1. Which tool is used for implementing CI/CD?

Jenkins

2. Which one is used for testing Web applications?

Selenium

3. What is Cloud Computing?

Cloud Computing means providing services like storage, servers, database, networking, etc

4. Which software process model is known for its sequential and non-iterative approach?

Waterfall

5. Can a Jenkins job/task be executed automatically by configuring triggers/hooks?

Yes

6. Which type of requirement specifies how the software system should behave or perform?

Functional requirement

7. Which command is used to run a Docker container in detached mode?

docker run -d

8. What are key-pairs in AWS?

Secure login information for your virtual machines

9. Which file is created for configuring a Docker image?

Dockerfile

10. Which component of Kubernetes is responsible for managing containerized applications?

kubelet

11. What are the Technical advantages of DevOps?

1, 2 and 3

12. Which library/framework is used for writing test cases in Java?

jUnit

13. Which one from the list cannot be automated using CI/CD pipelines?

Developing the application

14. Which one provides a light-weight virtual environment to run our apps?

Docker

15. Which of the following is a type of cloud computing service?

Software-as-a-Service (SaaS)

16. Which software is a virtualization tool?

Oracle VirtualBox

17. Select the odd one using in Selenium:

Pattern Matching

18. Which of the following responses is an advantage of microservices?

Any microservice component can change independently from other components

19. When would developers use microservices?

When they need to create large, enterprise-level applications that are subject to changes on a frequent basis

20. Cloud computing is a concept that involves pooling physical resources and offering them as which sort of resource?

Virtual