Azure questions:

1. What is IASS, SAAS & PASS
2. What is azure?
3. How do you create VM and what are the things we should consider for creating vm?
4. What is availability scale set and availability zone?
5. What is azure Vnet? what are the components will be there in vnet
6. What is load balancer, how to configure? What are health probes?
7. What is application gateway, how to setup?
8. What is traffic manager? How does it work?
9. How to do peer to peer connection? Site to site? point to site connection
10. How to make connection b/w different domain subnets/servers?
11. What is vpn?
12. What is nsg rules and how to implement
13. What are api’s?
14. What are ssl certificates?
15. What is service principle?
16. What is RBAC roles?
17. Explain deeply about storage account and how to connect to storage account? Access keys and SAS tokens?
18. How to provide security to your applications?
19. What is meant blue green deployments?
20. What is blue green deployment?
21. What is webapp and function app
22. Where do you store your keys?
23. What is autoscaling? what are the types? horizontal and vertical scaling

AZURE DEVOPS INTERVIEW QUESTIONS:

1. What is CI CD
2. How do you create pipelines in your organization? Can you explain me the full procedure?
3. What are the common errors you will get while working on the pipelines?
4. For which applications you have created pipelines
5. What is Devops/ Azure Devops
6. What branching strategy you will follow? What are branching policies?
7. What is PR?
8. What are variable groups
9. What are deployment groups?
10. What are task groups?
11. What are the feeds?
12. How to run parallel job?
13. How do you secure your pipelines?
14. How to setup sonar cube?
15. How to do testing, automation testing?
16. What is the difference b/w self-hosted agents and Microsoft hosted agents?
17. What is PAT tokens
18. What is service connections
19. How to merge the code from one branch to other
20. How to enable automatic triggers, where you will enable?
21. What type of templates you will use?
22. What type of environments you will use?
23. How to revert the changes?
24. How to delete the commit history?
25. What are pre deployment conditions? How to setup?
26. Difference b/w yaml and classic editor?
27. How to create pipeline for azure storage? How to add sql files?
28. How to create pipelines for azure app services?
29. How to create pipeline for azure function app?

GIT:

1. What version control system you will use?
2. What is the difference b/w GIT and TFVC source code?
3. Difference b/w git fetch and pull
4. Difference b/w git merge and rebase
5. What git stash, git cherry pick, git squash

Terraform:

35. What is terraform?

36. What is terraform state file?

37. What are the terraform modules?

38. where do you store terraform state file?

39. What is terraform import, plan, apply and refresh?

40 Terraform providers and provisioners

41. what will happen if terraform state file got deleted?

ARM Templates:

42. what are default arm templates fields?

43. why do we use ARM templates?

44. what is the difference b/w arm templates and terraform

45. why do we use depends on function

Docker:

46. What is docker?

47. Docker cli commands like docker build, compose, docker push, pull, ps, rmi

48. what is docker file and compose file

49. Docker file fields, RUN, COPY, ADD , ENTRYPOINT , FROM , WORKDIR EXPOSE etc..

50. Where do you store your images?

AKS:

51. What aks?

52. What is aks architecture?

53. What are the components will be there in aks?

54. What are the services will be there in aks?

55. What is pod?

56. What is the deployment, replicaset, statefulsets?

57. What is the difference b/w deployments and statefulsets?

58. What is the ingress in aks?

59. What is autoscaling?

60. PV , PVC and other storage classes

61. How do you deploy your applications into aks?

62. How do you troubleshoot issues in aks?

63. Kubectl commands

64. How do you login into the pod?

Monitoring tools:

65. What monitoring tools you are using?

65. What do you monitor by using them?

66. How Prometheus get the alerts from agents?

67. How do you setup monitoring tools?

68. How do you create alerts on azure monitor?

69. What are the node exporters