❌

## You completed this test on *20/10/2021, 07:32*
## Your score is 13.85%

CORRECT

**Groovy can be used to automate a variety of Jenkins tasks. A Groovy script written in script console always runs or would it need any additional approvals?**

a) Yes any Groovy script will always run in Jenkins environment as long as the user has permission to run the pipeline.

b) The script will run if the user is using scripted pipeline methodology.

✔ *c) All Groovy scripts are executed inside Groovy sandbox by default. Any potentially unsafe script will require explicit approval by Administrators.*

d) Yes it will run as long as the user running it is authenticated. Anonymous users are not allowed to execute Groovy scripts.

e) Groovy scripts don't run without explicit approval.

Scripts that are deemed safe by Jenkins will always execute. For more details please read this: https://plugins.jenkins.io/script-security/

INCORRECT

**Freestyle job type requires a plugin to be installed.**

✘ *a) True*

**b) False**

The correct answer is (b). Freestyle job is included in Jenkins by default, and it does not require any additional plugins to be installed.

## Which of the following are valid ways of restricting a Jenkins job to run on a certain Agent?

✗  *a) Specify the actual hostname of the Agent*

**b) Specify the name of the Agent**

c) Specify the IP address of the configured Agent

**d) Specify a label associated with the Agent**

> The correct answers are (b) and (d). To restrict jobs to run on certain agents only, you can use either the name of the Agent or a label associated with the Agent.

## Which of these can be configured as Jenkins post build actions?

✗  *a) Configure GIT repository*

**b) Archive build artifacts**

c) Invoke top-level Maven target

d) Discard build policy

**e) E-mail Notifications**

> The correct answers are (b) and (e). Archiving build artifacts, and email notifications are steps that are performed after the actual build is completed. Hence, they are best suited for post build actions.

## Which of the following security realms is recommended for large enterprises?

✗  *Unix user/group database*

**LDAP**

Jenkins's own user database

Delegate to servlet container

> The correct answer is (b). LDAP security realm delegates authentication to an external LDAP service. This option is more common for larger installations in organizations that have already

configured an external identity provider such as LDAP.

---

INCORRECT

## What are the benefits of using Linux package managers to install Jenkins ?

✗  a) *Automatic creation of a Jenkins user*

b) Automatic creation of startup scripts

c) Automatic log rotation set up

**d) All of the above**

> The correct answer is (d). The advantages of using package manager are that Jenkins user, startup scripts, and log rotation are set up automatically.

---

CORRECT

## Which is the most flexible Jenkins job type?

✓  **a) Freestyle**

b) Pipeline

c) Maven

d) Multi-Configuration

> The correct answer is (a). Freestyle job type offers the most flexibility for configuring Jenkins jobs.

---

INCORRECT

## You are the administrator of Jenkins server. One of the responsibilities you have is to backup your Jenkins server. Which of the following directories will you include in your backup?

✗  a) *All the .HPI files under the plugins directory*

b) All the .JPI files under the plugins directory

c) Unarchived Plugin Folders under the plugins directory

d) All the .JPI and .HPI files under the plugins directory

**e) All of the above**

The correct answer is (e). It is recommended to back up the entire plugins directory (.hpi/.jpis + directories). See Architecting for Scale (https://www.jenkins.io/doc/book/scaling/architecting-for-scale) for more information

---

## What port does Jenkins use by default?

✕ *a) 80*

**b) 8080**

c) 22

d) 443

The correct answer is (b). By default Jenkins uses port 8080. The default port can be changed by using the startup flag --httpPort

---

## Which of the following is required for launching agents via SSH?

✓ *a) A user account that can be used to login to the agent*

**b) Hostname of the agent**

c) Configuring the TCP port for inbound agents

**d) Adding Jenkins master's public key to the agent's authorized_keys file**

e) All of the above

The correct answers are (a), (b), and (d). To launch agents via SSH you need a username and hostname to login to, and you also need to add the Jenkins master's public key to the agent's authorized_keys file

---

## Your newly appointed CTO finds fault with your CI/CD practice and boasts that in his previous company they used to follow a software delivery practice which enabled them to release code on demand. In DevOps lingo, what is this practice referred to.

✕ *a) Continuous Integration (CI).*

b) Its not possible.

**c) Continuous Delivery**

d) Continuous Deployment.

e) It is a standard operation principle. There is no specific name or acronym attached to this.

