**Answer 1** :- Git is a popular version control system(VCS), It was created by

Linus Torvalds in 2005 and has been maintained by Junio Hamano.

**Answer 2** :- VCS (Version Control System)

It is a system that records changes to a file or set of files over time,

so thatwe can recall specific versions later, i.e., for every source

code changes in a file a new version will be created.

**Answer 3** :- GitHub is a website and cloud-based service that helps developers

store and manage their code, as well as track and control changes

to their code. To understand exactly what GitHub is, you need to

know two connected principles:

Version control

Git

**Answer 4** :- Bitbucket , GitLab, Perforce, Beanstalk, Amazon AWS CodeCommit,

Codebase, Microsoft Azure DevOps , SourceForge

**Answer 5** :- There are two types of version control system i.e

* CVCS (Centralized version control system)
* DVCS (Distributive Version control system)

**Answer 6** :- One of the biggest advantages of Git is its branching capabilities.

Unlike centralized version control systems, Git branches are cheap

and easy to merge. This facilitates the feature branch workflow

popular with many Git users. Feature branches provide an isolated

environment for every change to your codebase.

**Answer 7** :- Repositories in GIT contain a collection of files of various different

versions of a Project. These files are imported from the repository

into the local server of the user for further updations and

modifications in the content of the file. A VCS or the Version

Control System is used to create these versions and store them in

a specific place termed a repository.

**Answer 8** :- Initializing a new repository: git init To create a new repo, you'll

use the git init command. git init is a one-time command you use

during the initial setup of a new repo. Executing this command will

create a new .git subdirectory in your current working directory.