

# Introduction to DevOps – Quiz 04

Total Questions: 5. Attempt ALL.

Time: 10 minutes.

Name: \_\_\_\_\_ ERP ID: \_\_\_\_\_

Marks Obtained

	5
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1. Which of the following is NOT a common use case for containerization?
  - a. Deploying microservices architectures
  - b. Simplifying application development workflows
  - c. Running multiple instances of the same application to achieve scale.
  - d. Managing virtual machines at scale
  
2. IaC defines the desired state of your infrastructure. What does this mean?
  - a. It tells you what your infrastructure currently looks like.
  - b. It describes how you want your infrastructure to be set up.
  - c. None of the above.
  
3. You want to ensure a logging agent runs on every node in your Kubernetes cluster. Which Kubernetes resource would be most suitable?
  - a. Deployment
  - b. ReplicaSet
  - c. DaemonSet
  - d. Horizontal Pod Autoscaler (HPA)
  
4. Metrics provide quantitative data points that measure the health and performance of a system. What type of metric might be used to monitor a web server?
  - a. Number of active users on the site
  - b. Number of HTTP requests processed per second
  - c. Amount of disk space used by application logs
  
5. GKE by Google Cloud is a
  - a. Container orchestration service
  - b. Container Registry service
  - c. Serverless container service