Question 1

Which of the following statements are true about Jenkins? (Choose two correct answers.)

Options:

A- Jenkins is specific to Java based applications.

B- Jenkins can delegate tasks to slave nodes.

C- Jenkins only works on local files and cannot use SCM repositories.

D- Jenkins' functionality is determined by plugins.

E- Jenkins includes a series of integrated testing suites.

Answer:

B, E

Question 2

The file index.php, which is being maintained in a git repository, was changed locally and contains an error. If the error has not been committed to the repository yet, which of the following git commands reverts the local copy of index.php to the latest committed version in the current branch?

Options:

A- git lastver -- index.php

B- git revert -- index.php

C- git checkout -- index.php

D- git clean -- index.php

E- git repair -- index.php

Answer:

B

Explanation:

Reference https://git-scm.com/docs/git-revert

Question 3

Which of the following HTTP methods are used by REST? (Choose three correct answers.)

Options:

A- CREATE

B- REPLACE

C- PUT

D- DELETE

E- GET

Answer:

C, D, E

Explanation:

Reference https://restfulapi.net/http-methods/

Question 4

What implications does container virtualization have for DevOps? (Choose two answers.)

Options:

A- Containers decouple the packaging of an application from its infrastructure.

B- Containers require developers to have detailed knowledge of their IT infrastructure.

C- Containers let developers test their software under production conditions.

D- Containers complicate the deployment of software and require early deployment tests.

E- Containers require application specific adjustment to the container platform.

Answer:

A, C

Explanation:

Question 5

Question Type: **MultipleChoice**

Which of the following git commands is used to manage files in a repository? (Choose two correct answers.)

Options:

A- git rm

B- git cp

C- git mv

D- git move

E- git copy

Answer:

A, C

Question 6

Which of the following HTTP headers is a CORS header?

Options:

A- X-CORS-Access-Token:

B- Location:

C- Referer:

D- Authorization:

E- Access-Control-Allow-Origin

Answer:

E

Explanation:

Reference https://enable-cors.org/server_apache.html

Question 7

A declarative Jenkins pipeline contains the following excerpt:

parameters {

string (name: 'TargetEnvironment', defaultValue: 'staging', description: 'Target environment')

}

How can a task use the value provided for TargetEnvironment?

Options:

A- {{TargetEnvironment}}

B- $TargetEnvironment

C- %TargetEnvironment%

D- ${params.TargetEnvironment}

E- $ENV{TargetEnvironment}

Answer:

B

Question 8

Question Type: **MultipleChoice**

Which statements are true regarding databases during the deployment of a new release of a service using canary deployment? (Choose two correct answers.)

Options:

A- Changes to the database schema can take long and reduce the database performance.

B- Traffic to the database will significantly increase because of the additional service instance.

C- The database schema must be compatible to all running versions of a service.

D- The database is locked while its content is copied to the canary database.

E- Canary deployments require two synchronized instances of each database.

Answer:

B, E