Your grade: **100%**

Your latest: **100%** • Your highest: **100%** • To pass you need at least 70%. We keep your highest score.

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1. Which one of the following statements about Linux distributions is true?   **1 / 1 point**

   ○ Red Hat Enterprise Linux is the largest community-run distro.

   ○ There are only three types of Linux distribution: core, desktop, and server.

   ○ Every Linux distribution is based on the Bash kernel.

   ⦿ Debian is stable, reliable, and fully open source.

   > ✓ **Correct**
   > Correct. Being the largest community-run distro, Debian has been thoroughly tested and proven.

2. Which layer of the Linux system contains system daemons and shells?   **1 / 1 point**

   ○ Hardware

   ○ Kernel

   ○ Operating system

   ⦿ Application

   > ✓ **Correct**
   > Correct! The application layer includes system daemons, shells, user apps, and tools.

3. Which layer of the Linux system assigns software to users, helps detect errors, and performs file management tasks?   **1 / 1 point**

   ○ Hardware

   ○ Kernel

   ⦿ Operating system

   ○ Application

   > ✓ **Correct**
   > Correct! The operating system controls the jobs and programs that are vital to system health and stability.

4. Which layer of the Linux system is responsible for memory management, process management, device driver management, system calls and security?   **1 / 1 point**

   ○ Hardware

   ⦿ Kernel

   ○ Operating system

   ○ Application

   > ✓ **Correct**
   > Correct! The kernel is responsible for memory management, process management, device driver management, system calls and security.

5. Which of the following is a standard directory in the Linux filesystem?   **1 / 1 point**

   ○ load

   ⦿ bin

   ○ launch

   ○ reboot

   > ✓ **Correct**
   > Correct. Bin is a directory that contains binary files that contain the code your machine reads to run programs and execute commands.

6. Which of the following is a GUI-based text editor?   **1 / 1 point**

   ○ GNU nano

   ○ Vim

   ⦿ gedit

   ○ vi

7. Which of the following path helps you navigate to the user's home directory?

1 / 1 point

- ◉ ~
- ○ \home
- ○ \myhome
- ○ \

8. Complete the following. Packages are:

1 / 1 point

- ○ Backups
- ○ Text editors
- ○ Kernels
- ◉ Archive files

9. Which command can you use to convert package files between deb and RPM formats?

1 / 1 point

- ○ update
- ◉ alien
- ○ apt
- ○ yum

10. Complete the following. An advantage of using a GUI-based package manager such as PackageKit is that:

1 / 1 point

- ○ It works on deb- and RPM-based Linux.
- ○ It always installs all available updates, so users cannot opt to only install specific updates.
- ◉ It automatically checks for updates at configurable intervals.
- ○ It automatically installs new software packages.