> For more information check here: https://continuousdelivery.com

---

INCORRECT

## Which of the following statements are true about Pipelines?

✓ *a) Pipeline DSL(Domain Specific Language) is based on Apache Groovy*

**b) Pipeline code can be stored in version control as a file called Jenkinsfile**

c) Pipelines are only written using a declarative syntax

**d) Pipelines provide advanced visualization capabilities**

> The correct answers are (a), (b) and (d). Pipeline DSL is based on Apache Groovy. You can use either declarative syntax or scripted syntax to create your Pipelines and store them as Jenkinsfiles in your version control repository. A major benefit of Pipelines is the advanced visualization capabilities.You can view all stages of your pipeline in one place.

---

INCORRECT

## Which security realm allows delegating Jenkins authentication to an external Directory Service for authentication?

✗ *a) Delegate to servlet container*

**b) LDAP**

c) Unix user/group

d) Jenkins' own user database

> The correct answer is (b). LDAP security realm leverages external directory services for authentication.

---

INCORRECT

## In which section of the Jenkins job configuration would you configure email notifications?

✗ *a) General*

**b) Post-build Actions**

c) Build

d) SCM

> The correct answer is (b). Email notifications are configured in the Post-build actions section.

---

**INCORRECT**

**Which of the following tasks are best suited for the Build section of a Freestyle job?**

✓ *a) Execute shell*

b) Build other projects

c) Send e-mail notifications

**d) Invoke top-level Maven targets**

> The correct answers are (a) and (d). The build section comprises the actual steps to build your source code, run various tests (unit, integration, etc.), code quality, code coverage, etc.

---

**INCORRECT**

**What are the fundamental principles of Information Security?**

✗ *a) Authentication, Integrity, Accounting*

b) Confidentiality, Availability, Accounting

**c) Confidentiality, Integrity, Availability**

d) Integrity, Authorization, Availability

> The correct answer is (c). Confidentiality, Integrity, Availability, often known as the CIA triad are fundamental principles of Information security.

---

**INCORRECT**

**As a Jenkins administrator, your goal is to design a best practices based backup policy. Which of the following would you consider to influence your backup strategy?**

✗ *a) Backup the entire JENKINS_HOME directory*

**b) Discard Old Builds by setting a retention policy**

c) Increase Disk Space for your JENKINS_HOME directory.

**d) Delete all the unwanted plugins**

e) Delete unwanted views

f) All of the above

> The correct answers are (b) and (d). Discarding old builds is a Jenkins best practice and it will save a lot of disk space. The idea is to recreate a build from any SCM commit. Deleting unwanted plugins can greatly reduce the overall size of your Jenkins backups.

**In a distributed set up, which of the following launch methods are used to start a Jenkins agent ?**

✗ *a) Launch agent by connecting it to the master*

b) Launch agents via ssh

c) Launch agent via execution of command on the master

**d) All of the above**

> The correct answer is (d). All three options are examples of launch methods used to start Jenkins agents.

**You have just Jenkins on Ubuntu 18.04 LTS using apt package manager. It's time to access the Jenkins UI. You open a browser of your choice and type in the Jenkins URL. The post installation wizard kicks in and you are required to enter a secret to unlock your Jenkins. Which of the following will help you locate the secret?**

✗ *a) The secret is the password that is configured in the Groovy user script for basic security, and it can be found in $JENKINS_URL/init.groovy.d/default-user.groovy file.*

**b) The secret can be located under $JENKINS_HOME/secrets/initialAdminPassword file.**

c) The secret key is blurted out on the unlock screen. Just copy and paste this key in the secret key textbox.

d) The secret key is located in $JENKINS_URL/secrets/master.key file.

e) The secret key for ubuntu server is located under /etc/default/jenkins file.

> The correct answer is (b). See https://www.jenkins.io/doc/book/installing/linux/#unlocking-jenkins for unlocking Jenkins.

**INCORRECT**

## Which of the following are examples of nodes?

✓ ***a) Master***

    b) Executor

    **c) Agent**

    d) Stage

> The correct answers are (a) and (c). Any machine that can allocate an executor is a node. Both Jenkins Master and Agents are examples of nodes.

**INCORRECT**

## Which of the following security features are enabled by default starting with Jenkins 2.0?

✕ *a) LDAP*

    **b) CSRF protection**

    c) Matrix-based security

    **d) Disabled JNLP port**

> The correct answers are (b) and (d). Enabling CSRF Protection prevents your Jenkins server from malicious attacks. Jenkins uses a TCP port to communicate with the Agents. By default this is disabled. It should only be used if needed.

