

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 : Clients don't need to install ansible but should have outbound service or ip address
- b. Client/Server
- c. Event-driven
- d. Stateless

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

- a. HTTP
- b. HTTPS
- c. SNMP
- 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

4. What syntax is used to define Ansible Playbooks?

- a. Bash
- b. Perl
- c. Python
- 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.

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

- a. Handlers
- b. Tasks
- c. Templates
- d. Variables
- 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.

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.

9. In Which Language Ansible engine written?

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

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

- a. XML
- b. HTML
- c. JSON
- 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

12. Which is the correct syntax of ask_pass module in Ansible?

- a. ansible-ask-pass
- b. ansible-passbook --ask-pass
- c. **ansible-playbook --ask-pass**
- d. Both A& B

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

- a. template
- b. **file**
- c. data
- d. Fetch

14. Write a simple definition of Playbook?

--> An Ansible playbook is an organized unit of scripts that defines work for a server configuration managed by the automation tool Ansible. Ansible is a configuration management tool that automates the configuration of multiple servers by the use of Ansible playbooks. Playbooks are expressed in YAML format with a minimum of syntax. It records and execute Ansible's config

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

- name: git cloning

hosts: all

tasks:

- name: Clone a github repository

git:

repo: <https://github.com/Shivakumar-coder/Team3-JavaProject.git>

dest: /home/user2/repos

clone: yes