Task – 1

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1. Daily Activities
2. Why do we configure Nodes in Jenkins?
3. Can I run job over Masters Node?
4. How to configure Web Hook Trigger over Jenkins job?
5. Chef attribute
6. How to access the file which was created by yesterday
7. How to triggers jobs and scheduling from TFS?

Task-2

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1. Daily activities
2. How to connect to the web server url (CURL) in power shell?
3. What is application pool and how to create these?
4. Attribute in chef?
5. Why Apdex in New Relic?
6. D/B Jenkins and GitLabCI?
7. What is WMI’s in PS?
8. How to configure Cloud Watch metrics?

Internal

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1. How to set min, max and desired capacity in ASG?
2. Can I able to launch windows instance using Linux ami?
3. Set
4. AWK
5. 404 & 500 Errors
6. D/B ELB and ALB
7. Why we are going for the terraform?

Task-3

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1. Daily activities
2. How to block particular ip in aws.
3. How to send a notifications if user has entered more than 3 times wrong credentials using shell script.

Task-4

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1. Day – to – Day activities.
2. How to achieve high availability feature in Jenkins
3. What is managing Nodes in Jenkins?
4. Why we use Nodes concept
5. Did you worked on lambda
6. Can I able to create the ami without stopping the instance.
7. How many types of DB’s are used till now?
8. How many types of Load Balancers are there?
9. How many stages are there in groovy script pipeline?
10. What is Multibranch pipeline in Jenkins
11. How many we can execute the script files in Linux
12. $@ $#
13. Set
14. Grep
15. Cut
16. Shebang line
17. How to install the python modules in Linux
18. What is the difference between Git, Git Hub and Bit Bucket?
19. How many we can scheduling the jobs in Jenkins?
20. How to configure the Poll SCM job?
21. Can I configure and run the job with “1” minute in Poll SCM job in Jenkins?
22. Docker commands and explain docker file in detail?
23. Can I make the conditions on cloud watch on to the basis of future execution?
24. Explain the procedure of configuring the groovy pipeline job in Jenkins?
25. Command Line arguments in Linux? And how many are there?
26. Can I use arrays in Linux?
27. Can I use dictionary’s in Linux
28. What is Sonarqube? Why we used for that?
29. Which file has been created while using the JaCoCO?
30. What is Free Style job and explain how to configure using with groovy script?

Task-5

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1. Day-To-Day activities
2. Who to achieve zero down time deployment in k8’s
3. Who to achieve high-availability in k8’s
4. Sonarqube usage
5. Who much percentage of quality you define over sonarqube?
6. What is DevOp’s and to achieve that?
7. Did you worked on operational team?
8. How to establish communication b/n Dev & Op’s team?
9. How to set a condition over cloud watch, to know about cpu overloading the thresholds extended
10. If any production issue has been coming how to resolve these issues as a DevOp’s engineer?

Task-6 (Infogain)

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Recording

Task-7(HCL)

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1. Day-To-Day activities
2. Project exposure
3. Jenkins Usage in CI/CD
4. How to push vast data from TFS to GitLab
5. How to perform automation using terraform
6. What kind of Monitoring tools has been used
7. How to set CPU Utilization thresholds values over monitoring tools
8. What kind of tasks had performed over AWS Cloud using automation

Task-8

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Recording over skype (Recorder in lappy)

Task-9

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18-10-2018, HCL

1. List and tuple
2. Dedicated Host and Dedicated Instance
3. Dictionary
4. What kind of programming languages are used?
5. About Your self
6. Did u worked on python or ruby

Task-10

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18-10-2018, HCL

1. How to define variables and parameters over Jenkins groovy pipeline

2. What is the use of the modules why we use it with that in Terraform

3. Having App, DB micro services, where do you store the kubernetes credentials file

4. config map

5. Did you created any k8's cluster

6. Explain about your self

7. Did you configured any Jenkins pipelines

8. What is the use of the Def in groovy script?

Task-11 (Pramathi 22/10/2018)

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1. How to replace the Single word “Simple” with all the files existed in the given directory.
2. How to get previous 2 lines and next 2 lines from the current cursor position. Using GREP
3. How to retrieve the lines from 5 to 10 in to the given file.
4. How to restart the docker service itself not docker container.
5. Day-To-day activities.
6. Explain the AWS Production architecture
7. What kind of Monitoring ,Logging tools are used
8. How to perform the CI/CD process gitlab.
9. What is the use of docker-compose, how to made connection between the docker containers
10. How to remove the Docker Images form the given directory in “C-drive”
11. How to see all the docker images,containers and volumes in to a single file itself
12. D/B docker ADD and COPY
13. Explain the process of docker implementation in your project
14. How can I balance Application and DB dependency in to the dockers
15. Where do you store your applications configuration files
16. How to implement Dry Run over ansible

