Jenkins assessment BC-100

Points: **24/25**   Time: **18:27**

✓ **Correct**   1/1 Points

1. Which of the below command is used to install jenkins?

   ◉ java -jar jenkins.war

   ◯ java -war jenkins.war

   ◯ java -jar jenkins jar

   ◯ java -war jenkins.jar

✓ **Correct**   1/1 Points

2. In Jenkins Job DSL, DSL stands for Directory Specific Line

   ◯ Direct Script Language

   ◉ Domain Specific Language

   ◯ Digital Subscriber Line

    ◯   Directory Specific Line

✓ **Correct**   1/1 Points

3. Which plugin allows jenkins to create pipelines?

    ◯   JenkinsFile

    ◯   All of these

    ⦿   Pipeline

    ◯   Job DSL

✓ **Correct**   1/1 Points

4. Which url is used to check health status of jenkins master

    ◯   {jenkins_url:port}/healthcheck

    ⦿   {jenkins_url:port}/monitoring

    ◯   {jenkins_url:port}/manage

    ◯   {jenkins_url:port}/health

✓ **Correct**   1/1 Points

5. Which section run on completion of pipeline or stage?

    ◯   agent

    ◯   step

    ⦿   post

○   script

✓ **Correct**   1/1 Points

6. How to restart jenkins?

⦿   {jenkins_url:port}/restart

○   {jenkins_url:port}/stop_start

○   {jenkins_url:port}/reboot

○   None of these

✓ **Correct**   1/1 Points

7. Jenkins was developed for

○   Continuous Delivery

○   Continuous Monitoring

⦿   Continuous Integration

○   Continuous Deployment

✓ **Correct**   1/1 Points

8. How to take backup of whole jenkins setup?

○   Save the Jenkinsfile in git.

○   Copy all data present in JENKINS HOME directory to backup directory.

○   Create soft link to JENKINS HOME directory.

◉ Copy only jobs and users folder from JENKINS HOME directory to backup directory.

✓ **Correct**   1/1 Points

9. How to configure new worker/slave machines?

○ Manage Jenkins-> Manage Plugins

◉ Manage Jenkins-> Manage Nodes

○ Manage Jenkins> Global Tool Configurations

○ Manage Jenkins -> Confiure System

✓ **Correct**   1/1 Points

10. What is blue ocean in jenkins?

○ Plugin for gathering logs

○ Tool for automation of additon of nodes

◉ Blue ocean is persionalized and modern GUI for Jenkins

○ Tool for triggering mails on git commit

✗ **Incorrect**   0/1 Points

11. In pipeline, which of the below will change jenkins job status to 'ABORTED'?

○ currentBuild = 'ABORTED'

◉ status.currentBuild = 'ABORTED'

○ currentBuild.status = 'ABORTED'

○ currentBuild.result = 'ABORTED'

✓ **Correct**   1/1 Points

12. Jenkins can be integrated with

○ Maven

◉ All of these

○ Git

○ Perforce

✓ **Correct**   1/1 Points

13. Which url is used to install plugins

○ {jenkins_url:port}/plugin

○ {jenkins_url:port}/configure

◉ {jenkins_url:port}/pluginManager

○ {jenkins_url:port}/management

✓ **Correct**   1/1 Points

14. Which variable contains the directory which contains logs, jobs, users and other configurations of jenkins?

◉ JENKINS HOME

○ JENKINS

○ HOME

○ HOME JENKINS

✓ **Correct**   1/1 Points

15. Scripted pipeline starts with which tag?

◉ node{}

○ stage {}

○ pipeline {}

○ step {}

✓ **Correct**   1/1 Points

16. Which url is used for testing groovy code and functions

○ {jenkins_url:port}/code

○ {jenkins_url:port}/groovy

◉ {jenkins_url:port}/script

○ {jenkins_url:port}/management

✓ **Correct**   1/1 Points

17. How to create new jenkins user?

○ Manage Jenkins -> Manage Users -> Create User

○ Manage Jenkins -> Configure Credentials -> Create User

○ Manage Jenkins -> Manage Plugins -> Create User

○ Manage Jenkins -> Configure System -> Create User

✓ **Correct**   1/1 Points

18. Which plugin allows jenkins job configuration as code?

○ Maven

○ Ansible

◉ Job DSL

○ All of these

✓ **Correct**   1/1 Points

19. How can you reference and use external shared libraries in a Jenkinsfile?

◉ By using the @Library annotation and importing them from a version control repository

○ By importing them

○ By using them as environment variables.

○ None of these

✓ **Correct**   1/1 Points

20. What refers to the total number of concurrent job executions that can take place on the jenkins machine?

○ slave node

○ master node

○ shell

◉ executors

✓ **Correct**   1/1 Points

21. Declarative pipeline starts with which tag?

◉ pipeline {}

○ node{}

○ step {}

○ stage {}

✓ **Correct**   1/1 Points

22. Which section in pipeline is used to run stages in parallel?

○ agent

○ steps

◉ parallel

◯ script

✓ **Correct**   1/1 Points

23. Which function is used in pipeline to get the secrets/credentials?

⦿ withCredentials

◯ withSecret

◯ withPassword

◯ withData

✓ **Correct**   1/1 Points

24. Which of the below can be jenkins agent?

◯ Windows Machine

⦿ All of these

◯ Docker Container

◯ AWS Linux machine

✓ **Correct**   1/1 Points

25. Which url gives system information of jenkins instance

◯ {jenkins_url:port}/manageOption 1

◯ {jenkins_url:port}/management

◯ {jenkins_url:port}/configure

◉ {jenkins_url:port}/systemInfo

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