

Variant 1

1. How do you initialize a new Git repository?

- a) git start
- b) git new
- c) git init
- d) git create

2. Which command shows the status of your working tree?

- a) git check
- b) git status
- c) git diff
- d) git log

3. How do you add a single file named 'index.html' to the staging area?

- a) git commit index.html
- b) git stage index.html
- c) git push index.html
- d) git add index.html

4. Which command finds files with permissions rw-r--r--?

- a) find . -perm 644
- b) find . -mode 644
- c) grep 644 .
- d) ls -perm 644

5. How can you securely copy a file 'local.txt' to a remote server?

- a) ftp remote: local.txt
- b) scp local.txt user@host:/path/
- c) copy local.txt user@host:/path/
- d) rsync --copy local.txt host:/path/

Variant 2

1. How do you save your staged changes with a message?

- a) git save -m "message"
- b) git commit -m "message"
- c) git push "message"
- d) git add -m "message"

2. Which command is used to view the commit history?

- a) git history
- b) git commits
- c) git log
- d) git reflog

3. How do you create a new branch called 'feature'?

- a) git branch feature
- b) git new-branch feature
- c) git checkout feature
- d) git create feature

4. Which command inserts "DONE" after lines with "TODO" in file.txt?

- a) sed '/TODO/i DONE' file.txt
- b) sed 's/TODO/DONE/' file.txt
- c) sed '/TODO/a DONE' file.txt
- d) sed '/TODO/c DONE' file.txt

5. How do you generate a new 'ed25519' SSH key?

- a) ssh-keygen -t ed25519
- b) ssh-gen --type ed25519
- c) keygen -alg ed25519
- d) ssh -newkey ed25519

Variant 3

1. How do you switch to an existing branch named 'dev'?

- a) git move dev
- b) git go dev
- c) git branch dev
- d) git checkout dev

2. Which command merges the 'feature' branch into your current branch?

- a) git combine feature
- b) git add feature
- c) git merge feature
- d) git include feature

3. How do you delete a local branch named 'old-feature'?

- a) git delete old-feature
- b) git branch -d old-feature
- c) git remove old-feature
- d) git checkout -d old-feature

4. Which command correctly counts the number of lines in 'file.txt'?

- a) count -l file.txt
- b) cat file.txt | count
- c) wc -l file.txt
- d) lines file.txt

5. How do you find files named 'app.log' in the '/logs' directory?

- a) find /logs -name "app.log"
- b) search /logs "app.log"
- c) grep "app.log" /logs
- d) ls /logs/app.log