Task-12 Virtusa(24/10/2018)

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1. Day-To-day Activities
2. Explain CI/CD process
3. How to used and deploy the artefact over Kubernetes cluster
4. How to deploy the artefact to the Nexus Repo and Tomcat application container

Task-13 TCs(25/10/2018)

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Recording over Recorder in Computer

Task-14 TCS(25/10/2018)

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1. What is hosts file in ansible

2. What is host inventories in ansible

3. Did you written ansible.yaml file?

4. What is the path of the hosts, inventories and ansible yaml file

5. How to install same software in 100 servers at a time?

6. Where you used ansible in your project

7. Write a script to install software over 100 ansible servers at a time

8. Explain ansible servers yaml files, did you written yaml files

9. What is merging, it rebase

10. What Command line arguments $0 $1

11 $?,$ #,$@,$\*,$!

12 How to set up the environment variables over Jenkins file

13 How many Env’s variables are created (OR) used in file?

14 What is the each and every directives usage in ansible.yaml file?

15. How to run the Jenkins pipeline even if the given stage would be failed and run remaining stages

16. Did you write any functions over shell script?

17. How to create a branch

18. What is Mount Point?

19. How to configure Master and Child nodes

20. How to call Master and Child nodes those in pipeline

21. Write a code to install software ansible files

22. $workspace $build\_URL

23 How to run background processes

24 how to populate the background process using the command

25 what is inventory in ansible?

26. How many types of pipelines you have to written

27. what is tasks

Task-15 Wipro (25/10/2018)

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1. Day To Day activities
2. Kubernetes implementation over Jenkins
3. Jenkins usage
4. Project Architecture
5. Looking for Jenkins,Ansible, and dockers

Task-16 Bangalore (25/10/2018)

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1. Day –To –Day activities
2. API Gateways
3. Lambda
4. Restful API Configuration
5. Micro services configuration
6. Project architecture
7. Cloud Formation Templates

Task-16 Bangalore (25/10/2018)

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1. Day –To-Day activities
2. Ansible configurations
3. Apache configurations
4. How to configure ansible over vagrant
5. What is web servers and why we need to configure to that
6. What is NGinx and how to use that

Task 17.(HCL Client Int) (10/2/2018)

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1. Day –to –Day activities
2. Why configuration management is used and to configure that
3. What is the branching strategies over github

Task 18. (11/2/2018)

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1. Day-to-Day activities
2. CI/CD Process meaning
3. IPV4/IPV6 Why we used and What is the better security approach
4. Python namespaces
5. Python Decoders
6. Python BuiltIn Types
7. Lambda
8. What kind of services are used in aws
9. Cloud Computing
10. What types of frameworks are used to interact with the aws

Task 19 (10/31/2018) (virtusa)

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1. Day-To-Day activities

2. ECS,EKS

3. Where store the credentials

4. Storage capacities used and what kind of different types are used

5. Storage and size how much used

6. Volume type how we used

7. how to used the url’s for implemenations

8. How to implement dockers and k8’s

9. How many users are there and how to maintain to them

Task 20 (11/05/2018) (sapiant)

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1. Day to Day activities
2. Why did you used GitLab CI over Jenkins
3. While sending the browser request to the hostname, what will be happening to interacting with the web server
4. How the CA authority will generate the certificate, Explaing the process,Request,Response process
5. What is micro service
6. D/B SNS and SQS
7. How many types of load balancers are there
8. How to take the backup from mysql server
9. Connect to the remote machine and copy/move the content to the folder, specify the time and create the backup and compress it
10. What is the exact D/B Classic and Application LB
11. Resolve.conf file
12. API Gateway & where and how to use this process
13. How to implement the different env’s from one to another while releases
14. What are the challenges you faced while implementation
15. How to troubleshoots the different issues, it is cpu,network,usage in implementation
16. Jpj protocol in tomcat
17. How many types of deployments will be there in tomcat
18. How to limit the response request comes from the different users in apache ,load limit
19. How to mon84or the server resources in linux
20. How to used the yaml file to enforce the configuration with example