**INCORRECT**

## Jenkins does not allow you to install and manage third party tools required for your build.

✕ *a) True*

    **b) False**

The correct answer is (b). Jenkins allows you to configure the tools required for your build under Jenkins -> Manage Jenkins -> Global Tool Configuration page.

Your pipeline job has stages for build and test. You need to ensure that the multiple tests are run in parallel on different nodes.

The build stage produces a set of files which are needed in the test stage. In this case,

✓ **a) Add a step to stash the required files at the end of the build stage and unstash them in the test stage.**

b) The files are automatically preserved if you set your Pipeline Speed/Durability to MAX_SURVIVABILITY mode.

c) Add a step to stash the required files outside the build build block but just before the test block, and unstash them as a first step within the test stage.

d) The files are automatically preserved if you set your Pipeline Speed/Durability to MAX_DURABILITY but slowest mode.

The correct answer is (a). See https://www.jenkins.io/doc/pipeline/steps/workflow-basic-steps/#stash-stash-some-files-to-be-used-later-in-the-build

You are using Poll SCM build trigger, and have specified the schedule as */15 * * * * . When will a build be triggered?

✗ a) Everyday at 3 PM

**b) Every 15 minutes**

c) Once every 15 days

d) Once every 15 seconds

The correct answer is (b). The */15 notation in the first column means every 15 minutes. So, a build will be triggered every 15 minutes.

Pipeline DSL (Domain Specific Language) is based on.

✗ a) Ruby

**b) Apache Groovy**

c) Go

d) Java

The correct answer is (b). Pipelines use DSL based on Apache Groovy.

---

INCORRECT

**You need to use specialized hardware and software for running Jenkins builds for your legacy projects. Which type of agents would you configure?**

✕ *a) Cloud Agents*

b) Fungible Agents

**c) Dedicated Agents**

d) All of the above

The correct answer is (c). Dedicated agents are best suited for such use cases.

---

INCORRECT

**There are a few machines which are behind a firewall. Given this scenario, how can you connect these as Jenkins Agents?**

✕ *a) Using the SSH launch method*

**b) Using the Launch agent by connecting it to the master method**

c) Using the Launch agent via execution of command on the master method

d) It is not possible to use these as Agents

e) (a) and (b)

The correct answer is (b). Launching an agent by connecting it to the master is useful when Agents are using Windows OS, or they are behind a firewall and cannot use SSH to connect. In order to use this launch method, you need to configure the port that Jenkins Master will listen for incoming Agent connections on the Configure Global Security page.

---

INCORRECT

**What are some of the benefits of a distributed architecture?**

✓ **a) Horizontally scales build infrastructure on demand**

b) Vertically scales Jenkins infrastructure

**c) Uses Jenkins to build on any OS platform**

d) All of the above

The correct answers are (a) and (c). A distributed set up allows you to run builds for any OS platform and scale your build infrastructure on demand. Expect questions on this topic. For more information, see this: https://www.jenkins.io/doc/book/scaling/architecting-for-scale/

---

**INCORRECT**

## Which of the following statements is true about plugins ?

✗ *a) Much of the user needed functionality is part of Jenkins Core*

**b) Plugins may have dependencies on other plugins**

**c) Plugins are JAR files with either a .hpi or .jpi extension**

d) Once installed, plugins can never be downgraded

The correct answers are (b) and (c). Plugins are JAR files with a .hpi or .jpi extension. They may have dependencies on other plugins. When you install a plugin from the Available tab, all the dependencies are automatically installed. All the installed plugins are stored in the plugins directory under JENKINS_HOME Directory

---

**INCORRECT**

## What color code represents an aborted build?

✗ *a) Flashing Blue/Grey*

b) Red

c) Yellow

**d) Grey**

The correct answer is (d). You will see a grey ball icon under the status column for the aborted Jenkins job.

---

**INCORRECT**

## Which of the following Jenkins plugins provide best pipeline visualization capabilities?

✕ a) Build Pipeline

**b) Blueocean**

c) Parameterized Trigger

d) All of the above

> The correct answer is (b). Blueocean plugin provides the best visualization capabilities for pipelines.

---

INCORRECT

## The freestyle job type requires you to install a plugin

✕ a) True

**b) False**

> The correct answer is (b). The freestyle job is a central Jenkins feature and is included in Jenkins core. It does not require any additional plugin to be installed.

