

## Questions

1. Before the introduction of continuous integration, how often was code pushed to the integration branch?
  - a. Too often
  - b. Less often
  - c. Never
2. What are the outcomes of using a CI system? Choose all that apply
  - a. Less bugs will be introduced as code is checked for errors more often
  - b. Faster development cycles
  - c. Quality assurance staff will lose their jobs
3. Applying automatic tests to code before placing it on a staging environment is called
  - a. Continuous integration
  - b. Continuous delivery
  - c. Continuous deployment
4. For an EC2 instance to be able to communicate with other services in AWS, it needs a secret key and an access key
  - a. True
  - b. False
5. The AWS service responsible for pulling code from a repository like GitHub or from an S3 bucket, and placing it on the EC2 instance is called
  - a. CloudFormation
  - b. CodeDeploy
  - c. CodePipeline
6. CodeDeploy relies on a configuration file to determine the actions it is to perform. This file is called
  - a. Playbook.yml
  - b. Main.yml
  - c. appspec.yml
7. The CodePipeline service is responsible for:
  - a. Deploy code on the target EC2 instances from a repository
  - b. Automating the process of releasing code to a specific environment. It integrates with other services like CodeDeploy.
  - c. Just run integration/functional tests on the code.
8. CodeDeploy is a service that can be deployed on the target EC2 machine using a CM tool like Ansible
  - a. True
  - b. False
9. Jenkins needs the following prerequisites to run:
  - a. Just Java 8 JDK
  - b. Java 8 and Tomcate
  - c. Java 8 and Websphere
10. Jenkins can be installed on any platform that supports Java (Windows, Unix, Linux, and Mac)
  - a. True
  - b. False

## Answers

1. B
2. A,b QA team members or any other staff should not fear that they lose their jobs when DevOps tools are deployed. Instead, they will be needed to design the tests and the quality assurance tools that will do the repetitive tasks.
3. C
4. B – it needs an instance profile and a role
5. B
6. C
7. B
8. A
9. A
10. A