QUESTION 1
An executive team wants to reduce subscription costs. An application that currently uses cloud hosting services has been identified as a candidate to migrate to internal infrastructure. A detailed proof of concept has been requested from the development team to compare the components of bare metal deployments. Which two attributes are used to identify the required application deployment on bare metal servers? (Choose two.)

A. Hosting infrastructure is distributed as a single tenant.
B. Resources scaled up quickly to meet demand.
C. It provides direct access to physical resources for the operating systems.
D. It has lower resource consumption than other deployment types.
E. It performs on top of an existing virtualized environment.

Correct Answer: AC

QUESTION 2
A new application is being developed that must be hardware independent. The application includes an administrative component which is accessed using a Windows desktop GUI. Installation and management of the environment must be fully automated. Which application deployment type meets the requirements?

A. bare metal
B. virtual Python environment
C. container
D. virtual machine

Correct Answer: C

QUESTION 3
A team of developers is responsible for a network orchestration application in the company. The responsibilities also include:
1. developing and improving the application in a continuous manner
2. deployment of the application and management of CI/CD frameworks
3. monitoring the usage and problems and managing the performance improvements

Which principle best describes this DevOps practice?

A. end-to-end responsibility
B. quality assurance checks
C. automation of processes
D. responsible for IT operations

Correct Answer: C

QUESTION 4
Which command reverses the last commit without changing the index file or the working tree position?

A. git reset --soft HEAD^
B. git reset --hard HEAD~3

C. git revert HEAD
D. git revert

Correct Answer: A

QUESTION 5
A company needs a solution to back up data that is generated by a Java application to a local disk. The data must be transferred from on-premises to cloud storage by using SCP. A security policy requires the encryption of the data in transit and at rest. Which two configurations must be implemented to meet the security policy requirements? (Choose two.)

A. VPN for the Java application
B. encryption of the remote filesystem
C. IPsec for the Java application

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D. TLS for the Java application
E. encryption of the local filesystem

Correct Answer: BD

QUESTION 6
A company needs to migrate internal applications to the cloud to optimize scalability and reliability as well as to reduce the effort of managing the infrastructure. The company plans to host the infrastructure on private dedicated servers that are rented from a cloud provider. The servers must be accessible only from the company network. The company also plans to temporarily scale the infrastructure out to non-dedicated servers of a cloud provider. Which application deployment model must the organization implement?

A. edge computing
B. public cloud
C. hybrid cloud
D. private cloud

Correct Answer: C

QUESTION 7
Users cannot access a webserver and after the traffic is captured, the capture tool shows an ICMP packet that reports "time exceeded in-transit". What is the cause of this webserver access issue?

A. The server is overloaded and the connection was not able to be processed in time.
B. A router along the path has the wrong time.
C. The large distance between the server and the users means that the packets require too much time to reach the destination.
D. A router along the path is misrouting the packets in a wrong direction.

Correct Answer: D

QUESTION 8
Calling a REST API returns a 404 error. What does this code represent?

A. The URI being requested is incorrect.
B. A query parameter is missing.
C. A header is missing.
D. The payload is formatted incorrectly.

Correct Answer: A

QUESTION 9
An engineer must configure Cisco Nexus devices and wants to automate this workflow. The engineer will use an Ansible playbook to configure devices through Cisco NX REST API. Before the code is run, which resource must be used to verify that the REST API requests work as expected?

A. Cisco Code Exchange for Nexus
B. Cisco Learning Labs

C. Cisco Open NX-OS
D. Cisco NX-OS SDK

Correct Answer: B

QUESTION 10
Which API is used to change the configuration of a device group that contains Cisco Catalyst 9000 Series Switches?

A. Cisco IOS XE
B. xAPI
C. JTAPI

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D. Cisco Finesse

Correct Answer: A

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