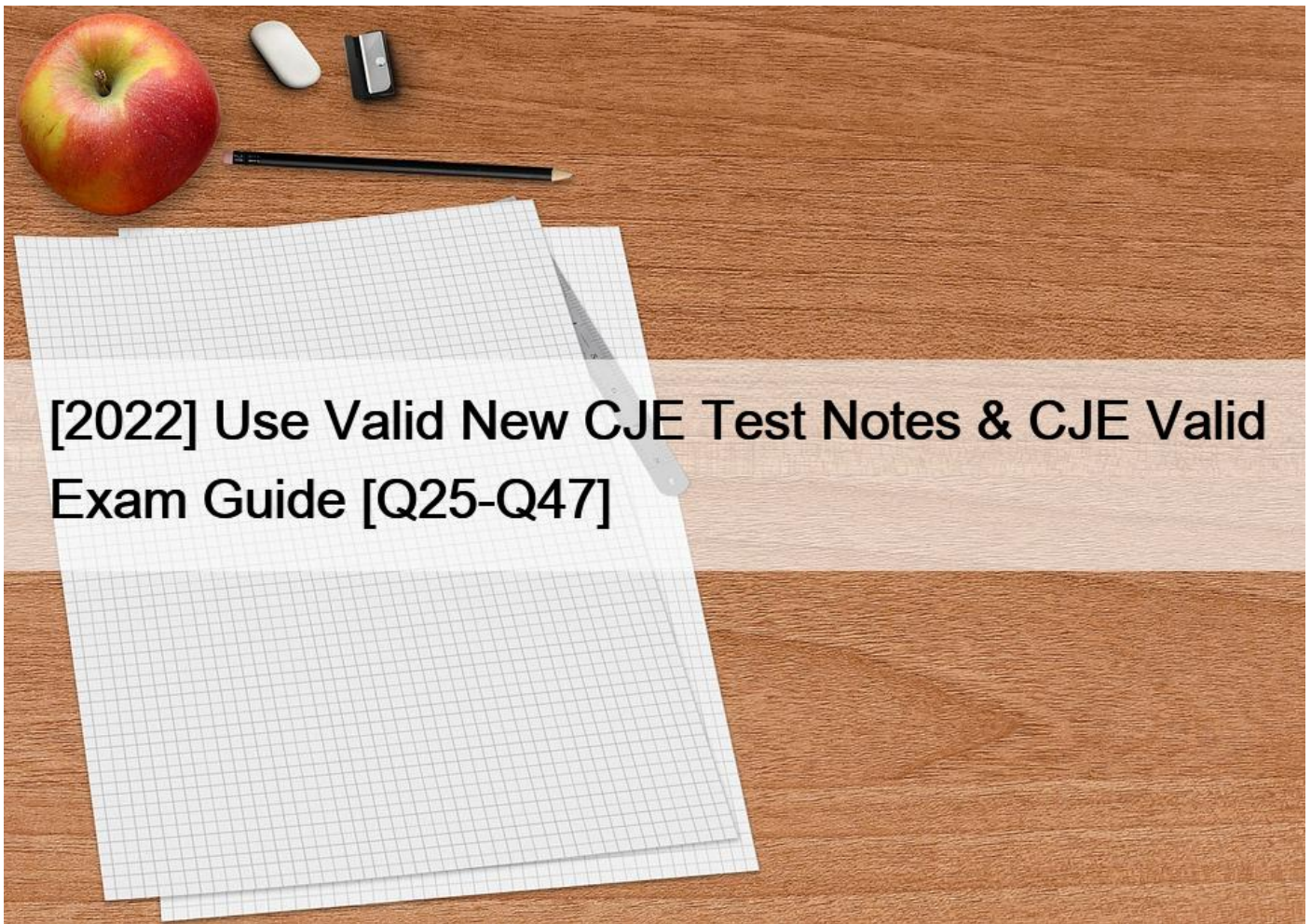


[2022 Use Valid New CJE Test Notes & CJE Valid Exam Guide [Q25-Q47]



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NO.25 Which of the following are true about the structure of a Declarative Pipeline? Choose 2 answers

- * Any Pipeline DSL code that Implements complex computational tasks must be located outside any stage block.
- * Steps are the logical segmentation of a Pipeline; they contain stages that define actual tasks.
- * Stages are the logical segmentation of a Pipeline; they contain steps that define actual tasks.
- * Each pipeline must have a global agent specification.
- * All stages in a Pipeline must execute on the same type of agent.

NO.26 Which enables you to use artifacts from a completed build in the workspace of the currently running build?

- * Jenkins core
- * Copy Artifact plugin.
- * Rebuild plugin.
- * ArtifactDeployer plugin.

NO.27 What happens to all associated configuration metadata (on jobs, builds, etc) after a plugin is uninstalled?

- * Nothing happens. The data remains on the persisted form of the configuration until the next save of that Rem (job, etc.).
- * It is deleted on the next restart of Jenkins.
- * It Is deleted on the next configuration reload.
- * It Is deleted Immediately.
- * The data is backed up and then deleted from the live configuration.

NO.28 Which are benefits of binary reuse (compiling once and reusing the built artifact across the rest of the pipeline)? Choose 3 answers

- * guarantees the same source is tested in each environment
- * allows the inclusion of environment configurations into the artifact
- * enables selectively linking stubs and real classes representing an external interface
- * ensures a single version b used throughout the pipeline
- * allows a shorter cycle time

NO.29 What is the purpose of the `Manage Old Data` screen under `Manage Jenkins`?

- * Delete artifacts, togs, and backups that are no longer required.
- * Clean up workspaces left by deleted Jenkins users.
- * Delete outdated configurations left by uninstalled, deleted, or upgraded plugins.
- * Delete or restore old credentials details.
- * Prepare for migration from Jenkins 1 to Jenkins 2.

