Question 1

Which of the following describes the 2N model for VM redundancy?

Options:

A- There is one active VM and one standby VM that takes over if the active VM fails.

B- Thera are N active VMs and a pool of standby VMs that can take over if one or more active VMs fail.

C- There are N active VMs, each one paired with a standby VM that takes over if its active VM fails.

D- There are 2N active VMs deployed to support a service that needs N active VMs, with extra capacity in case one or more VMs fail.

Answer:

C

Question 2

Which of the following describes the benefit of using huge pages?

Options:

A- Huge pages improves the performance of mapping virtual memory addresses to physical memory addresses.

B- Huge pages improves the performance of decreasing the number of memory accesses involved in a page table walk.

C- Huge pages improves the performance of page swapping by increasing the number of TLB cache hits.

D- Huge pages improves the performance of page swapping by optimizing the loading of pages to main memory.

Answer:

C

Question 3

Question Type: MultipleChoice

Which of the following best describes the reason for CPU pinning?

A- To ensure that a VM is assigned to high performance CPU cores.

B- To ensure that a VM's CPU cores area all allocated on the same NUMA node.

C- To ensure that a VM is assigned to a compute node with adequate resources.

D- To ensure that a VM is assigned a sufficient number of CPU cores.

Answer:

A

Question 4

Question Type: **MultipleChoice**

Which of the following statements about SR-IOV is FALSE?

Options:

A- VMs using OVS and SR-IOV can be instantiated on the same compute node.

B- SR-IOV offers comparable performance to non-visualized hardware.

C- The VM must be attached to the PF to achieve highest performance.

D- Using SR-IOV restricts VM mobility.

Answer:

D

Question 5

Question Type: **MultipleChoice**

What is the main benefit of splitting the core network into separate user-plane and control-plane nodes?

Options:

A- Independent configuration of user-plane and control-plane nodes

B- Independent scaling of user-plane and control-plane nodes

C- User of a shared data repository for storing user states.

D- Creation of networks with isolated properties over a common infrastructure

Answer:

B

Question 6

Question Type: MultipleChoice

Which of the following network elements is implemented by the Nokia CPC?

Options:

A- Policy and charging rules function (PCRF)

B- Equipment Identity Registration (EIR)

C- Application Function (AF)

D- eNodeB

Answer:

A

Question 7

Which of the following statements about the network service platform (NSP) is FALSE?

Options:

A- Acts as an element management system (EMS) for CPC components

B- Performs fault, performance, and security management

C- Has a northbound interface with the NFV orchestrator (NFVO)

D- Allows monitoring events associated with the NFV environment

Answer:

C

Question 8

Which of the following management tools performs the function of virtual infrastructure manager (VIM) in the CPC NFV architecture?

Options:

A- NetAct

B- CloudBand Infrastructure Software (CBIS)

C- Operations Support System (OSS)

D- Network Service Platform (NSP)

Answer:

B

Question 9

Question Type: MultipleChoice

Which of the following statements about CMG inter-VNF geo-redundancy is FALSE?

Options:

A- Only the master CMG instance handles call processing and data path forwarding

B- 1:1 geo-redundancy mode is used

C- Master CMG instance synchronizes subscriber information to its slave CMG instance

D- Slave CMG instance takes over when the master CMG instance is in overload state

Answer:

A

Question 10

Question Type: **MultipleChoice**

Which of the following statements regarding the CMM OAM network is FALSE?

Options:

A- It is used for CMM management.

B- It is connected to NECC VMs.

C- It is connected to CPPS VMs.

D- It requires a customer provided subnet address.

Answer:

B

Question 11

Question Type: MultipleChoice

Which of the following statements about networks used by CMG is FALSE?

Options:

A- A management network used for CMG management

B- Data switch fabric is used to carry signaling messages between LB-VMs and OAM-VMs

C- Control switch fabric is used to carry inter-VM control messaging

D- External networks are used to carry both control plane and user plane traffic

Answer:

A