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## [Linux Essentials – Chapter 11 Exam Answers 2019 + PDF file](#)

1. What does the acronym RPM mean?
  - Recursive Package Manager
  - **RPM Package Management \***
  - Return Package Management
  - Relocate Package Manager
2. One way to install new software on a Linux system is to use a package management system.  
True or False?
  - **True \***
  - False
3. When you execute the dmesg command, the system displays messages that are generated by the kernel.  
True or False?
  - **True \***
  - False
4. Which of the following are package management commands for distributions with software distributed in files ending in .deb? (choose three)
  - **aptitude \***
  - **dpkg \***
  - rpm
  - **apt-get \***
5. Which of the following are package management commands for distributions with software distributed in files ending in .rpm? (choose three)
  - **rpm \***
  - apt-get
  - **yumex \***
  - **yum \***
6. The Linux kernel mounts the following pseudo-file systems to provide access to information about hardware devices connected to the system: (choose two)
  - /info
  - **/proc \***

- /devices
  - **/sys \***
7. The /proc directory contains a subdirectory for each process present on the system.  
True or False?
- **True \***
  - False
8. The Process ID (PID) of the init process is
- varies
  - 100
  - 0
  - **1 \***
9. The process (ps) command shows only processes running in the current shell by default.  
True or False?
- **True \***
  - False
10. The following system load averages are displayed by the top command: (choose three)
- **5 minute \***
  - **1 minute \***
  - 10 minute
  - **15 minute \***
11. The free command outputs statistics about:
- Software usage
  - **Memory usage \***
  - Disk usage
  - CPU usage
12. What directory typically contains log files?
- /proc/log
  - **/var/log \***
  - /usr/log
  - /log
13. Which log file contains messages regarding authentication and authorization?
- **secure \***
  - messages
  - syslog
  - dmesg

14. All log files contain only text data. True or False?
- True
  - **False \***
15. A load average of 1.0 always means the system is fully loaded. True or False?
- True
  - **False \***
16. A command that will continuously update statistics about running processes:
- head
  - **top \***
  - tail
  - bottom
17. The following are valid Linux option styles: (choose three)
- DOS slash (/)
  - **BSD Unix without a dash \***
  - **Traditional Unix with a single dash (-) \***
  - **GNU long options with two dashes (-) \***
18. Which file contains the information passed to the kernel at boot time?
- **/proc/cmdline \***
  - /proc/kernel
  - /proc/kargs
  - /proc/kopts
19. To make changes permanent for kernel parameter files found under /proc/sys, the following file can have entries added to it:
- /etc/procsys.conf
  - /etc/procctl.conf
  - /etc/sysinfo.conf
  - **/etc/sysctl.conf \***
20. To get a list of all packages installed on a system using RPM Package Management you can execute:
- rpm -ql
  - **rpm -qa \***
  - rpm -qf
  - rpm -qi