**1.What is Git and why is it used?**

Git allows and encourages to have multiple local branches that can be entirely independent, the creation, merging, and deletion of those lines of development takes seconds.

**2.Explain the difference between Git pull and Git fetch.**

Git pull copies from remote repository into your working directory

Git fetch copies and make changes into your local repository

**3.How do you revert a commit in Git?**

By using command git commit -amend

**4.Describe the Git staging area.**

Basically it has three areas working area, staging area, repository. In staging area it contains got directory which stores information about what will got into next commit.

**5.What is a merge conflict, and how can it be resolved?**

Merge conflict occurs when changes or edited is made on same line or file, It can be resolved before merging it on github

**6.How does Git branching contribute to collaboration?**

Branching is used add new features or bug and we can invite users for colabaration and also we can create repository in an organization,

**7. What is the purpose of Git rebase?**

To changes older and muyiple commited files and multiple messages

**8. Explain the difference between Git clone and Git fork.**

Git fork creates independent copy of git repository

Git clone create a linked copy that will continue to synchronize with target repository

**9.How do you delete a branch in Git?**

Git branch -r -d name of the branch

**10. What is a Git hook, and how can it be used?**

It is a script which runs automatically every time a particular evet occur in repository