

**Started on** Monday, 10 November 2025, 11:49 AM**State** Finished**Completed on** Monday, 10 November 2025, 11:55 AM**Time taken** 5 mins 47 secs**Marks** 20.00/20.00**Grade** **100.00** out of 100.00**Question 1**

Complete

Mark 1.00 out of 1.00

In Jenkins, what triggers an automated build when new code is pushed to GitHub?

- ☒ a. Webhook
- ☐ b. Polling trigger
- ☐ c. CRON job
- ☐ d. Manual start

**Question 2**

Complete

Mark 1.00 out of 1.00

What command lists all running Docker containers?

- ☐ a. docker view
- ☐ b. docker status
- ☐ c. docker ls
- ☒ d. docker ps

**Question 3**

Complete

Mark 1.00 out of 1.00

What does git pull do?

- ☒ a. Downloads latest changes from remote repository
- ☐ b. Uploads code to GitHub
- ☐ c. Deletes local branches
- ☐ d. Resets repository

**Question 4**

Complete

Mark 1.00 out of 1.00

What does grep do in Linux?

- ☐ a. Finds directory size
- ☐ b. Deletes files
- ☒ c. Filters text based on a pattern
- ☐ d. Changes file ownership

**Question 5**

Complete

Mark 1.00 out of 1.00

What does the command `chmod 755 file.sh` do?

- ☒ a. Owner gets all permissions; others get read and execute only
- ☐ b. Gives all permissions to everyone
- ☐ c. Removes write permission for everyone
- ☐ d. Makes file hidden

**Question 6**

Complete

Mark 1.00 out of 1.00

What does the command `git clone URL` do?

- ☒ a. Downloads a copy of an existing repository
- ☐ b. Creates a new remote repo
- ☐ c. Syncs branches
- ☐ d. Copies files to another server

**Question 7**

Complete

Mark 1.00 out of 1.00

What file defines the steps to build a Docker image?

- ☐ a. Docker-compose.yml
- ☐ b. config.yaml
- ☐ c. Containerfile
- ☒ d. Dockerfile

**Question 8**

Complete

Mark 1.00 out of 1.00

What file is used to ignore files or directories in a Git repository?

- ☐ a. .config
- ☐ b. exclude.ini
- ☒ c. .gitignore
- ☐ d. ignore.txt

**Question 9**

Complete

Mark 1.00 out of 1.00

What is a Jenkins pipeline?

- ☒ a. A set of automated steps for build/test/deploy
- ☐ b. A GitHub webhook
- ☐ c. An SSH tunnel
- ☐ d. A network of Docker containers

**Question 10**

Complete

Mark 1.00 out of 1.00

What is Jenkins primarily used for?

- ☐ a. Container orchestration
- ☐ b. Code documentation
- ☐ c. Running AI models
- ☒ d. Continuous Integration and Deployment (CI/CD)

**Question 11**

Complete

Mark 1.00 out of 1.00

What is the primary purpose of Docker?

- ☒ a. To run applications in isolated environments
- ☐ b. To compile source code
- ☐ c. To create virtual machines
- ☐ d. To monitor CPU usage

**Question 12**

Complete

Mark 1.00 out of 1.00

What Jenkins plugin allows integration with GitHub?

- ☒ a. GitHub Integration Plugin
- ☐ b. SCM Connector
- ☐ c. Git Plugin
- ☐ d. SourceLink

**Question 13**

Complete

Mark 1.00 out of 1.00

Which command builds a Docker image from a Dockerfile?

- ☐ a. docker create
- ☐ b. docker image
- ☐ c. docker make
- ☒ d. docker build

**Question 14**

Complete

Mark 1.00 out of 1.00

Which command initializes a new Git repository?

- ☒ a. git init
- ☐ b. git create
- ☐ c. git new
- ☐ d. git start

**Question 15**

Complete

Mark 1.00 out of 1.00

Which command is used to display the current working directory in Linux?

- ☐ a. echo
- ☒ b. pwd
- ☐ c. cd
- ☐ d. ls

**Question 16**

Complete

Mark 1.00 out of 1.00

Which command lists all running processes in a Linux system?

- ☐ a. ls -proc
- ☐ b. run
- ☐ c. showproc
- ☒ d. top

**Question 17**

Complete

Mark 1.00 out of 1.00

Which file format is typically used for Jenkins pipelines?

- ☐ a. Jenkins.json
- ☐ b. pipeline.yml
- ☐ c. build.xml
- ☒ d. Jenkinsfile

**Question 18**

Complete

Mark 1.00 out of 1.00

Which Git command shows the commit history?

- ☒ a. git log
- ☐ b. git status
- ☐ c. git commit
- ☐ d. git history

**Question 19**

Complete

Mark 1.00 out of 1.00

Which of the following commands runs a container interactively?

- ☐ a. docker push
- ☒ b. docker run -it image\_name
- ☐ c. docker start -a image\_name
- ☐ d. docker execute

**Question 20**

Complete

Mark 1.00 out of 1.00

Which of the following is used to display the last few lines of a file in Linux?

- ☒ a. tail
- ☐ b. print
- ☐ c. show
- ☐ d. less