**Important Questions for Viva**

1. What is the command to create a local repository?
2. How to connect remote repository with local repository?
3. What is Git pull?
4. How to clone a remote repository to the local disk?
5. What is git stash?
6. What is **-m** in “git commit -m...”?
7. What is **-u** in “git push -u…”?
8. How to change user configuration (email or name) in local repository?
9. How to create a git branch?
10. How to change the git branch?
11. What is staging area?
12. How to merge two branches?
13. What is Maven?
14. What is pom.xml?
15. What is artifactId & groupId?
16. 9 Goals of maven BUILD?

* Ans) fetch, clean, validate, compile, test-compile, package, verify, install, deploy.

1. What is a Jar/War file?
2. How to run jar/war file? (2 ways: 1. java -jar and 2. Java -cp)
3. What is Jenkins?
4. What is CI/CD pipeline?
5. What is Source Code Management (SCM)? Ex: Git
6. What is TeamCity?
7. What is configuration management? Its type – Push based & pull based
8. Name some configuration management tools.

* Chef, Puppet, Ansible, Salt stack, etc…

1. What is Chef? (**Pull** based configuration management tool)
2. What is Manifest file?
3. What is Puppet? (**Pull** based configuration management tool)

Ansible is a **Push** based configuration management tool.

1. What is Docker?
2. What is a Docker image?
3. What is Container?
4. How to Pull Docker image?
5. How to check list of Docker images available on the system?