**Trắc nghiệm:**

Câu 1: What is Git?

A. A version control system.

B. A nickname for GitHub

C. A remote repository platform.

D. A programming language.

Câu 2: What is the command to get the installed version of Git?

A. git --version

B. git help version

C. gitVersion

D. getGitVersion

Câu 3: Which option should you use to set the default user name for every repository on your computer?

A. --global

B. –A

C. –all

D. No need to specify, that is the default.

Câu 4: What is the command to set the user email for the current repository?

A. git config user.email

B. git email.user

C. git config email

Câu 5: What is the command to add all files and changes of the current folder to the staging environment of the Git repository?

A. git add --all

B. git add

C. git add –files

Câu 6: What is the command to get the current status of the Git repository?

A. git status

B. git getStatus

C. git config --status

D. –status

Câu 7: What is the command to initialize Git on the current repository?

A. git init

B. git start

C. initialize git

D. start git

Câu 8: Git automatically adds new files to the repository and starts tracking them.

A. true

B. false

Câu 9: Git commit history is automatically deleted:

A. Commit history is never automatically deleted.

B. Every 2 weeks.

C. Every year.

D. Every month.

Câu 10: What is the command to commit with the message "New email":

A. git commit -m "New email"

B. git commit -log "New email"

C. git commit message "New email"

D. git commit -mess "New email"

Câu 11: What is the command to view the history of commits for the repository?

A. git log

B. git history

C. git --full-log

D. git commits

Câu 12: In Git, a branch is:

A. A separate version of the main repository.

B. A small wooden stick you can use to type commands.

C. Nothing, it is a nonsense word.

D. A secret part of Git config.

Câu 13: What is the command to create a new branch named "new-email"?

A. git branch new-email

B. git newBranch "new-email"

C. git add branch "new-email"

D. git branch new "new-email"

Câu 14: What is the command to move to the branch named "new-email"?

A. git branch -move new-email

B. git branch new-email

C. git checkout branch new-email

D. git checkout new-email

Câu 15: What is the option, when moving to a branch, to create the branch it if it does not exist?

A. -new

B. -all

C. -newbranch

D. -b

Câu 16: What is the command to merge the current branch with the branch "new-email"?

A. git merge new-email

B. git add new-email

C. git commit -merge new-email

Câu 17: What is the command to delete the branch "new-email"

A. git delete new-email

B. git branch -d new-email

C. git gone new-email

D. git delete branch new-email

Câu 18: What is the command to add the remote repository "https://abc.xyz/d/e.git" as "origin"?

A. git remote add origin https://abc.xyz/d/e.git

B. git add origin https://abc.xyz/d/e.git

C. git origin=https://abc.xyz/d/e.git

D. git remote <https://abc.xyz/d/e.git>

Câu 19: What is the command to push the current repository to the remote origin?

A. git push origin

B. git remote commit

C. git remote push

D. git merge remote

Câu 20: What is the command to get all the change history of the remote repository "origin"?

A. git get log origin

B. git status remote origin

C. git origin help

D. git fetch origin

Câu 21: What is the command to show the differences between the current branch and the branch "new-email"?

A. git log new-email

B. git status new-email

C. git changes new-email

D. git diff new-email

Câu 22: Git Pull is a combination of:

A. add and commit

B. fetch and merge

C. branch and checkout

**Tự luận :**

**Bài 1:**

Create a folder called learn\_git\_again.

cd into the learn\_git\_again folder.

Create a file called third.txt.

Initialize an empty git repository.

Add third.txt to the staging area.

Commit with the message "adding third.txt".

Check out your commit with git log.

Create another file called fourth.txt.

Add fourth.txt to the staging area.

Commit with the message "adding fourth.txt"

Remove the third.txt file

Add this change to the staging area

Commit with the message "removing third.txt"

Check out your commits using git log

**Bài 2 :**

Create your own merge conflict! **Work on the same file on two separate branches** and **merge** the two branches together. **Fix the conflicts and finish your merge**.

**Bài 3:**

3.1 Create a local repository from the command line.

Add and commit files.

Push your repository up to GitHub.

3.2 Fork and Clone <https://github.com/rithmschool/learn_forking>.

**Bài 4:**

Reset to the 2nd commit, then modify file fourth.txt, commit it.

What happends to the commit tree?

**Bài 5:**

Undo the changes without removing any commit.