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DevOps Essentials Professional Certificate

Question: 16

The word DevOps is a contraction of "Development" and "Operations."

A. TRUE
B. FALSE

Answer: A

Explanation:

The word DevOps is a contraction of "Development" and "Operations." DevOps is a new trend in the IT industry aimed at improving IT Service delivery agility. The movement emphasizes transparent communication, collaboration along with integration between Developer's software and IT Operations.

Question: 17

The first year DevOps was mentioned in international conferences was 2011.

A. FALSE
B. TRUE

Answer: A

Explanation:

The seeds of the DevOps movement were planted during the Agile conference held in Toronto in 2008 by software developer Patrick Debois.

Question: 18

DevOps is automation.

A. TRUE
B. FALSE

Answer: B

Explanation:

DevOps involves automation, but it is more than just automation.

Question: 19

Continuous Deployment principle is one of the key aspects behind DevOps.

A. FALSE

B. TRUE

Answer: B

Question: 20

Gene Kim's "Two Paths" essentially establish different ways of incremental DevOps adoption:

a. The first path: Systems Thinking.

b. The second path: Amplify Feedback Loops.

A. FALSE
B. TRUE

Answer: A

Explanation:

Gene Kim's "Three Ways" establish different ways of incremental DevOps adoption:

- The first way: The Principles of Flow

- The second way: The Principles of Feedback

- The third way: The Principles of Continual Learning and Experimentation

Question: 21

The values and culture of DevOps mainly focus on:

A. Honor web-inspired value
B. Self-management
C. Employee first
D. Minimal viable bureaucracy

Answer: B

Question: 22

Who was the first person to plant the seed of DevOps during the Agile conference?

A. John Allspaw
B. Patrick Debois
C. Michael HÃŒttermann
D. Paul Hammond

Answer: B

Question: 23

What is the definition of DevOps according to Jez Humble?

A. DevOps is a culture or a professional movement.
B. A movement of people who care about developing and operating reliable, secure, and high-performance systems at scale.
C. A blend of standards designed to improve collaboration between developers and operators. DevOps aims to share goals and incentives, as well as shared processes and tools.
D. DevOps is like a philosophical movement.

Answer: B

Explanation:

According to Jez Humble, DevOps is: "A movement of people who care about developing and operating reliable, secure, and high-performance systems at scale."

Question: 24

The DevOps movement was created to address:

A. Increasingly complex environments with virtualized I
B. All of the above.
C. Traditional approach to application development.
D. The need for multiple software releases, sometimes within a single day.

Answer: B

Question: 25

What are the pillars of DevOps in Agile?

A. Error-free releases (JKK Concept).

B. Assurance.

C. Adaptability to changes.

D. Speed.

Answer: B

Explanation:

Pillars of DevOps in Agile: Speed, Adaptability to changes, Error-free releases (JKK Concept), ITSM, Value Concept (ITILÂ®), Utility, Assurance.

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