Started on	Monday, 10 November 2025, 11:48 AM
State	Finished
Completed on	Monday, 10 November 2025, 11:53 AM
Time taken	4 mins 48 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. Manual start
- ● b. Webhook
- ○ c. CRON job
- ○ d. Polling trigger

Question 2

Complete

Mark 1.00 out of 1.00

What command lists all running Docker containers?

- ● a. docker ps
- ○ b. docker status
- ○ c. docker ls
- ○ d. docker view

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

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.   Makes file hidden
- ○ c.   Gives all permissions to everyone
- ○ d.   Removes write permission for everyone

Question 6

Complete

Mark 1.00 out of 1.00

What does the command git clone URL do?

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

Question 7

Complete

Mark 1.00 out of 1.00

What file defines the steps to build a Docker image?

- ○ a.   config.yaml
- ◉ b.   Dockerfile
- ○ c.   Docker-compose.yml
- ○ d.   Containerfile

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

Question 10

Complete

Mark 1.00 out of 1.00

What is Jenkins primarily used for?

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

Question 11

Complete

Mark 1.00 out of 1.00

What is the primary purpose of Docker?

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

Question 12

Complete

Mark 1.00 out of 1.00

What Jenkins plugin allows integration with GitHub?

○ a.   SourceLink

○ b.   SCM Connector

◉ c.   GitHub Integration Plugin

○ d.   Git Plugin

Question 13

Complete

Mark 1.00 out of 1.00

Which command builds a Docker image from a Dockerfile?

○ a.   docker image

○ b.   docker create

○ 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 start

○ d.   git new

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.   cd

◉ c.   pwd

○ d.   ls

Question 16

Complete

Mark 1.00 out of 1.00

Which command lists all running processes in a Linux system?

- ◉ a.   top
- ○ b.   ls -proc
- ○ c.   run
- ○ d.   showproc

Question 17

Complete

Mark 1.00 out of 1.00

Which file format is typically used for Jenkins pipelines?

- ○ a.   pipeline.yml
- ○ b.   build.xml
- ○ c.   Jenkins.json
- ◉ d.   Jenkinsfile

Question 18

Complete

Mark 1.00 out of 1.00

Which Git command shows the commit history?

- ○ a.   git status
- ○ b.   git commit
- ○ c.   git history
- ◉ d.   git log

Question 19

Complete

Mark 1.00 out of 1.00

Which of the following commands runs a container interactively?

- ○ a.   docker start -a image_name
- ○ b.   docker execute
- ○ c.   docker push
- ◉ d.   docker run -it image_name

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. print

◉ b. tail

○ c. show

○ d. less