

Variant 1

1. (Unix) Which command finds files named 'config.log' within the current directory?

- a) search config.log
- b) grep config.log .
- c) ls config.log
- d) find . -name "config.log"

2. (SSH) Which command connects to a remote server?

- a) connect user@host
- b) ssh user@host
- c) remote login user@host
- d) telnet user@host

3. (Git) Which command creates a new branch and switches to it in one step?

- a) git new-branch <name>
- b) git checkout -b <name>
- c) git branch <name> && git switch <name>
- d) git commit -b <name>

4. (Docker) Which command lists currently running containers?

- a) docker list
- b) docker ps
- c) docker images
- d) docker running

5. (Testing) In 'unittest', what class must test classes inherit from?

- a) unittest.Test
- b) unittest.Suite
- c) unittest.TestCase
- d) unittest.Assert

Variant 2

1. (Unix) Which command counts the number of lines in a file?

- a) lc
- b) wc -l
- c) count -l
- d) lines

2. (SSH) Which command securely copies a file to a remote server?

- a) scp file user@host:/path
- b) copy file user@host:/path
- c) ssh -c file user@host:/path
- d) ftp file user@host:/path

3. (Git) Which command reverts a file in the working directory to the version from the last commit?

- a) git reset <file>
- b) git revert HEAD <file>
- c) git checkout -- <file>
- d) git clean <file>

4. (Docker) In a Dockerfile, what instruction specifies the base image?

- a) BASE
- b) IMAGE
- c) SOURCE
- d) FROM

5. (Testing) In 'pytest', how are test functions typically named?

- a) FunctionTest()
- b) test_my_function()
- c) my_function.test()
- d) run_test_for_my_function()

Variant 3

1. (Unix) Which command makes a shell script executable?

- a) chown +x script.sh
- b) exec script.sh
- c) chmod +x script.sh
- d) run script.sh

2. (SSH) Which command generates a new SSH key pair?

- a) ssh-newkey
- b) ssh-genkey
- c) ssh-keygen
- d) keygen-ssh

3. (Git) Which command displays each commit on its own single, compact line?

- a) git log --oneline
- b) git log --short
- c) git history -l
- d) git summary

4. (Docker) Which command builds an image from a Dockerfile?

- a) docker make
- b) docker create
- c) docker build
- d) docker compile

5. (Testing) Which 'unittest' methods run before and after each test?

- a) start() / stop()
- b) init() / destroy()
- c) begin() / end()
- d) setUp() / tearDown()