AZ-104: 50 MCQ Questions with Answers

1. Which tool is recommended to automate VM deployments?
A. Azure Monitor
B. ARM Templates
C. Azure Backup
D. Azure Migrate
Answer: B

2. When a VM is stopped (deallocated), you still pay for:
A. Compute
B. Disk Storage
C. Both compute and storage
D. Nothing
Answer: B

3. Which feature provides automatic scaling of VM instances?
A. Availability Set
B. VMSS
C. Azure Blueprints
D. NSG
Answer: B

4. Availability Set protects against:
A. Region failures
B. Datacenter failures
C. Rack/Hardware failures
D. App failures
Answer: C

5. To securely store VM admin passwords, you use:
A. Azure Monitor
B. Key Vault
C. Log Analytics
D. Azure Policy
Answer: B

6. Which VM disk type offers the highest performance?
A. Standard HDD
B. Standard SSD
C. Premium SSD
D. Ultra Disk
Answer: D

7. Storage account type required for Azure Files AD authentication:
A. General Purpose v1
B. Blob Storage
C. General Purpose v2
D. Archive
Answer: C

8. Lifecycle management is used for:
A. VM scaling
B. Moving blobs to cooler tiers
C. Monitoring VM logs
D. RBAC
Answer: B

9. Which access tier is cheapest for rarely accessed data?
A. Hot
B. Cool
C. Archive
D. Premium
Answer: C

10. Azure File Sync requires:
A. Azure AD Connect
B. On-prem server + agent
C. Azure Firewall
D. Azure Arc
Answer: B

11. You need WORM storage. Which option?
A. Azure Files
B. Premium Blob
C. Immutable Blob Storage
D. Ultra Disk
Answer: C

12. Which option is best for hosting SMB file shares?
A. Blob Storage
B. Azure NetApp Files
C. VM Disks
D. Archive tier
Answer: B

13. What is the smallest scope of NSG application?
A. Subscription
B. VNet
C. Subnet
D. Network Interface (NIC)
Answer: D

14. Azure Load Balancer works at which OSI layer?
A. Layer 2
B. Layer 4
C. Layer 7
D. Layer 3
Answer: B

15. Application Gateway works at which OSI layer?
A. Layer 2
B. Layer 4
C. Layer 7
D. Layer 3
Answer: C

16. To connect two VNets in different regions:
A. VNet Peering

B. VPN Gateway
C. ExpressRoute
D. NSG
Answer: A

17. To connect on-prem to Azure with private dedicated line:
A. VPN Gateway
B. ExpressRoute
C. VNet Peering
D. Private Link
Answer: B

18. Azure Private Endpoint provides:
A. Internet-based access
B. Private IP access to PaaS services
C. Public IP for storage accounts
D. Firewall bypass
Answer: B

19. To allow DNS resolution between two VNets:
A. NSG
B. Route Table
C. VNet Peering with forwarded traffic
D. Private DNS Zones
Answer: D

20. Azure AD DS provides:
A. OAuth authentication
B. Domain join and LDAP
C. MFA
D. Graph API
Answer: B

21. Which Azure AD license includes Conditional Access?
A. Free
B. Basic
C. Premium P1

D. Premium P2
Answer: C

22. RBAC roles are assigned at:
A. Resource only
B. Resource Group only
C. Subscription only
D. Any scope
Answer: D

23. MFA enforces:
A. Only password reset
B. Two-step verification
C. VM encryption
D. Data replication
Answer: B

24. Privileged Identity Management (PIM) is used for:
A. Log monitoring
B. Just-in-time admin access
C. Backup
D. VM scaling
Answer: B

25. NSG rules are evaluated in which order?
A. Deny first
B. Allow first
C. Top → Bottom
D. Random
Answer: C

26. Defender for Cloud provides:
A. Cost recommendations
B. Threat detection & hardening
C. Resource migration
D. Identity sync
Answer: B

27. Azure Sentinel is a:
A. SIEM
B. Backup system
C. Load balancer
D. Monitoring dashboard
Answer: A

28. Just-in-Time VM access helps:
A. Reduce storage cost
B. Reduce attack surface
C. Improve VM performance
D. Increase VM uptime
Answer: B

29. Azure Firewall supports:
A. Outbound filtering only
B. Inbound filtering only
C. L3-L7 filtering
D. L7 only
Answer: C

30. Azure Backup stores data in:
A. Key Vault
B. Recovery Services Vault
C. Storage Queue
D. Archive Vault
Answer: B

31. Azure Backup uses which protocol for VM backup?
A. HTTPS
B. RDP
C. SMB
D. NFS
Answer: A

32. Soft delete protects backups for how long by default?
A. 7 days
B. 14 days
C. 30 days
D. 90 days
Answer: C

33. Azure Site Recovery replicates:
A. On-prem to on-prem only
B. On-prem ↔ Azure / Azure ↔ Azure
C. Only Azure to AWS
D. Only VMs
Answer: B

34. Update Management is part of:
A. Azure Policy
B. Log Analytics
C. Azure Monitor
D. Azure Advisor
Answer: B

35. To query logs across Azure resources, use:
A. Metrics
B. KQL in Log Analytics
C. Alerts
D. Service Health
Answer: B

36. Azure Monitor Metrics are:
A. Real-time
B. Stored for 2 years
C. Queried using KQL
D. Only for VMs
Answer: A

37. Azure Alerts can trigger using:
A. KQL only

B. Metrics or Logs
C. NSG
D. Storage Accounts
Answer: B

38. Service Health dashboard shows:
A. VM logs
B. Azure platform outages
C. Storage blob versions
D. Billing alerts
Answer: B

39. Activity Log provides:
A. Security recommendations
B. Subscription-level operations
C. VM performance
D. App logs
Answer: B

40. Azure Policy helps in:
A. Cost optimization
B. Enforcing compliance
C. DNS management
D. VM creation
Answer: B

41. Azure Blueprints help in:
A. Compliance environments
B. Monitoring logs
C. VM snapshots
D. RBAC resets
Answer: A

42. To organize resources logically, use:
A. Management Groups
B. Subscriptions
C. Resource Groups

D. Tags
Answer: C

43. Tags are stored at:
A. Resource only
B. Resource Group only
C. Subscription only
D. Resource and RG
Answer: D

44. Azure Cost Management helps calculate:
A. SLA
B. Total spending
C. Backup size
D. NSG rules
Answer: B

45. Reservations help reduce cost by:
A. Reducing VM memory
B. Committing VM usage for 1/3 years
C. Limiting subscriptions
D. Reducing network cost
Answer: B

46. AKS requires which identity to provision?
A. MSI or Service Principal
B. Key Vault
C. Application Gateway
D. Log Analytics
Answer: A

47. Azure Automation Runbooks support:
A. PowerShell & Python
B. C++
C. Java
D. SQL
Answer: A

48. To automatically shut down dev VMs daily, use:
A. Azure Policy
B. Automation Account
C. NSG
D. Azure AD
Answer: B

49. Which storage replication option offers highest durability?
A. LRS
B. ZRS
C. GRS
D. RA-GRS
Answer: D

50. To enforce HTTPS on a storage account:
A. NSG rule
B. Firewall
C. Storage Account setting
D. Azure Policy only
Answer: C