Started on	Monday, 10 November 2025, 1:11 PM
State	Finished
Completed on	Monday, 10 November 2025, 1:19 PM
Time taken	8 mins 23 secs
Marks	19.00/20.00
Grade	**95.00** out of 100.00

Question 1

Complete

Mark 1.00 out of 1.00

A deadline is approaching, and your build keeps failing tests.

a. Push partial code
b. Roll back to old version
c. Stay silent and debug overnight
d. Communicate issue early and seek help

Question 2

Complete

Mark 1.00 out of 1.00

A system doubles its storage every 12 months. If the initial capacity is 4 TB, what is the capacity after 3 years?

a. 32 TB
b. 64 TB
c. 128 TB
d. 16 TB

Question 3

Complete

Mark 1.00 out of 1.00

Find the next term: 2, 4, 8, 16, 32, ?

a. 60
b. 80
c. 48
d. 64

Question 4

Complete

Mark 1.00 out of 1.00

If 4 engineers replicate a dataset in 8 hours, how many engineers are needed to finish in 4 hours (same efficiency)?

- a. 8
- b. 12
- c. 6
- d. 10

Question 5

Complete

Mark 1.00 out of 1.00

If data replication takes 5 minutes for 10 GB, how long for 50 GB under the same bandwidth?

- a. 20 min
- b. 50 min
- c. 30 min
- d. 25 min

Question 6

Complete

Mark 1.00 out of 1.00

If latency between nodes is halved, throughput will likely:

- a. Decrease
- b. Drop to half
- c. Stay constant
- d. Double

Question 7

Complete

Mark 1.00 out of 1.00

Nasuni's architecture most resembles which design principle?

- a. Monolithic system
- b. Distributed file system
- c. Centralized database model
- d. Single-threaded core service

Question 8

Complete

Mark 1.00 out of 1.00

The team wants to use a new CI/CD tool you've never heard of.

- a. Resist change
- b. Research and prototype it
- c. Wait for others to decide
- d. Reject due to risk

Question 9

Complete

Mark 1.00 out of 1.00

What does CI/CD stand for?

- a. Continuous Integration / Continuous Deployment
- b. Continuous Intelligence / Continuous Debugging
- c. Continuous Iteration / Code Definition
- d. Cloud Integration / Code Delivery

Question 10

Complete

Mark 1.00 out of 1.00

What does Jenkins primarily automate?

- a. UI rendering
- b. File encryption
- c. Database backups
- d. Build, test, and deployment pipelines

Question 11

Complete

Mark 0.00 out of 1.00

What is common between Nasuni and Git?

- a. Blockchain verification
- b. Encryption algorithms
- c. Object versioning and replication
- d. Centralized control

Question 12

Complete

Mark 1.00 out of 1.00

Which cloud concept matches Nasuni's file architecture?

- a. Object storage with metadata intelligence
- b. Local RAID replication
- c. In-memory caching only
- d. Pure block storage

Question 13

Complete

Mark 1.00 out of 1.00

Which Docker command lists all active containers?

- a. docker active
- b. docker ps
- c. docker list
- d. docker show

Question 14

Complete

Mark 1.00 out of 1.00

Which Git command merges feature branches?

- a. git join
- b. git merge
- c. git link
- d. git connect

Question 15

Complete

Mark 1.00 out of 1.00

Which is the odd one out conceptually?

- a. NFS
- b. FTP
- c. SAN
- d. NAS

Question 16

Complete

Mark 1.00 out of 1.00

Which of the following best explains 'eventual consistency'?

- a. Only master copy is updated
- b. Data syncs asynchronously but reaches same state eventually
- c. No replication occurs
- d. Data always synchronized instantly

Question 17

Complete

Mark 1.00 out of 1.00

Which option best represents scalability?

- a. Limiting users per region
- b. Deleting data to save space
- c. Adding more CPU cores to increase performance
- d. Caching data locally

Question 18

Complete

Mark 1.00 out of 1.00

You discover data loss during replication tests.

- a. Delete logs to reduce noise
- b. Hide the issue to fix later
- c. Reboot system and hope it resolves
- d. Raise immediate alert and begin rollback

Question 19

Complete

Mark 1.00 out of 1.00

You find a small bug that rarely affects users. What's your approach?

- a. Delete the module
- b. Report and schedule for next sprint
- c. Log it and ignore
- d. Patch and push fix immediately

Question 20

Complete

Mark 1.00 out of 1.00

You're working on a live deployment and a critical bug appears. Your teammate blames your module. What do you do?

- a. Investigate first and share logs openly
- b. Escalate to manager
- c. Ignore and continue my work
- d. Defend my code immediately