1)What is Git ?

ans:

git is a distributed version control system which is used to handle small project to large project with efficiency and speed.

2) In what form is Git being used in your Company? Give examples of a few types of Git implementations.

ans:

3) What are the different Tools that you integrated Git with in your company ?

Ans:

Git merge tool

Git def tool

4) What are Git hooks ?

ans:

basically git git hooks used to fire off files on certain action

we have 2types of hooks

server hooks

client hooks

5) Give us an example of a Git Hook that you implemented?

6) List all commands a developer uses to push to git starting from clean workspace ?

ans:

git clean

git add .

git commit -m”filename”

git pull origin master

git push origin master

7)Difference between Git push and Git pull

ans:

git push is used to push files from local repository to remote repository

git pull is used to get local files from the remote repository

8) Different between Git Rebase and git pull

ans:

git rebase determine no of commits

git pull is used to get local files from the remote repository

9) What is the command to know what branch you are currently on ?

ans:

git branch

10) Command to know what other git branches exist on the git server ?

ans: git status

11) How do you know which remote branch your local git branch is tracking? Give exact command.

11) what is a git remote ?

ans:

to manage set of operations to the repository we are using git remote.

Example git remote rename,mv,delete

12) How can you temporarily save changes before pulling/merging or switching branches?

ans: git stash

13) difference between git branches and git tags ?

ans: git tag used to mark releasing version

git branch is used diverge from main line

14) what are different types of git tags available ? give exact commands on how to create each type of tag ?

ans: lightweight and annotated

git tag -a v1.4-1w

git tag -a v1.4 -m”filename”

15) what command do you use to merge two branches ? give exact commands. How do you know what files need conflict resolution?

How do you proceed after resolving a conflict?

ans: git merge <branch>

git checkout master

16) How do you know current state of your workspace to that on git server ?

ans:

git stash

17) What command is used to fetch the latest updates by others?

ans:

git pull

18) What command is used to create a git repo for your personal development?

ans: git init

19) Explain the relationship between the working directory,

the index, the repository

ans:

edit,git add,git commit,git push

21) what command do you use to know list of previous commits ?

ans:

git log

22) What is 3a525393f6a5c47fa08d91ef16c16927ed3cd33a? What are the benefits of this?

ans:

this is an example of direct access contain storage

23) command to rename a file in Git?

ans:

git mv file1 file2

24) What git command is used to undo changes made to your local repo? What are the variations and how do they work?

Ans

Git reset

Git reset –hard used to abord merge

25) What is the command to use

1) to delete a local git branch?

2) to delete git branch on remote server

Git rm filename

Git remote rm filename