Multi Choice Questions - DevOps

# Choose the best answer:

**Q-01:** What are the key components of DevOps?

1. Continuous Integration
2. Continuous Testing
3. Continuous Delivery
4. Continuous Monitoring
5. All of the above

**Q-02:** What is the need for DevOps

1. Increase deployment frequency
2. Lower failure rate of new releases
3. Shortened lead time between fixes
4. Faster mean time to recovery in the event of new release crashing
5. All of the above

**Q-03:** Which is not a DevOps goal?

1. Reducing testing time
2. Designing the simplest solution to meet requirements
3. Producing software to the highest quality
4. Keeping to regular working hours

**Q-04:** Which one of the following methodologies does least impact the establishment of DevOps methodology?

1. Lean Manufacturing.
2. Agile Software Delivery.
3. Waterfall Software Delivery.
4. Continuous Software Delivery.

**Q-05:** In typical IT organizations why is there a typical conflict between development and operations teams?

1. Because they come from different backgrounds.
2. Because development team knows more about software products and services.
3. Because operations team knows more about test and production environments.
4. Because they have conflicting business goals and priorities.

**Q-06:** Which one of the following techniques makes DevOps a successful methodology to develop and deliver software?

1. DevOps enables you to organize your teams around your organizational mission.
2. DevOps enables you to create your software with built-in quality and monitoring.
3. DevOps enables you to quickly identify, fix and learn from errors.
4. All above choices.

**Q-07:** Which statement best describes the goal of DevOps?

1. One goal of DevOps is to establish an environment where Change Management does not control application releases.
2. One goal of DevOps is to establish an environment where releasing more reliable applications faster and more frequently can occur.
3. One goal of DevOps is to establish an environment where application development performs all operations tasks.
4. One goal of DevOps is to establish an environment where releasing applications is valued over the quality of the released application.

**Q-08:** Agile and DevOps are similar but differ in a few important aspects. Which statement is correct?

1. Agile is a change of thinking whereas DevOps is actual organization cultural change
2. Agile is actual organizational cultural change whereas DevOps is a change of thinking.
3. Agile is process driven whereas DevOps is role driven.
4. Agile is role driven whereas DevOps is process driven.

**Q-09:** Which statement best describes the relationship between DevOps and Continuous Delivery?

1. DevOps and Continuous Delivery are the same thing.
2. DevOps and Continuous Delivery are not related and are mutually exclusive.
3. DevOps and Continuous Delivery share a background in Agile methods and LEAN thinking.
4. DevOps and Continuous Delivery share common processes.

**Q-10:** The DevOps movement has evolved to solve which problem?

1. Increasingly complex, virtualized IT environments
2. The need for multiple rapidly timed software releases; sometimes many in one day
3. The traditional siloed approach to app development and deployment
4. All of the above