QUESTION 1
Which Docker command is used to start an interactive Bash shell in a running container named "test"?

A. docker attach -it test /bin/bash
B. docker run -it test /bin/bash
C. docker exec -it test /bin/bash
D. docker run test /bin/bash

Answer: C

QUESTION 2
Refer to the exhibit. What is the reason for this error message?

```
Traceback (most recent call last):
  File "api-call.py", line 1, in <module>
    import requests
  File "/Users/devnet/venv/devops/lib/python3.7/site-packages/requests/_init_.py", line 43, in <module>
    import urllib3
ModuleNotFoundError: No Module named 'urllib3'
```

A. The required dependencies for the urllib3 module are not installed.
B. The requests module is not installed.
C. The required dependencies for the requests module are not installed.
D. The site-packages directory has been corrupted.

Answer: B

QUESTION 3
Drag and Drop Question
An application is being built to collect and display telemetry streaming data. Drag and drop the elements of this stack from the left onto the correct functions on the right.

Answer Area

IOS-XE Device		visualization platform
Elasticsearch		data collector
Kibana		data generator
Python Application		datastore

Answer:

Answer Area

Kibana
Python Application
IOS-XE Device
Elasticsearch

QUESTION 4
What are two reasons a Docker golden image should be updated? (Choose two.)

A. when there is a change to a username or password in the Docker secrets
B. when the application has a new release
C. when a fix for a security vulnerability is released
D. when a change is needed to an environment variable in the Dockerfile
E. when the base image is nearing the end of life

Answer: BC

QUESTION 5
A company has experienced serious growth and the hosted applications are getting more and more hits. Based on the increased work load, applications have started to show signs of reduced performance, which is affecting the user experience.
Which two server metrics should be tracked to ensure that the customer experience remains within acceptable limits? (Choose two.)

A. application feature sprawl
B. CPU peak usage
C. CPU average usage
D. microservices count
E. CPU frequency

Answer: BC

QUESTION 6
Microservices architecture pattern has been applied and the system has been architected as a set of services. Each service is deployed as a set of instances for throughput and availability. In which two ways are these services packaged and deployed? (Choose two.)

A. Service instances must be isolated from one another.
B. Service must be independently deployable and scalable.
C. Service are written using the same languages, frameworks, and framework versions.
D. Service must be dependent, deployable, and scalable.
E. Service instances do not need to be isolated from one another.

Answer: AB

QUESTION 7
What is the purpose of using a build tool in software development?

A. It complies source code into binaries and executables.
B. It provides a way to edit source code using a graphical interface.
C. It is a manual process that is followed to build software.
D. It tracks bugs and incidents in a built application.

Answer: A

QUESTION 8
What is the effective way to manage computing costs in a public cloud?

A. Monitor data transfers to minimize cost.
B. Use dedicated hardware for all instances.
C. Select the largest instance option available in order to pay for only one instance.
D. Make use of elastic services and scale on demand.

Answer: D

QUESTION 9
A developer has created a deployment that should launch a pod to run their database service. The pod should launch with a metadata name of "Cisco-DB," and the developer has added it to the "Cisco" namespace in their deployment. Which Kubernetes command confirms that the service is running and usable?

A. kubectl -n Cisco get services | grep "Cisco-DB"
B. kubectl -n Cisco get pods | grep "Cisco-DB"
C. kubectl get pods | grep "Cisco-DB"
D. kubectl -n Cisco get service | grep "Cisco-DB"

Answer: C

QUESTION 10
Which step must be taken to enable centralized logging in a Kubernetes environment?

A. No steps need to be taken. The master node automatically aggregates logs from all worker nodes and stores them on the specified persistent volume.
B. Create a CustomResourceDefinition in each deployment that specifies the IP or names the log collector.
C. Deploy a sidecar node that aggregates logs from the entire cluster.

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D. Create a DaemonSet that deploys a container with a logging agent on every node in the cluster.

Answer: C

QUESTION 11
Which interface is most commonly used to integrate logging, monitoring, and alerting applications into your CI/CD pipeline?

A. AMQP
B. SNMP
C. SSH
D. REST

Answer: C

QUESTION 12
To make logging searches more efficient and useful in Kibana, an Administrator wants to implement index patterns around the hostname of some software systems. Where should this be configured?

A. Configure a new JSON object in Kibana.
B. Create a search index in Logstash.
C. Create an index pattern in Kibana.
D. Create a time filter on Kibana to look at time only.

Answer: C

QUESTION 13
AppDynamics is being used to monitor your distributed Python application. Each individual container of the application is instrumented with an AppD agent. Which two configuration variables uniquely determine the module being monitored? (Choose two.)

A. node
B. app
C. agent
D. tier
E. event

Answer: AB

QUESTION 14
The E-commerce application is being monitored using AppDynamics. AppDynamics has noticed that the application response has degraded and has identified some thread contention that might be the cause of the delays.
Where in the interface does AppDynamics bring this to your attention?

A. Potential Issues section of an individual transaction
B. Transaction Score graph of a business transaction
C. Code Deadlock section of the Event List
D. Slow Calls and Errors tab of the application

Answer: A

QUESTION 15
What are two advantages of using Configuration Management Tools? (Choose two.)

A. reduction in policy violations caused by human errors

B. reduction in administration costs
C. reduction in network changes already performed automatically
D. reduction of on-premises networking equipment
E. reduction in networking team skills

Answer: BC

QUESTION 16
An end user is seeing long web page load times on the internal business application that they are trying to view. The user is seeing this issue across multiple web browsers, and other users encounter the same issue. Which action should the system administrator take to start looking for the cause of this issue?

A. Check to make sure Nginx is running.
B. Check for response times in Nginx logs.
C. Check to make sure the web API response is coming back in JSON.
D. Check the size of the database that the application is using.

Answer: B