Question 1

Question Type: MultipleChoice

What is the default provider of Vagrant?

Options:

A- lxc

B- hyperv

C- virtualbox

D- vmware_workstation

E- docker

Answer:

C

Question 2

Question Type: MultipleChoice

Which functionality is provided by Vagrant as well as by Docker? (Choose three.)

Options:

A- Both can share directories from the host file system to a guest.

B- Both start system images as containers instead of virtual machines by default.

C- Both can download required base images.

D- Both can apply changes to a base image.

E- Both start system images as virtual machines instead of containers bv default.

Answer:

A, C, D

Question 3

Question Type: MultipleChoice

In order to use the option dom0_mem to limit the amount of memory assigned to the Xen Domain-0, where must this option be specified?

Options:

A- In the bootloader configuration, when Xen is booted.

B- In any of Xen's global configuration files.

C- In its .config file, when the Domain-0 kernel is built.

D- In the configuration file /etc/xen/Domain-0.cfg, when Xen starts.

E- In its Makefile, when Xen is built.

Answer:

A

Question 4

Question Type: **MultipleChoice**

What is the purpose of the command vagrant init?

Options:

A- It executes a provisioning tool in a running box.

B- It starts a Vagrant box.

C- It creates a Vagrant configuration file.

D- It installs Vagrant on a Linux host.

E- It downloads a Vagrant box.

Answer:

C

Question 5

Which of the following statements are true regarding VirtualBox?

Options:

A- It is a hypervisor designed as a special kernel that is booted before the first regular operating system starts.

B- It only supports Linux as a guest operating system and cannot run Windows inside a virtual machine.

C- It requires dedicated shared storage, as it cannot store virtual machine disk images locally on block devices of the virtualization host.

D- It provides both a graphical user interface and command line tools to administer virtual machines.

E- It is available for Linux only and requires the source code of the currently running Linux kernel to be available.

Answer:

D

Question 6

Question Type: **MultipleChoice**

Which of the following mechanisms are used by LXC and Docker to create containers? (Choose three.)

Options:

A- Linux Capabilities

B- Kernel Namespaces

C- Control Groups

D- POSIXACLs

E- File System Permissions

Answer:

A, B, C