Chapter 1 Review Questions

1.  Which of the following is a basic function all computers perform? (Choose all that apply.)

* 1. **processing**
  2. Internet access
  3. graphics
  4. **input**
  5. e-mail
  6. **output**

1. You are using e-mail to send a message over the Internet. Which of the following types of software acts like a hook in the operating system to enable e-mail transmissions over the Internet?
   * 1. software compiler
     2. hook driver
     3. Internet translator
     4. **application programming interface**

Chapter 2 Review Questions

1. What does it mean if a driver is signed?
   1. **The driver file contains a digital certificate.**
   2. Only certified versions of drivers can be installed.
   3. The driver can only work in Windows 10 and later versions.
   4. The driver must be installed on a server.

1. Virtualization allows you to do which of the following?
   1. Combine multiple physical servers into one logical server.
   2. Run a live and test environment on separate physical servers.
   3. **Set up multiple operating systems on one physical server.**
   4. Access multiple physical servers through one virtual console.

Chapter 3 Review Questions

1. What type of computer program takes a high-level language and turns it into assembly code?
   1. interpreter
   2. **compiler**
   3. assembler
   4. translator

1. Manufacturers rate their CPU speeds based on which characteristic?
   1. external clock speed
   2. pipelining speed
   3. **internal clock speed**
   4. core speed times the number of cores

.

Chapter 4 Review Questions

1. As you are using some files on a workstation running Linux, you determine that a few of the files seem to be corrupted. What should you do?
   1. **Close all files and applications and run *fsck*.**
   2. Start DiskScan to check for file links.
   3. Reformat your disk using the *format*
   4. Use the Disk Check utility, which can be run at any time.

1. You need to find the date and time a file was created and the file’s size. Where should you look?
   1. in the volume label
   2. in the Master File Table
   3. **in the file metadata**
   4. in the file allocation table

Chapter 5 Review Questions

1. You need to perform a backup in Windows that includes the registry. Which type of backup should you perform?
   1. **system state backup**
   2. data drive backup
   3. scheduled backup
   4. incremental backup
2. Which key should you press to boot a Macintosh computer from an installation DVD?
   1. Esc
   2. **Option**
   3. Ctrl
   4. Apple

Chapter 6 Review Questions

1. What communicates between the OS and computer devices?
   1. **device driver**
   2. OS kernel
   3. applications
   4. user interface
2. You need to check a printer parameter for a Linux printer. In what directory should you look for information about the printer configuration?
   1. /dev/printers
   2. /bin/ptr
   3. /usr/printer
   4. **/etc/cups**

Chapter 7 Review Questions

1. Which of the following is true about a page file?
   1. **It should be stored on a separate disk from the Windows folder.**
   2. It’s usually stored in fast random access memory.
   3. Windows stores frequently accessed drivers in it.
   4. It is usually smaller than 50 M
2. You need a disk system that provides the best performance for a new application that frequently reads and writes data to the disk. You aren’t concerned about disk fault tolerance because the data will be backed up each day; performance is the main concern. What type of volume arrangement should you use?
   1. spanned volume
   2. RAID 1 volume
   3. **RAID 0 volume**
   4. RAID 5 volume

Chapter 8 Review Questions

1. On which host OS can you run Hyper-V?
   1. MacOSX
   2. **Windows 10**
   3. Ubuntu Linux
   4. Solaris

Chapter 9 Review Questions

1. An IPv6 address is made up of how many bits?
   1. 32
   2. 48
   3. 64
   4. **128**
   5. 256
2. The subnet mask of an IP address does which of the following?
   1. provides encryption in a TCP/IP network
   2. **defines network and host portions of an IP address**
   3. allows automated IP address configuration
   4. allows users to use a computer’s name rather than its address

Chapter 10 Review Questions

1. A text file that contains a list of commands is called which of the following?
   1. logon process file
   2. service file
   3. task file
   4. **batch file**

Chapter 11 Review Questions

1. When examining the contents of the Windows folder in Windows 10, which of the following subfolders would you expect to find? (Choose all that apply.)
   1. sbin
   2. **System**
   3. etc
   4. **System32**
2. How can you purge a file in Mac OS X?
   1. **Send the file to the Trash and then delete it from the Trash.**
   2. Right-click the file and click Purge.
   3. Copy the file to another hard drive and then delete it.
   4. Mac OS X files are always purged as soon as they are deleted.