Theory Part :-

1. What is Devops
2. How Pipeline Works
3. CAMS Theory
4. SDLC
5. Secure SDLC Activiteies
   a. Security Requirement
   b. Theart modeling
   c. SAST
   d. DAST
   e. OS Hardeninig
   f. Security Monitoring

Cloud :-

1. What is Cloud Computing
2. What is AWS
3. How cloud service Provider Works
4. IAAS, PAAS, SAAS
5. AWS CONSOLE
6. IAM ROLE
7. How we can access
   a. Console
   b. CLI
8. EC2 & AMi
9. AMI security and Golden image
10. CodeCommit
11. Code Deploy
12. ECR
13. ECS
14. NEtworking
   a. VPA
   b. Route Tables;
   c. SG
   d. Bastion HOsts
   e. VPN
   f. WAF

15. S3
16. KMS

17. Cloud HSM
18. AWS inspector
19. AWS COnfig
20. AWS oraganiation
21. AWS artifact
22. cloud trail
23. Cloudatch
24. Complaince And Legal Issue in Cloud

Tools :-

1. Docker
2, ANsible
3. terraform
4. Packer
5. Kubernetes
6. Jenkins
7. Sonarqube
   Cohesity
   CheckMarx
8. Quality Gates
9. JFROG
10. BAMBOO
11. Bitbucket
12. Gradle
13. Reporting
14. Maven

Attaking auit moden devops system

1. VCS
2. CICD Jenkins
3. Kuberetes
4. ANsible terraform
5. Secret manag. etcd
6. Monitoring Ssystem

Patch Management and Security Monitoring

1. Approaches for patching running applications.
2. Approaches for patching Immutable Infrastructure.