
- C. Reporting
- D. Code deployment

Answer: B

24. Azure Advisor provides:

- A. Cost optimization recommendations
- B. Anti-virus
- C. Billing system
- D. Network isolation

Answer: A

25. Azure Key Vault stores:

- A. VMs
- B. Network logs
- C. Secrets, keys, certificates
- D. Containers

Answer: C

26. Azure AD is primarily used for:

- A. Network monitoring
- B. Identity and access management
- C. VM backup
- D. SQL database

Answer: B

27. MFA stands for:

- A. Multi-Factor Authentication
- B. Multi-File Access
- C. Master File Authentication
- D. Multi-Firewall Access

Answer: A

28. RBAC stands for:

- A. Rough Boundary Access Control
- B. Role-Based Access Control
- C. Remote Backup Access Control
- D. Regular Billing Access Control

Answer: B

29. Which provides enterprise governance?

- A. Azure Policy
- B. Azure Blob
- C. Azure DNS
- D. Azure VM

Answer: A

30. Which service checks compliance rules?

- A. Azure VM
- B. Azure Monitor
- C. Azure Security Center (Defender for Cloud)
- D. ARM

Answer: C

31. Network Security Groups (NSGs) filter traffic at:

- A. VM level only
- B. Subnet or NIC level
- C. Global level
- D. Subscription level

Answer: B

32. What does Zero Trust assume?

- A. Everything is trusted
- B. Internal network is safe
- C. Trust nothing, verify everything
- D. Only admins need MFA

Answer: C

33. DDoS protection protects against:

- A. Malware
- B. SQL Injection
- C. High-volume traffic attacks
- D. VM corruption

Answer: C

34. What does Azure Blueprints do?

- A. Deploys VMs
- B. Defines repeatable governance environments
- C. Stores documents
- D. Runs containers

Answer: B

35. Which Azure AD edition provides Conditional Access?

- A. Free
- B. Basic
- C. Premium P1
- D. Standard

Answer: C

36. Azure pricing is based on:

- A. Fixed monthly charge
- B. Pay-as-you-go
- C. Per subscription only
- D. Free for all users

Answer: B

37. Azure TCO Calculator is used for:

- A. Monitoring

- B. Cost comparison between on-prem and Azure
- C. Alerts
- D. Disaster recovery

Answer: B

38. Which tool estimates monthly cloud bills?

- A. Azure Monitor
- B. Cost Calculator
- C. Azure Advisor
- D. Azure Policy

Answer: B

39. An SLA of 99.9% means:

- A. No downtime
- B. Maximum ~43 min downtime/month
- C. Maximum ~8 hours downtime/month
- D. 100% uptime

Answer: B

40. Support plan needed for technical support (24x7)?

- A. Basic
- B. Developer
- C. Standard
- D. Free Tier

Answer: C

41. Azure Reservations help reduce cost by:

- A. Increasing VM storage
- B. Pre-committing for 1 or 3 years
- C. Assigning more CPU
- D. Global scaling

Answer: B

42. Azure Free Account includes:

- A. Free services for 12 months
- B. Free VM for 5 years
- C. Unlimited credits

D. No free resources

Answer: A

43. Which resource scope is highest?

- A. Resource
- B. Resource Group
- C. Subscription
- D. Management Group

Answer: D

44. Azure tags help in:

- A. Autoscaling
- B. Cost management & organization
- C. Logging
- D. DNS routing

Answer: B

45. Azure support SLA applies only when:

- A. Using free tier
- B. Using paid tier services
- C. Billing > 100 USD
- D. Using student account

Answer: B

46. To track spending across subscriptions you use:

- A. Azure Cost Management
- B. Azure DNS
- C. Azure Security Center
- D. Azure Monitor

Answer: A

47. Which feature allows locking resources to avoid accidental deletion?

- A. Tags
- B. Locks
- C. RBAC
- D. NSG

Answer: B

48. Labs in Azure Sandbox are available under:

- A. Azure AD
- B. Microsoft Learn
- C. Azure Monitor
- D. Azure VM

Answer: B

49. When you stop a VM (deallocated), you pay for:

- A. Compute only
- B. Storage only
- C. Both compute & storage
- D. Nothing

Answer: B

50. The Basic support plan provides:

- A. 24x7 technical support
- B. Billing support only
- C. Architecture guidance
- D. Fast ticket resolution

Answer: B