HCL 30th September
Security principles in DevOps
Bash scripting
Docker architecture
Difference between CMD and entrypoint
Dockerfile
Kubernetes and AWS hands-on
How do you resolve git conflicts
How do you set environment variables in Docker
Helm charts

5th October Citiustech
S3 object classes
Daemon sets in Kubernetes
Default module of terraform
how can we run a pod in a particular node
Updating EC2 instance image
Increasing root volume of EC2 instance
Container prune vs ____ prune command
AWS RDS
Types of provisioners in terraform

17th Oct Cognizant
S3 - Send data at 12 am everyday to client, or as soon as it gets uploaded
S3- how to optimise cost per month
AWS - If any change is done in console, how would you know
Kubernetes - flow of a request when we hit the url
Kubernetes toughest challenge faced
Kubernetes monitoring and logging
Terraform - writing from scratch
Terraform multiple environments

18th Oct Accion Labs
CI/CD - what stages are used? What do you use for code scanning in your company
S3 versioning
AWS hands-on : how to create auto-scaling groups
Kubernetes errors image, crash
Application is not behaving as expected, which logs to check in kubernetes
Where do you store terraform state file?
Accessing eks cluster through cli
If 2 people are changing in terraform at once, how to handle it?
Write jenkinsfile

21st October Avaamo ai
Kubernetes scaling
AWS service to store data even if EC2 gets deleted
EKS node groups with different nodes(compute difference)

22nd October Bridgenext
What is Docker
How the same docker image will be used for different envs
How do 2 containers in the same pod communicate with each other?
Explain the process of scheduling a pod- complete flow
Taints and toleration
Java application inside an ec2 instance wants to access an S3 bucket. How to achieve that considering only the java application should have access and not any other application in the same EC2 instance

23rd October Capgemini
Git questions - stash, rebase, branch create and checkout, remote branches, modify a message,commit ids, GitHub vs git
CI/CD - write pipeline, mvn (where will the compiled code go)
      - git checkout command
      - Jenkins master slave nodes, build triggers, plugins
Kubernetes - architecture, namespaces, deployments strategies, default deployment strategy, replicas
Can we have multiple master nodes?

Scripting - odd numbers, swap inputs
23rd October Capco
Maven scenario questions - how to add a new microservice, what if 8 out of 9 services get built.
Linux scripting - how to find and replace in vim
Microservices can run on multiple ports?
Http error codes
Sql- take a backup of a table
How to check free memory, cpu utilization? Does top command give total cpu utilization?
What is swap? Is swap faster than actual memory?

24th October Siemens
Explain the whole cicd pipeline in your org
Which git are you using?
Write a Dockerfile for a java app
Query to fetch long running queries in a db
How do you decide the cidr range of your VPC while creating an EKS cluster?
Filter command in terraform
Locking mechanism related question in terraform
Scripting

25th October Cognizant
AWS VPC endpoints use cases, end points private
VPC logs
Difference between security groups and nacl
Terraform for each vs count
Terraform functions
Cicd - how to run post build irrespective of if the build is successful or not
Plugin which enables permissions to run a build

Have you worked on Cloud front?

30th October Infovision
Python merge and sort
Generators in python
Data types in python, tuple vs list
Jenkins migration
Cron job
Sidecar container
Layers inside an empty pod
Benefits and drawbacks of blue-green

6th November Practo
Coding- simplify directory /a/b/c../d
Kubernetes - replicaset vs daemonset
   - Rolling update, will the pod be destroyed first or created first
   - Update a node
   - edit ingress
   - nodeport, load balancer, ingress
Terraform - core, lock a module,

6th November Epsilon
Terraform -
- Null in terraform, provisionsers, most complex problem in terraform
- want to deploy a new application in VPC, but ips are exhausted
- route 53
- static website hosting on private S3 bucket
- launch template, features of launch template wrt auto-scaling groups
- setup certificate in load balancer