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QUESTION & ANSWERS
DEMO VERSION
(LIMITED CONTENT)

Sample Questions

QUESTION 1

You want Azure DevOps to send a notification to a Microsoft Teams channel every time a build completes. Which Azure DevOps feature should you use?

- A. Branch policies
- B. Personal notifications
- C. Service hooks [Correct]**
- D. Pull request policies

Correct Answer: C

Explanation

Service hooks publish events (such as build completion) to external services like Microsoft Teams or Slack. Branch policies govern repository changes, PR policies manage pull requests, and personal notifications are user-only.

QUESTION 2

Which branching strategy uses long-lived develop and master branches with release branches cut off develop, and is best suited for products with scheduled release cycles?

- A. Trunk-based development
- B. GitHub Flow
- C. Release flow
- D. GitFlow [Correct]**

Correct Answer: D

Explanation

GitFlow uses master, develop, feature, release, and hotfix branches and suits scheduled release cycles. Trunk-based uses a single short-lived branch, GitHub Flow is master plus short feature branches with continuous deployment, and Release Flow is Microsoft's variant with release branches off main.

Sample Questions

QUESTION 3

A team practicing continuous deployment with small, frequently merged changes wants the simplest branching model. Which should they choose?

A. Trunk-based development [Correct]

- B. GitFlow
- C. Release flow
- D. GitLab Flow

Correct Answer: A

Explanation

Trunk-based development uses a single main branch with short-lived feature branches, supporting continuous deployment and small batches. GitFlow and Release Flow add release branches, and GitLab Flow adds environment branches.

QUESTION 4

Which branch policy ensures that pull requests cannot be merged until at least one other developer reviews and approves the changes?

- A. Merge strategy
- B. Required build validation
- C. Require comment resolution
- D. Minimum number of reviewers [Correct]**

Correct Answer: D

Explanation

The Minimum number of reviewers policy requires a specified number of approvals before merge. Build validation runs pipelines, merge strategy controls squashing, and comment resolution forces conversations to be addressed but not approvals.

Sample Questions

QUESTION 5

You want external contributors to be able to propose changes to a private repo without granting them write access. Which mechanism should you use?

- A. Grant everyone Contributor access
- B. Fork the repo and accept pull requests from forks [Correct]**
- C. Allow contributors to clone and email patches
- D. Convert the repo to TFVC

Correct Answer: B

Explanation

Forking lets external contributors work on their own copy and submit pull requests without write access to the source repo. Cloning does not enable PRs without write access, TFVC does not change the access model, and granting everyone Contributor is insecure.

QUESTION 6

Which version control system in Azure Repos is distributed and supports offline commits and lightweight branching?

- A. Git [Correct]**
- B. TFVC
- C. Subversion
- D. CSV

Correct Answer: A

Explanation

Git is a distributed version control system that supports offline commits and cheap branching. TFVC is centralized, Subversion is not offered in Azure Repos, and CSV is a data format, not version control.

Sample Questions

QUESTION 7

You want pipeline definitions stored in version control alongside application code. Which Azure Pipelines approach should you use?

- A. Designer-based task-only pipelines
- B. Classic release pipelines
- C. YAML pipelines [Correct]**
- D. Classic build pipelines

Correct Answer: C

Explanation

YAML pipelines live in the repository as code, enabling version control and code review. Classic build and release pipelines are defined in the web UI and not stored in the repo.

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