1. **What and all Jenkins job have you written.**

Freestyle job

Pipline file

Multi branch pipeline

1. **Have you come across Jenkins files**

Yes, We have used the jenkin file as a source file while creating pipeline jobs. It as contain growi script and it was in different stages like build deployment etc..

1. **Create a pipeline job (Might be asked to write the syntax or a basic piplejob depending on the input the interviewer gives)**
2. **Give me real time scenario which you worked upon Jenkins pipeline job**

**ANS:-**

1. **Have you written any multi branch pipeline job? What is the advantage of hanging multi branch over single branch?**

Yes, we have written the multi line pipeline job to build deploye the mvn project.

Multibranch Pipeline works well if your Jenkins job deals with a single git repository with multiple branches.

We can create different builds for a each branch with different configuration.

1. **You install a plugin do you reboot Master?**

Yes I have configured, We will not reboat, Since Master is connected to more number of slaves.

1. **Multiple test cases to run a same time parallel, how to write in declarative.**

**ANS:-**

1. **How nexus credentials is passed to Jenkins file to upload arti-factory.**

**ANS:-**

1. **How you are managing your secrets to Jenkins file.**

Matrix based security

1. **Sonarqube setup and integration with Jenkins pipeline.**

**ANS:-**

1. **How you ensured wrong codes did not get into to your pipeline.**

**ANS:-**

1. **Types of jobs in Jenkins**

Freestyle job

Pipline file

Multi branch pipeline

1. **How you configure maven in Jenkins?**

YES

1. **Have you configured sonar qube in Jenkins?**

**ANS:-**

1. **Steps in Jenkins job, with syntax**

Go to dashboard, click on new item select type of job, click on ok.

Go to configure page, in source code management tab type the git url and select credentials,

In build trigger select trigger method to build the job

In build tab mentioned the command to build the project

In post build action:- used to trigger post build actions it may be deployment, sending email, triggering other jobs, and running test cases.

1. **When you have Jenkins job with declarative pipeline. Is it possible to merge the code with master branch, using Jenkins?**

Not possible we can add merge commands in shell and run.

1. **Explain CICD complete process.**
2. **What application you have built the CICD java/java script applications?**
3. **How do you enable continuous integration in Jenkins?**

We will create job configure triggers to run the job continuously

1. **How to run a shell command inside a stage?**

stage('print') {

steps {

sh 'echo "hello world"'

}

}

1. **After generating code quality report, how do you get the report back to developers automatically from Sonarqube in the Jenkins pipeline?**
2. **How to get email notification whenever a stage fails?**

Need to try

1. **There are 10 stages in the pipeline, 4 stages are successfully completed, build fails in 5th stage, now you need to start the build from where the build process was failed, How do you do that?**