**K8** :-

Static pod in kubernetes  
  
Labels & Selector

Pod life cycle

Reediness Probe and Liveliness Probe

Auto Scaling

Replicas controller/Sets

Load Balancer

Microservices

YAML

Life cycle of K8 – pending- proceeding – initialize  
  
etcd   
  
Scheduler   
  
Taint & toleration  
  
drain & cordan

Session affinity  
  
Pod Affinity  
  
Image Policy  
  
how many node in clusterLog of Api server  
  
Restrict pod to communicate in other node  
  
Type of error  
  
Helm values.yaml chart.yaml   
  
Deamon Set  
  
Security management --- RBAC , network policies, update and patching, continuous monitoring

**Docker :-**docker container  
  
docker swam  
  
docker image  
  
Docker container connect  
  
docker links  
  
docker how my pod  
  
docker container Log where are stored – var/lib/docker/image-conatiner

**Jenkins :-**Jenkins roles make access  
  
Multiple env deployment  
  
upstream -- & down stream --   
  
groovy script stages  
  
Jar file where are they store **Linux :-**how to debug if memory is full on linux :-  
  
lsblk – to view the block and volume attached   
  
df -h --- to view the memory consumed by which partition  
  
what to do if the CPU is more than 90 percentage

Top   
  
 **AWS :-**ec2 user connect with pem key   
  
how to connect two aws accounthow many buckets in s3 ---10000 k 10 lac request max  
  
Lambda run without terminating  
  
how to connect pod using router 53  
  
what is 53 in router 53  
  
secure s3 bucket using bucket policies

Types of auto scaling  
  
cost optimization  
  
  
  
**Terraform :-**  
  
How to spin up ec2 instance with different name