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 ways 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 Tcs(K8’s) (26/10/2018)

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1. Day –to-Day activities
2. How did you use your public/private repo’s
3. How did you share your docker ami data to the other machines
4. Where the Docker ami data will be present
5. Once changes has been made over ami, how can I save the changes without using the docker file build
6. How to save the docker data over machines
7. How to monitor the k8’s deployments over cmd’s
8. Did you used any monitoring tools

Task -18 (Hex aware) (27/10/2018)

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Recording Laptop

Task -19 (UST Global) (31/10/2018)

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1. Day – To – Day Activities
2. What kind of activities have been done using K8’s
3. Etcd
4. Kubectl
5. Kubelet
6. D/B Kubectl & Kubelet
7. What is the use of Deployment service in K8’s
8. Where to store the Config & Password (authentications) files over K8’s
9. How to deploy the artefact over K8’s cluster
10. Did you created any explicit K8’s Cluster
11. How to know how many volumes has been mounted in docker
12. Did you created any Jenkins pipelines
13. Explain the process of CI/CD over Jenkins
14. How many ways have you deployed artefacts over different environments
15. How to extended the artefacts after auto scaling group has been scales, Tell us the procedure how the way will auto scales and extends the instances
16. Did you worked over NGINX SSL encryption
17. What are the services are used in AWS
18. What is the D/B S3 ACL and S3 Private
19. Did you worked over shell scripting
20. Did you worked over Java/Dotnet
21. How do you python in environments setup
22. How do you access the another application running over container from current system(PortForward)
23. What is Restart always in docker