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ISTQB Certified Tester - Quality in DevOps (CT-QDO)



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Question: 1

A canary release begins failing its automated post-deployment health checks. Some team members want to leave the canary live and push a forward fix; others want the pipeline to revert it automatically. Restoring service quickly is the stated priority.

Which pipeline behavior is the BEST default here?

- A. Automatically roll back to the last known-good release when the checks fail.
- B. Disable the automated health checks so that the canary release is no longer blocked by them.
- C. Promote the canary to all users immediately so the problem is easier to observe at scale.
- D. Keep the failing canary live and rely on users to confirm whether the problem is serious.

Answer: A

Question: 2

A recurring "passes in test, fails in production" problem is traced to manual, drifting server configuration that differs between the two environments.

Which tool category best prevents this drift by declaratively defining and enforcing environment configuration?

- A. Artifact / package repository store
- B. Test / defect management tool
- C. Test-automation framework and test runner
- D. Configuration management / provisioning

Answer: D

Question: 3

A team lead claims their DevOps adoption is complete because a dedicated test phase now runs after all development is finished, just before release.

Why does this contradict continuous testing in DevOps?

- A. Continuous testing means all testing is automated, so a test phase is never needed.
- B. Continuous testing runs on every change throughout development, not as one end phase.
- C. Continuous testing requires testing only in production, after the release has shipped.
- D. Continuous testing forbids any manual testing at any point in the pipeline.

Answer: B

Question: 4

A team wants to embrace shift-right as a cultural principle alongside its existing early-testing practices. Which activity BEST reflects shift-right?

- A. Learning from real production behaviour via monitoring and observability.
- B. Adding a longer manual regression phase before the release is approved.
- C. Moving all unit-test activity to the very first day of each iteration.
- D. Requiring a formal sign-off from a senior tester on every single merge request.

Answer: A

Question: 5

Security scans currently run only in a manual review meeting held the day before each release, which repeatedly becomes a bottleneck and pushes defects late. The team wants security to help delivery flow rather than block it.

What is the BEST change consistent with DevSecOps?

- A. Wait until issues surface in production monitoring, then patch them reactively.
- B. Skip the security checks entirely for low-risk changes to keep the pipeline fast.
- C. Integrate the security scans as automated pipeline stages run on every change.
- D. Keep the manual review meeting but schedule it earlier in the day to save some time.

Answer: C

Question: 6

Two teams each claim to "do CD." Team A automatically releases every green build to production. Team B produces a releasable artifact on every green build, but a product owner decides when to release. Which statement correctly characterises them?

- A. Team A is continuous delivery and Team B is continuous deployment, since delivery means fully automated to production.
- B. Team A does continuous deployment and Team B continuous delivery; the difference is whether release is automatic.
- C. Both practise continuous deployment, and the product owner's manual approval is just a formality within it.
- D. Neither is CD, because CD strictly requires trunk-based development, which is not mentioned here.

Answer: B

Question: 7

Under schedule pressure, a developer asks to let a change through even though it failed the pipeline's security static-analysis quality gate, promising to fix it in the next sprint.
What is the BEST response consistent with quality gates in a DevOps pipeline?

- A. Bypass the gate this once, since gates are advisory guidance rather than hard rules.
- B. Let the change through and rely on production monitoring to catch any security issue.
- C. Keep the gate mandatory; the change must meet the criterion to progress.
- D. Remove the security static-analysis check so no change is ever blocked by it.

Answer: C

Question: 8

Two teams report the same average time to restore service after incidents. Team A's incidents are rare but each takes hours to resolve; Team B's are frequent but each is resolved in minutes.
What does this comparison BEST illustrate about using DORA measures?

- A. Team B is objectively higher quality because it resolves each incident more quickly
- B. A single measure must be read with the others and its distribution, not alone
- C. Restore time is a meaningless measure that should be discarded entirely
- D. Both teams are identical in quality since their average restore time matches

Answer: B

Question: 9

After a build produces application binaries and pulls in third-party dependency packages, the team wants a central, versioned store so the exact tested build can be reused downstream.
Which tool category fits this need?

- A. Configuration management / provisioning
- B. Test-automation framework / runner
- C. Artifact / package repository
- D. Version control / SCM

Answer: C

Question: 10

A DevOps team wants to build quality in earlier rather than inspecting it in later. A tester proposes joining refinement and design discussions to shape acceptance criteria and testability before code is written.

Why is this early involvement a core shift-left practice?

- A. Preventing untestable, ambiguous requirements early avoids costly defects downstream.
- B. It lets the team skip automated testing later because requirements are now perfect.
- C. It replaces the definition of done, since well-written criteria make gates unnecessary.
- D. It moves all testing responsibility onto developers so testers no longer run tests.

Answer: A

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