

Unit 3 {SE}

Q: What is the difference between verification and validation in software testing?

A: None

Q: Describe the process of alpha testing and beta testing.

A: None

Q: Define Docker and explain the purpose of a Dockerfile.

A: None

Q: Can you differentiate between Docker containers and virtual machines?

A: None

Q: What is the difference between Kubernetes and Docker?

A: None

Q: Explain the need for continuous monitoring using Nagios

A: None

Q: What is the significance of Docker Compose?

A: None

Q: Explain the software testing strategy for conventional software.

A: None

Q: Explain the difference between black-box and white-box testing.

A: None

Q: How would you use different debugging strategies to solve problems in a program, and why is debugging important?

A: None

Q: How would you create a Docker Compose file using YAML to define and deploy a multi-container application? Provide an example.

A: None

Q: Describe the process of creating a customized Docker image using a Dockerfile and uploading it to Docker Hub for public access, with an example.

A: None

Q: How would you deploy pods in a Minikube cluster, and what factors would you consider?

A: None

Q: Classify different types of incremental integration. Explain any two in detail

A: None

Q: Describe the Docker architecture.

A: None