**Ansible :**

Note: Each question is 1 mark till 13th, 14th is having 2marks and 15th is having 5 marks passing marks will be 15.

**1.Which of the following terms best describes the Ansible architecture?**

a. Agentless

b. Client/Server

c. Event-driven

d. Stateless

**ans: a> Agentless**

**2. Which network protocol does Ansible use by default to communicate with managed**

**nodes?**

a. HTTP

b. HTTPS

c. SNMP

d. SSH

**ans: d> SSH**

**3. Which of the following files defines the actions that Ansible performs on managed**

**nodes?**

a. Host inventory

b. Manifest

c. Playbook

d. Script

**ans: c> PlayBook**

**4. What syntax is used to define Ansible Playbooks?**

a. Bash

b. Perl

c. Python

d. YAML

**ans: d> YAML**

**5. Which of the following statements best describes roles?**

a. Configuration settings that allow specific users to run Ansible Playbooks.

b. Playbooks for a data center.

c. Collection of YAML task files and supporting items arranged in a specific structure for

easy sharing, portability, and reuse.

**Ans: c> Collection of YAML task files and supporting items arranged in a specific structure for**

**easy sharing, portability, and reuse.**

**6. Which of the following can be specified in roles?**

a. Handlers

b. Tasks

c. Templates

d. Variables

e. All of the above

**ans: e> All of the above**

**7. Which file declares role dependencies?**

a. The Ansible Playbook that uses the role.  
b. The **meta/main.yml** file inside the role hierarchy.  
c. The **meta/main.yml** file in the project directory.  
d. Role dependencies cannot be defined in Ansible.

**Ans: b> The meta/main.yml file inside the role hierarchy.**

**8. Which file in a role's directory hierarchy should contain the initial values of variables**

**that might be used as parameters to the role?**

a. **defaults/main.yml**

b. **meta/main.yml**

c. **vars/main.yml**

d. The host inventory file.

**Ans: a> defaults/main.yml**

**9. In Which Language Ansible engine written?**

a. C  
b. C++  
c. Java  
d. Python

**ans: d> Python**

**10. What language is an Ansible playbooks are written in by default ?**

a. XML  
b. HTML  
c. JSON  
d. YAML

**ans: d> YAML**

**11. The task is a unit action of Ansible.**

a. Yes  
b. No  
c. Can be yes or no  
d. Can not say

**ans: a> Yes**

**12. Which is the correct syntax of ask\_pass module in Ansible?**

1. ansible-ask-pass
2. ansible-passbook --ask-pass
3. ansible-playbook --ask-pass
4. Both A& B

**ans: c> ansible-playbook --ask-pass**

### 13. Which module will you utilize to create a directory?

### a. template b.file c.data d.fetch

### **Ans: b> File**

14. Write a simple definition of Playbook?

Ans:

**Playbooks are the files where Ansible code is written. Playbooks are written in YAML language. They are like a to- do list for ansible that contains a list of tasks. i.e. the steps which the client users wants to execute on a particular machine. Playbooks are run sequentially.**

15. Write a playbook for cloning git repo to your local machine.

**Ans:**

**step1. sudo gedit gitclone.yaml--> creating playbook file with .yaml extention**

**step2. Writeing play book in YAML format.**

**- name: cloning git repo to local**

**hosts: all**

**tasks:**

**- name: cloning git repo to specified directory**

**git:**

**repo: https://github.com/Darshanmarakall1999/ansible.steps.git**

**dest: /home/darshan1/repos**

**clone: yes**

**update: yes**

**step 3: ansible-playbook –syntax-check gitclone.yaml --> syntax checking**

**step 4. ansible-playbook gitclone.yaml**