**Q1 What is Git?**

Git is popular version control system system it was developed by Linus Torvalds in 2005 and maintained by Junio Hamano.

**Q2 What do you understand by the term version control system?**

With the help of version control system we can track the changes in code who made changes and we can collaborate with other developers and can work smoothly.

**Q3 WHAT IS GITHUB?**

Github is like a storage location where we can store maintain the source code of the project by creating repositories and can update whenever needed and other developer can also work with that code as per their need.

**Q4 Mention some popular Git hosting services.**

* GITHUB
* BITBUCKET
* GIT LAB
* PERFORCE
* GIT LIB

**Q5 Different types of version control systems?**

* Centralized version control system(CVCS).
* Distributed version control system(DVCS)

**Q6 What are the benefits of using Git?**

Git is used to tracking changes in the source code, enabling multiple developers to work together on non-linear development.

The main advantage is there is no fear of losing source code if any one of the system or main server gets down.

**Q7 What is Git Repository?**

Git Repo contains collection of various files that can be tracked and changed as per the needs and its get saved in directory called git repository .

**Q7 How can you initialize a Git Repository?**

1. Open the Gitbash terminal
2. Use the git init command