**Descriptive Answers**

**1. What is Provisioning?**

**2. What is Orchestration?**

**3. Give any two diffrence between automation done by scripting and configuration management tools.**

**4. Name any three configuration mangement tool.**

**5. How is ansible diffrent than any other configuration management tool?**

**6. Ansible playbooks are written in what format?**

**7. What is a module in Ansible?**

**8. What is inventory used for in ansible?**

**9. Name three places where ansible variables can be stored?**

**10. What connection anible establishes with linux and windows node.**

**11. Diffrence between Remote and local execution in ansible.**

**12. What is the purpose and location of ansible.cfg file.**

**13. Name any two settings from anible.cfg file.**

**14. Please write below a sample inventory file with host, group & group of groups syntax in it.**

**15. What is the diffrence between group\_vars & host\_vars directory?**

**16.What are adhocs commands used for & write below syntax of a ad hocs command?**

**17. Write below ad hoc command to gather fact varibales on all the hosts from the inventory file?**

**18. What format does ansible ad hoc command returns the output?**

**19. Name three types of modules in ansible?**

**20. Name any 10 modules in ansible that you have used.**

**21. How to list all the ansible core modules from command line.**

**22. How to display all the options/attributes for apt module from command line.**

**23. How can you check mandatory option for any module from command line?**

**24. What is setup module used for?**

**25. Write down sample global play declaration**

**26. Write down any two tasks from playbook with its proper format and names.**

**27. Whats is the diffrence between sudo and become module and its purpose.**

**28. Write down playbook syntax of starting ntp service on webserver and dbservers host group at once.**

**29. How to take user input from a playbook?**

**30. What is debug module used for in playbooks?**

**31. How to store output of any task into a varible from playbook?**

**32. What are handlers used for in ansible and how is it diffrent from tasks?**

**33. Conditional execution in ansible is used for what purpose and write down its syntax with small description?**

**34. What are templates used for and its format?**

**35. What are ansible roles and its purpose?**

**36. Command to generate ansible roles directory structure.**

**37. Name 5 directories from ansible roles.**

**38. What is {{ }} symbol used for in ansible.**

**39. Write down all the places where we can define variables according to its precedence.**

**40. Write down syntax of dictionary variable?**

**TRUE or FALSE**

**41. Setup module gets executed after executing any ad hoc command.**

True

False

**42. Anible playbooks are written in XML format.**

True

False

**43. ansible.cfg file is list of plays.**

True

False

**44. Fact variables is generated by ansible and we do not need to create fact varibales.**

True

False

**45. Anible is written in Python langueage.**

True

False

**46. Ansible works on Master and client relationship, where ansible control server package is installed on master and ansible client package is installed on all the clients.**

True

False

**47. Ansible loop module is with\_items.**

True

False

**48. All the templates in ansible roles has to be defined in main.yml file inside templates directory.**

True

False

**49. All the roles uploaded in ansible galaxy website is written and owned by Ansible inc(organization).**

True

False

**50. Ansible can only get installed on Linux machine but can manage Linux and windows nodes.**

True

False

**51. What is GIT?**

**52. What is a repository in GIT?**

**53. What is github?**

**54. What is the command you can use to write a commit message?**

**55. What is the difference between GIT and SVN?**

**56. What is the function of ‘GIT PUSH’ in GIT?**

**57. What are branches in git?**

**58. How to check the current branch from git repository directory from CLI?**

**59. How to get the latest changes from the github repo to your local git repo?**

**60. What is the function of git clone?**

**61. What is the function of git checkout?**

**62. What is “git add” used for?**

**63. Explain what is commit messages?**

**64. Write down bash script to start ntp service on below mentioned IP addresses. Please note that two instances are ubuntu and three are centos.**

ntp service name for centos is “ntpd” and for ubuntu its “ntp”.

You can have only one host file and one for loop to deal with this scenario.

Hostfile name and its content:

name: devhosts

content:

192.168.1.23

192.168.1.76

192,168.1.65

192.168.1.19

192.168.1.86