---

INCORRECT

## What are the two things that the Monitoring Builds section displays?

✕ a) All the jobs and their build status

**b) Build Queue**

c) Build history / trend

**d) Build Executor Status**

> The correct answers are (b) and (d). The monitoring build section displays information on the current build execution status, and builds that are queued and waiting for an available executor.

---

INCORRECT

## Pipeline job type is included by default in Jenkins.

✕ a) True

**b) False**

The correct answer is (b). Pipeline job requires Pipeline plugin to be installed.

**You quickly want to differentiate between high quality builds and the ones that are not at par. So you can use high quality builds in the next stage of your CI/CD process and discard others. How can you achieve this?**

× *a) By manually tracking build performance.*

b) By enabling email notifications. Failed notifications will inform developers about bad builds.

**c) By using promoted builds plugin. You can define promotion criteria and use it to promote builds.**

d) This is default feature of Jenkins automation server.

For more on promoted builds plugin, see here: https://plugins.jenkins.io/promoted-builds/

**In a Pipeline job, where can you add the post-build actions ?**

× *a) As a step in the last stage of the pipeline*

**b) Within the post section at the end of the Pipeline**

c) As a step in every single stage of the Pipeline

d) As a post task at the end of the stage

The correct answer is (b). Post-build actions are configured within the post section. Conventionally, these are placed at the end of the Pipeline.

**Which sub page under Manage Jenkins lets you handle configuration left behind by uninstalled plugins?**

× *a) View and purge unwanted data from Manage Plugins page*

**b) View and purge the wanted data on the Manage Old data page**

c) View and purge unwanted data from Global Tool Configuration page

d) None of the above

> The correct answer is (b). You can view and purge unwanted data left behind by uninstalled plugins on Jenkins -> Manage Jenkins -> Manage Old Data page.

---

CORRECT

## What is the secondary navigation system on the Jenkins UI ?

✓ ***a) Breadcrumbs***

    b) Side Navigation

    c) Header

    d) All View

> The correct answer is (a). Breadcrumbs is a secondary navigation system that allows you to quickly navigate to specific pages (or links) within the current hierarchy.

---

INCORRECT

## Your organization is using maven as their build tool of choice. Different projects are using different versions of Maven. What is the best practice based approach to install and manage Maven versions?

✗ *a) Pre-install different versions of Maven on the Jenkins master*

    **b) Install and Manage different versions of Maven on the Global Tool Configuration page.**

    c) Pre-install different versions of Maven on the agents.

    d) Pre-install different versions of Maven on both the Jenkins master and agents.

> The correct answer is (b). You can centrally install and manage different versions of Maven on the Global Tool Configuration page.

---

INCORRECT

## Which of the following are accepted file extensions for Jenkins plugins?

✓ ***a) .HPI***

    b) .WAR

    **c) .JPI**

    d) .EAR

The correct answers are (a) and (c). Jenkins plugins are Java Archive (JAR) files with either an .hpi or .jpi extension.

---

**INCORRECT**

**You have some specialized jenkins jobs on your Jenkins server. These jobs can only be viewed/configured/run by the Jenkins administrators.Which of the following authorization strategies would you use?**

✗  *a) Configure Matrix-based authorization strategy and assign permissions to the administrators.*

b) Set permissions for the servlet container.

**c) Configure Project-based matrix authorization strategy and use this to configure specific permissions.**

d) Create a Unix group named admins and change the ownership permissions for the required jobs to the admins group.

The correct answer is (c). Project based matrix authorization strategy allows you to define authorization by project rather than users.

---

**INCORRECT**

**You are gearing up for an internal security audit. Which of the following will help you provide information about various users accessing and configuring jobs your Jenkins server?**

✗  *a) You have installed the disk usage plugin and you have captured the disk usage trend for the last 6 months.*

**b) You have installed the Job Configuration History plugin, and you have captured information on every job configuration change.**

c) You have installed the build monitor plugin and you have captured vital information such CPU, memory, system load average, HTTP response time.

**d) You have installed the Audit trail plugin and you have captured a log of users who performed particular Jenkins operations.**

The correct answers are (b) and (d). Audit Trail plugin keeps a log of users who performed particular Jenkins operations, such as configuring jobs. Job Configuration History saves a copy of the configuration file of a job (config.xml) for each change made and of the system configuration

---

**INCORRECT**

**As part of your Pipeline you need to run a shell script. A shell script should be added as a(n):**

✗  *a) Stage*

b) Node

**c) Step**

d) Agent

> The correct answer is (c). Running a shell script is a single task and it should be added as a step.