NO.30 A unit test _____.

- * tests an Individual unit a component
- * verifies cross-functionalities
- * verifies that the complete software matches the specifications it was written to fulfill
- * is written when an Integration or multi-environment bog is fixed

NO.31 You want to execute a Job passing one parameter via the Jenkins RFST API. The correct syntax for this is

http: //server/Job/ myjob_____.

- * /build?Parameter=Value
- * /buiWWithParameters?Parameter=Value
- * /buildWithParameters
- * /build?Parameters=Value

NO.32 Which practices optimize performance on large systems? Choose 2 answers

- * Run all builds on agents and never on the master itself.
- * Use the maximum number of executors at all times and avoid using labels.
- * Avoid modifying Java parameters that control heap size and garbage collection.
- * Use plugins as much as possible.
- * Allocate specific masters for different build types and teams.

NO.33 What is the preferred method for a Jenkins administrator to notify nil Jenkins users about upcoming system maintenance?

- * Add text to the `System Message` field on the `System Configuration` page to populate a banner displayed across the top of the master's home page.
- * On the `System Configuration` page, choose the `Maintenance Alerts` option from the `Alerts` dropdown menu and populate the box with a message to be added to all build logs.
- * Populate the `Email Notifications` section of the `System Configuration` page with a message to be sent as email to all registered Jenkins users.

* On the master's dashboard, click 'add description'; or 'edit description'; to populate a banner displayed across the top of the master's home page.

NO.34 In Jenkins, which section in a Freestyle job configuration is used to execute a Linux (shell) or Windows (batch) command?

- * Build
- * Build Environment
- * Source Code Management
- * Build Triggers
- * Post-build Actions

NO.35 Which statements about a Distributed Version Control System are correct? Choose 2 answers

- * It makes It easy to fork and merge code.
- * It requires one server in each location.
- * It requires a central server and a standby server.
- * It requires fast network access for daily work.
- * It operates without a central server.

NO.36 Which are commonly referenced as key points of CI?

Choose 3 answers

- * Automated deployment to the production environment.
- * Collaboration among Dev, QA and Ops.
- * Automated tests after each commit
- * Automated builds after each commit.
- * Frequent commits to source code repository.

NO.37 Which are true when installing new plugins? Choose 2 answers

- * If you check the 'Enable rollbacks when upgrading' box, future updates to an the plugin can easily be rolled back when necessary.
- * The previous public release of a plugin is installed for reliability instead of Installing the most recent public release.
- * Most plugins can be Installed without stopping and starting Jenkins.
- * You must install all required and optional dependencies before Installing the plugin with the plugin manager.
- * If you are running Jenkins under an HTTP proxy, you must configure HTTP proxy access for the plugin manager before Installing or updating plugins.

NO.38 In Jenkins, a trigger commonly refers to a mechanism that automatically_____.

- * updates plugins
- * starts the build of a job
- * sends notification once the build is completed
- * detects code changes in the repository

NO.39 Which of the following are advantages of a Pipeline job when compared to a Freestyle job? Choose 2 answers

- * Jenkins can be restarted while a build is In progress without impacting the build.
- * Job definition can be loaded from the Source Code Management system at build time.
- * No extra plugins must be installed.
- * Builds can be parameterized.
- * Builds can be triggered with millisecond granularity.

NO.40 What is the default directory where a build takes place?

- * The Workspace directory.

- * The Builds directory in the Job.
- * The JENKINS_HOME directory.
- * The user's home directory.

NO.41 What is the purpose of the 'Manage Users' section of the Manage Jenkins dashboard?

- * Contains entries used for the security matrix or project security matrix.
- * Defines aliases for credentials that have been created in the external security realm.
- * Each user who is allowed access to Jenkins must have an entry in this Jenkins user database.
- * Defines user groups used for role-based strategy authorization.
- * Populates the Jenkins user database that can be used if you are not using an external security realm such as LDAP, Active Directory, or Unix user/groups.

NO.42 In a Pipeline, the stage step_____.

- * can be used to group a number of other steps into a logical unit for display
- * collects a set of artifacts that can be referenced in a later Pipeline step
- * prepares a test environment in Jenkins
- * transfers artifacts to a staging server for testing

NO.43 In a 'standalone' configuration, when masters manage the build environment and also execute builds with their own resources, which of the following is true?

- * Build times decrease.
- * User interface becomes slower as resources on the master run out.
- * The builds share SCM checkouts
- * Masters are more highly available.

NO.44 Which Jenkins job status indicates that tests failed ?

- * Aborted
- * Success
- * Unstable
- * Failure
- * Not Built

NO.45 What does a flashing build icon in the Build History indicate?

Choose 3 answers

- * A groovy script needs to be approved.
- * A build is waiting for Input.
- * The build is waiting for an executor to be available.
- * An agent is being spawned.

NO.46 DevOps teams can implement traceability of artifacts in a continuous delivery pipeline by using

- * the Downstream Builds plugin
- * manual recording
- * the Pipeline plugin to fingerprint files
- * Pipeline labels

NO.47 A Freestyle job is configured to execute concurrent builds, and to only build on a specific agent (agent A) that has 4 executors. You observe that 2 Instances of the job are currently building while several others are waiting in the build queue. Which of the following could explain why the builds are waiting in the build queue?

- * There are not enough idle executors available on agent A.

- * Changes were made to this job's configuration while this Job had builds in the build queue.
- * Each build in the build queue must be manually attached to an available executor.
- * The 'Execute concurrent builds if necessary' option in the job configuration has reached its user-defined maximum.

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