



# Free Questions for **CKA** by **braindumpscollection**

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# Question 1

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**Question Type:** MultipleChoice

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Create an nginx pod and list the pod with different levels of verbosity

## Options:

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**A-** Explanation:

// create a pod

```
kubectl run nginx --image=nginx --restart=Never --port=80
```

// List the pod with different verbosity

```
kubectl get po nginx --v=7
```

```
kubectl get po nginx --v=8
```

```
kubectl get po nginx --v=9
```

## Answer:

---

A

# Question 2

---

**Question Type: MultipleChoice**

---

Check the Image version of nginx-dev pod using jsonpath

**Options:**

---

**A-** Explanation:

```
kubect1 get po nginx-dev -o  
jsonpath='{.spec.containers[].image}'
```

**Answer:**

---

A

## Question 3

---

**Question Type: MultipleChoice**

---

Get IP address of the pod -- "nginx-dev"

### Options:

---

**A-** Explanation:

Kubect1 get po -o wide

Using JsonPath

```
kubect1 get pods -o=jsonpath='{range
.items[*]}{.metadata.name}{\t'}{.status.podIP}{\n'}{end}'
```

### Answer:

---

A

## Question 4

---

**Question Type:** MultipleChoice

---

Create a pod with environment variables as var1=value1. Check the environment variable in pod

### Options:

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**A-** Explanation:

```
kubect1 run nginx --image=nginx --restart=Never --env=var1=value1
```

# then

```
kubectl exec -it nginx -- env
# or
kubectl exec -it nginx -- sh -c 'echo $var1'
# or
kubectl describe po nginx | grep value1
```

### Answer:

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A

## Question 5

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### Question Type: MultipleChoice

---

Create a pod that echo "hello world" and then exists. Have the pod deleted automatically when it's completed

### Options:

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**A-** Explanation:

```
kubectl run busybox --image=busybox -it --rm --restart=Never --
/bin/sh -c 'echo hello world'
kubectl get po # You shouldn't see pod with the name 'busybox'
```

**Answer:**

---

A

## Question 6

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**Question Type:** MultipleChoice

---

List pod logs named "frontend" and search for the pattern "started" and write it to a file "/opt/error-logs"

**Options:**

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**A-** Explanation:

Kubectl logs frontend | grep -i "started" > /opt/error-logs

**Answer:**

---

A

## Question 7

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**Question Type: MultipleChoice**

---

Create a busybox pod that runs the command "env" and save the output to "envpod" file

**Options:**

---

**A-** Explanation:

```
kubectl run busybox --image=busybox --restart=Never ---rm -it -- env > envpod.yaml
```

**Answer:**

---

A

## Question 8

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**Question Type: MultipleChoice**

---

Create a pod with image nginx called nginx and allow traffic on port 80

**Options:**

---

**A-** Explanation:

```
kubectl run nginx --image=nginx --restart=Never --port=80
```

**Answer:**

---

A

## Question 9

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**Question Type: MultipleChoice**

---

Get list of all pods in all namespaces and write it to file "/opt/pods-list.yaml"

**Options:**

---

**A-** Explanation:

```
kubectl get po --all-namespaces > /opt/pods-list.yaml
```

**Answer:**

---

A



# Question 10

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## Question Type: MultipleChoice

---

Create a nginx pod with label env=test in engineering namespace

### Options:

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**A-** Explanation:

```
kubectl run nginx --image=nginx --restart=Never --labels=env=test --namespace=engineering --dry-run -o yaml > nginx-pod.yaml
```

```
kubectl run nginx --image=nginx --restart=Never --labels=env=test --namespace=engineering --dry-run -o yaml | kubectl create -n engineering -f --
```

YAML File:

apiVersion: v1

kind: Pod

metadata:

name: nginx

namespace: engineering

labels:

env: test

spec:

containers:

- name: nginx

image: nginx

```
imagePullPolicy: IfNotPresent  
restartPolicy: Never  
kubectl create -f nginx-pod.yaml
```

## **Answer:**

---

A

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