---

**Your architect is harping on the build artifact re-use. What could be the advantages of reusing binary artifacts?**

✕  *a) You can avoid inconsistencies that typically arise from compiling and packaging your application software multiple times.*

b) You can save build time especially if your builds take longer than usual.

c) Building the software separately at each new stage can mean the tests in earlier environments weren't targeting the same software that will be deployed later, invalidating the results.

d) All of the above

**e) (a) and (b)**

> The correct answer is (e). You can avoid inconsistencies that typically arise from compiling and packaging your application software multiple times and save build time.

---

**One of your build jobs produces an artifact called example.jar. Another Jenkins job has a dependency on this artifact.  How can you ensure that the correct version of example.jar is used in the dependent Jenkins job?**

✕  *a) Install copy artifacts plugin and use the copy artifact post build step to copy artifacts from other builds.*

**b) Fingerprint the artifact**

c) Copy the artifacts to an external third party repository such us Nexus or Artifactory and use the corresponding artifact versions

d) None of the above

> The correct answer is (b). See https://www.jenkins.io/doc/book/using/fingerprints/ for more information.

INCORRECT

# What are the two default users in Matrix Authorization strategy?

✓ **a) Anonymous Users**

b) Authorized Users

**c) Authenticated Users**

d) All Users

The correct answers are (a) and (c). Two default users are defined in n Matrix Authorization. These are Anonymous Users, and Authenticated users. Anonymous Users are unauthenticated users who access the Jenkins UI Authenticated Users are users who have logged into Jenkins using a valid security realm.

INCORRECT

# Which two versions of Java are supported by Jenkins ?

✗ *a) 7*

**b) 8**

**c) 11**

d) 9

The correct answers are (b) and (c). The latest versions of Jenkins support Java 8 and 11

CORRECT

# Which of the following launch methods is recommended for starting Windows agents?

✓ *a) Launch agent by connecting it to the master*

b) Launch agents via ssh

c) All of the above

d) None of the above

The correct answer is (a). Jenkins recommends that Jenkins master uses Launch agent by connecting it to the master method to connect to the Windows agents.

## What color code represents a build that is currently in progress?

✕  *a) Yellow*

**b) Flashing Blue/Grey**

c) Grey

d) Flashing Green

The correct answer is (b). You will see flashing Blue/Grey color when a build is running.

## Which of the following is the most recommended way to set up build triggers?

✕  *a) Poll SCM*

b) Build periodically

c) Build after other projects are built

**d) SCM Webhooks**

The correct answer is (d). Ideally, you would want to trigger a new build as soon as a source code change is detected so as to align with CI/CD goals. At the same time, you do not want to add polling overhead. The best way to handle this is to let your SCM system handle this by configuring Webhooks.

## Which of the following will trigger a parameterized build for a Jenkins job named foo using Rest API ?

✓  ***a) curl -X POST JENKINS_URL/job/foo/buildWithParameters?PARAMETER=Value***

b) curl -X POST JENKINS_URL/foo/buildWithParameters?PARAMETER=Value

c) curl -X POST JENKINS_URL/jobs/buildWithParameters?PARAMETER=Value&JOB_NAME=foo

## You cannot manually upload a plugin.

✕  *a) True*

**b) False**

The correct answer is (b). You can manually upload a plugin via the Advanced tab. You do need to ensure that all the dependencies are installed. Otherwise, your plugin may not work as expected.

INCORRECT

## How many builds are included in the build trend for each Jenkins job?

✗ *a) All builds run in the past 24 hours*

**b) Last 5 builds**

c) All builds run in the past 7 days

d) Last 30 builds

The correct answer is (b). Jenkins displays the build trend for the last five builds using weather icons.

INCORRECT

## How can you change the default port that Jenkins listens on?

✓ *a) Specify Java option --httpPort on startup*

**b) Make the change in the settings file /etc/init.d/jenkins (on RPM-based systems) or /etc/default/jenkins (on Debian-based systems)**

c) Modify firewall rules to allow the new port

d) All of the above

The correct answers are (a) and (b). You can change the port by specifying the Java option --httpPort=. You can also modify the settings file under /etc/init.d/jenkins for RPM-based systems or /etc/default/jenkins for Debian-based systems.

INCORRECT

## Which of the following statements are true about Jenkins Declarative pipeline

✓ *pipeline{} block defines all the steps*

Knowledge of Groovy is critical for writing a declarative pipeline

**Blue Ocean editor configures a declarative pipeline**

Declarative pipelines are flexible and extensible

For more information, please consult this: https://www.jenkins.io/doc/book/pipeline/

---

INCORRECT

## Jenkins Blue Ocean plugin is used to create scripted pipelines

✗  *True*

**False**

BlueOcean plugin is used to create declarative pipelines.

