Area	Topic	Practice Tasks	Documentation
13% - Core Concepts	Understand Kubernetes API primitives		
	Create and configure basic Pods	Create a Pod with command and argument	https://kubernetes.io
		Add additional label to a Pod	
		Delete a Pod	
18% - Configuration	Understand ConfigMaps	Create a configmap	https://kubernetes.io
		Access a configmap from a Pod	https://kubernetes.io
	Understand SecurityContexts	Run pod with a securityContext	https://kubernetes.io
	Define an application's resource requirements	Use requests and limits to make put resource restrictions on a Pod	https://kubernetes.io
		Use LimitRange to set default requests and limits in a Namespace	https://kubernetes.io
		Use ResourceQuotas to limit total amount of CPU, Memory and Storage consumed by resources in a Namespace	https://kubernetes.io
	Create & consume Secrets	Create a secret	https://kubernetes.io
		Access a secret from a Pod	https://kubernetes.io
10% Multi-Container Pods	Understand ServiceAccounts	Create a serviceAccount	
8% - Observability		Configure a pod to use a serviceAccount	
	Understand Multi-Container Pod design patterns (e .g. ambassador, adapter, sidecar)	Deploy multi-container Pod	https://kubernetes.io
	Understand LivenessProbes and ReadinessProbes	Create a liveness probe	https://kubernetes.io
		Create a readiness probe	
20% - Pod Design	Understand container logging	Show container logs	https://kubernetes.io
	Understand how to monitor applications in Kubernetes		
	Understand debugging in Kubernetes		
	Understand how to use Labels, Selectors, and Annotations	Add label to a node	
		Remove label from a node	
		Add label to a pod	
		Remove label to a pod	
		Add label to a deployment	
		Remove label from a deployment	

Area	Topic	Practice Tasks	Documentation
		Use nodeSelector to schedule a pod on a particular node	
		Use nodeName to shcedule a pod on a particular node	
		Use taints to prevent pods from being scheduled on a particular node	
		Use tolerations to ignore taints	
		Use nodeAffinity to schedule a pod on a particular node	
		Use podAntiAffinity to make sure that pods in the same deployments are not scheduled on the same node	
		Use podAffinity to make sure that pods from separate deployments are scheduled on the same node	
		Get all pods that have specified label	
13% - Services & Networking	Understand Deployments and how to perform rolling updates	Create a Deployment	
	Understand Deployments and how to perform rollbacks	Perform rolling update for a Deployment	
		Perform rollback for a Deployment	
8% - State Persistence	Understand Jobs and CronJobs	Create a Job	
		Create a CronJob	
Other	Understand Services	Create a ClusterIP service	
		Create a NodePort service	
		Connect existing deployment to a service	
	Demonstrate basic understanding of NetworkPolicies	Create a deny all network policy	
		Create a deny all network policy that is assigned to a particular pod	
		Create a whitelist rule based on pod label	
		Create a whitelist rule based on ip range	
	Understand PersistentVolumeClaims for storage	Create a persistentVolume	
		Create a storageClass	
		Create a persistentVolumeClaim	
		Assign volume to Pods	

Area	Topic	Practice Tasks	Documentation
		Resize persistentVolumeClaim	
	Namespaces	Create a namespace	
		Delete a namespace	