Quiz 1: Hệ điều hành Linux OS

**QUESTION 1.** During a system boot cycle, what is the program that is run after the BIOS completes its tasks?

A. The bootloader

B. The inetd program

C. The init program

D. The kernel

**QUESTION 2.** Which of the following information is stored within the BIOS? (Choose TWO correct answers.)

A. Boot device order

B. Linux kernel version

C. Timezone

D. Hardware configuration

E. The system's hostname

**QUESTION 3.** Which of the following statements describes a difference between GNU GRUB Legacy and GRUB 2?

A. GRUB 2 no longer requires a configuration file

B. Partition numbers start at 0 in GRUB Legacy and 1 in GRUB 2.

C. grub-mkconfigonly works with GRUB Legacy if the --version 1 option is used.

D. The configuration filemenu.lst (andgrub.conf) have been replaced withgrub.config.

**QUESTION 4.** Which of the following describes the correct order in which the components of the system boot process arestarted?

A. BIOS, kernel, bootloader, init system

B. BIOS, bootloader,kernel, init system

C. Bootloader, BIOS, kernel, init system

D. BIOS, bootloader, init system, kernelE. Bootloader, BIOS, init system, kernel

**QUESTION 5.** What does the command grub-install /dev/sda do?

A. GRUB creates partitions on the device/dev/sdato be used with Linux.

B. GRUB sets the default BIOS boot device to/dev/sda.

C. GRUB installs all required files and configures the boot loader on device/dev/sda.

D. GRUB recompiles the Linux Kernel and installs it on the Master Boot Record of device/dev/sda.

**QUESTION 6.** Which of the following commands will load a kernel module along with any required dependency modules?

A. depmod

B. insmod

C. modprobe

D. module\_install

E. loadmod

**QUESTION 7**. Where does the BIOS search for a bootloader?

A. On all connected storage media regardless of the boot device order.

B. On all connected storage media in the defined boot device order.

C. Only on hard disk drives in the defined boot device order.

D. Only on the last added storage media.

E. The BIOS is not responsible to search for a valid bootloader.

**QUESTION 8.** What is true regarding UEFI firmware? (Choose two.)

A. It can read and interpret partition tables

B. It can use and read certain file systems

C. It stores its entire configuration on the /boot/ partition

D. It is stored in a special area within the GPT metadata

E. It is loaded from a fixed boot disk position

**QUESTION 9.** What is the first program the Linux kernel starts at boot time when using System V init?

A. /lib/init.so

B. /proc/sys/kernel/init

C. /etc/rc.d/rcinit

D. /sbin/init

E. /boot/init

**QUESTION 10.** The system is having trouble and the engineer wants to bypass the usual /sbin/init start up and run /bin/sh. What is the usual way to pass this change to the kernelfrom your boot loader?

A. Start in runlevel 1.

B. Pass init=/bin/sh on the kernel parameter line.

C. Pass /bin/sh on the kernel parameter line.

D. Pass start=/bin/sh on the kernel parameter line.