---

INCORRECT

## As part of testing, you need to validate the normal software behaviors against the expectations and requirements. What type

## of tests are being referred to here?

✗  *a) Unit tests*

b) Integration tests

**c) Functional tests**

d) Acceptance tests

For more information, see here: https://en.wikipedia.org/wiki/Software_testing

---

INCORRECT

## Which of the following statements best describes Continuous Delivery?

✗  *a) It is an agile engineering practice which primarily focuses on automated build and test for every change committed to the version control system by the developers.*

b) It is an automated way of deploying your releases to production.

**c) It is a software development practice where you build software in such a way that the software can be released to production at any time.**

The correct answer is (c). Continuous Delivery is a software development practice where you build software in such a way that the software can be released to production at any time.

**Your company started with Jenkins on a small project, but now wants to on board more projects. At present, you have single server running Jenkins. What can you do to scale your Jenkins installation to achieve your new goals?**

✗  *a) Add more Jenkins masters behind a load balance. Each master will support portion of the load.*

b) Enable Jenkins HA system configuration. Now Jenkins will automatically expand to meet new load requirements.

c) There is no way to achieve this in Jenkins. You can try for vertical scaling by adding more RAM/CPUs to your current server.

**Scale by adding more build agents. Move the build load to new build agents. Try horizontal scaling first. If needed you can increase the capacity of Jenkins master by vertical scaling. But horizontal scaling should be the first option.**

Correct answer is (d). For more information, see https://www.jenkins.io/doc/book/scaling/architecting-for-scale/

**You are using Github organizations, and all of your repositories are hosted under your Github Organization.**

**You are configuring Multi branch pipelines.  In which of the following scenarios  a Jenkins job will be created?**

✗  *a) All repositories with a Jenkinsfile*

b) An Organization with a Jenkinsfile

**c) All branches under a single repository**

d) All branches for all your repositories in your organization

The correct answer is (c). Jenkins jobs will be automatically created for all the branches of a single repository for which you are configuring a multi branch pipeline job.

You have copied a Jenkins job named demoapp from a folder named TeamA to another folder named TeamB. What will happen if you kick off a build for demoapp jenkins job in TeamA folder?

✗  a) *This will automatically trigger a build for demoapp job in TeamB folder*

   b) The demoapp jenkins job will not build due to job name conflicts between the two folders.

   **c) Only the demoapp Jenkins job in TeamA folder will be built**

> The correct answer is (c). Folders are namespace aware. So, jobs with the same name in two different folders are considered different jobs and have different build histories.

CORRECT

**Your build usage is increasing but your Jenkins master has few executors configured. You can configure more executors or add new build agents. What do you think is the the right thing to do?**

✓  **a) It could lead to inadvertent security attacks thereby compromising your Jenkins server.**

   b) In order to configure additional executors, you will need more resources on your Jenkins server and this in turn may lead to additional costs.

   c) There is nothing wrong with configuring executors on Jenkins master. In fact this is part of scaling your Jenkins architecture.

   d) Only a Jenkins Administrator can trigger jobs on the Jenkins master.

> The correct answer is (a). Configuring executors on Jenkins master is a violation of security best practices. It is recommended that all the Jenkins jobs are run on the Jenkins agents.

CORRECT

**In a distrIbuted set up, you have a Jenkins Master and an Agent configured with a total of  2 executors. How many concurrent builds can you run?**

   a) 3

   b) 4

✓  **c) 2**

   d) 5

> The correct answer is (c). Since there are 2 executors in total,you can only run 2 concurrent builds.

**Your Jenkins scripted pipeline has 5 stages configured. And Your Jenkins master goes down while your Pipeline job is executing the third stage. What will happen to your Pipeline job after your Jenkins server is restarted?**

✕   *a) Nothing. The Pipeline job will continue running as is.*

**b) The pipeline job is aborted**

c) The Pipeline job fails

d) None of the above.

> The correct answer is (b). The Pipeline job is aborted when you restart Jenkins.

**Jenkins can be installed only on the Linux operating system.**

a) True

✓   *b) False*

> The correct answer is (b). Jenkins can be installed on a variety of platforms and operating systems (Linuxunix , Windows etc).

**Not passed. Click to try again.**   ▲