Started on	Monday, 2 June 2025, 5:18 PM
State	Finished
Completed on	Monday, 2 June 2025, 5:26 PM
Time taken	7 mins 49 secs
Marks	9.00/15.00
	60.00 out of 100.00
Question 1	
Complete	
Mark 1.00 out of 1.00	
Which component is	responsible for assigning Pods to nodes?
a. kubelet	
b. controller-m	anager
c. kube-proxy	
d. scheduler	
G d. Schedulei	
Question 2	
Complete	
Mark 0.00 out of 1.00	
IVIAIR 0.00 OUT OF 1.00	
Which of the following	ng would lead the scheduler to not schedule a Pod on a node?
a. Pod is in Cra	shLoopBackOff
b. Node is tain	
c. Pod is alread	
	eSelector not matching any node
O d. Pod nas nod	eselector not matching any node
Question 3	
Complete	
Mark 1.00 out of 1.00	
What type of request	s does kubectl generate to the API server?
) i	
a. gRPC	
b. HTTPS REST	ΔΡΙ
c. WebSockets	
O d. DNS	

Question 4
Complete
Mark 1.00 out of 1.00
Which of the following components operate on a watch-reconcile-update loop?
a. scheduler
○ b. kube-apiserver
○ d. etcd
Question 5
Complete
Mark 1.00 out of 1.00
Which Kubernetes component is solely responsible for all REST API interactions within the cluster?
a. kube-apiserver
b. controller-manager
○ c. etcd
O d. kubelet
Question 6
Complete
Mark 1.00 out of 1.00
Which component verifies authentication and authorization of kubectl commands?
a. kube-proxy
○ b. controller-manager
○ c. scheduler
Question 7
Complete
Complete
Complete
Complete Mark 0.00 out of 1.00
Complete Mark 0.00 out of 1.00 What happens if the kube-apiserver becomes unavailable?
Complete Mark 0.00 out of 1.00 What happens if the kube-apiserver becomes unavailable? a. Existing Pods are terminated
Complete Mark 0.00 out of 1.00 What happens if the kube-apiserver becomes unavailable? a. Existing Pods are terminated b. kubelet stops functioning

Complete		
Mark 0.00 out of 1.00		
How does kubelet discover which Pods to run?		
a. Watches kube-apiserver		
○ b. Watches kube-proxy		
c. Listens to controller-manager		
○ d. Polls etcd		
Question 9		
Complete		
Mark 1.00 out of 1.00		
What is the role of the kube-proxy?		
○ a. Encrypting etcd		
b. Managing network rules and forwarding traffic		
c. Launching containers		
○ d. Scheduling Pods		
Question 10		
Complete		
Complete Mark 1.00 out of 1.00		
Mark 1.00 out of 1.00		
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Question 12
Complete
Mark 1.00 out of 1.00
In the Pod creation lifecycle, which component updates the Pod's spec.nodeName field?
○ a. etcd
○ b. controller-manager
○ c. kube-apiserver
Question 13
Not answered
Marked out of 1.00
Which component writes and persists the desired state of a Pod?
○ a. kubelet
b. scheduler
c. kube-apiserver
od. etcd
Question 14
Complete
Mark 1.00 out of 1.00
What is stored in etcd?
a. Container images
 b. Desired and observed state of all objects in the cluster
c. Running processesd. Only logs
G. Only logs
Question 15
Complete Mark 0.00 out of 1.00
Walk 0.00 dat 01 1.00
When a Dayley want is specified only a specified the Dayline Cat and Dayle?
When a Deployment is created, who creates the ReplicaSet and Pods?
a. controller-manager
b. kube-apiserver
○ c. scheduler
○ d. etcd