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練習問題

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1年間無料アップデート

Exam : DevOps-Foundation

**Title : PeopleCert DevOps
Foundationv3.6 Exam**

Version : DEMO

1.Which of the following MOST accurately describes DevOps?

- A. A team
- B. A methodology
- C. A standard
- D. A cultural and professional movement

Answer: D

Explanation:

DevOps is not simply a team, methodology, or standard. The PeopleCert DevOps Foundation v3.6 materials define DevOps as a “cultural and professional movement” that stresses communication, collaboration, integration, and automation to improve workflow between software developers and IT operations professionals. The cultural transformation is fundamental, emphasizing shared responsibilities, breaking down silos, and fostering continuous improvement.

Reference: DevOps Foundation v3.6 syllabus section 1.1; State of DevOps Report; "The Phoenix Project".

2.Why is it important for IT to understand and support the business' "why"?

- A. IT must understand why the organization exists and its purpose, cause and belief
- B. IT must understand why they should develop or acquire certain software products
- C. IT must understand why the organization will benefit from a DevOps approach
- D. IT must understand specific business processes so that they can support the organization properly

Answer: A

Explanation:

One of the core DevOps values is aligning IT efforts with business objectives—understanding the business “why.” The Foundation syllabus highlights the need for IT to understand the organization's purpose, cause, and belief. Without this, IT can’t effectively support value delivery or drive digital transformation. Understanding the organizational “why” connects daily activities to strategic objectives, a key DevOps mindset.

Reference: DevOps Foundation v3.6 syllabus section 1.2; "Start with Why" by Simon Sinek.

3.Which of the following is NOT a characteristic of DevOps?

- A. Ensuring overall organizational success
- B. Working towards a common goal
- C. Fast flow of unplanned work into production
- D. World-class stability, reliability, availability and security

Answer: C

Explanation:

A fast flow of unplanned work into production is not a characteristic of DevOps. In fact, DevOps practices strive to minimize unplanned work (like emergency changes or outages) through automation, testing, collaboration, and rigorous change control. The other options—ensuring organizational success, working toward a common goal, and world-class stability/reliability—are all key DevOps characteristics.

Reference: DevOps Foundation v3.6 syllabus section 1.4; State of DevOps Report.

4.According to the State of DevOps Reports, LOW performing organizations have:

- A. More frequent code deployments

- B. Faster lead times from commit to deploy
- C. Faster mean times to recovery
- D. Higher change failure rates

Answer: D

Explanation:

The State of DevOps Reports show that LOW performing organizations have higher change failure rates, meaning a larger percentage of changes lead to incidents, outages, or degraded service. In contrast, high performers have more frequent deployments, faster lead times, and quicker recovery from incidents.

Reference: DevOps Foundation v3.6 syllabus section 2.2; Accelerate: The Science of Lean Software and DevOps.

5.A healthcare organization's software developers have been practicing agile development techniques and have been able to make new features available at the end of every two-week sprint cycle. But the set-up of the production processes and infrastructure means that they have to deploy to live every quarter.

Why would DevOps be a solution to their problems?

- A. IT Operations have been left behind
- B. DevOps is focused on software development
- C. It will break the cadence between development and IT operations
- D. DevOps is the same as agile

Answer: A

Explanation:

When developers practice agile but operations is slow to deploy, it means IT Operations have not kept pace—classic “left behind” scenario. DevOps aims to align development and operations, breaking down barriers and enabling faster, safer, and more frequent deployments. DevOps is not only about development (B is incorrect), does not break cadence but instead aligns it (C is incorrect), and is not the same as agile but complements it (D is incorrect).

Reference: DevOps Foundation v3.6 syllabus section 1.5; The Phoenix Project; Accelerate.