**Learning Linux**

1) Linux Operating system Directories and responsibilities

2) List the directories and uses

3) Linux basic commands

List commands and use with output

4) How to install/Uninstall the software in linux

what is RPM

what is YUM

5) How start the app while server start

6) How to start/stop the application

List the commands

7) What is IPTables

8) what is SELinux

9) How to find process and id and port numbers

10) How to kill the process with ID`s

11) Difference b/w ssh and telnet

12) Define the file permissions in linux

**Centos Server Apps**

**Apache**

How to start and stop Apache

Config file location

Document directory

Log location and file name

**Tomcat**

How to start and stop

Config file and location

Use Context file

What is WAR file

How to deploy WAR file by Manual/GUI-Manager

Document directory

Log location and file name

**Crontab**

What is crontab

How to configure cron job

Configure every one hour

**Mysql**

Basic queries

How to dump(backup) the schema

How to restore the dump

How to dump schema with procedures,function,triggers.

**NodeJS**

what is node JS

How to start/stop the node

**AWS**

What is AWS and List AWS Service with uses

**EC2**

How to launch the new windows/linux instance

List the instance launching option

What is Tags/AMI/Volume/Snapshots

How to take AMI

How to launch instance from AMI

What is VPC

What is Security Group

How to enable the IP access in SG

**RDS( Relational Database Service)**

How to launch the new RDS instance

How to take snapshots

How to launch instance from snapshots

**S3**

Whats is S3

How to create folder and upload files

**IAM**

How to create the users with access key and use of access key

How to give permission into users

Whats roles

**Route 53**

What is R53

How configure the Domain names with IP

**SCM(Source Code Management)**

What is Codecommit/Git/Github

List Git commands and use

**Jenkins**

What is Jenkins

How to configure the Deployment Jobs

How to build the jobs

How to change the Job Configurations