

[Updated Constantly]

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[Introduction to Linux I – Chapter 15 Exam Answers 2019 + PDF file](#)

1. Which of the following commands is used to view the summary of CPUs in the system?
 - cpustat
 - more /proc/cpuinfo
 - ls -cpu
 - **lscpu**
2. What is the maximum memory that a 64 bit processor can theoretically use?
 - **16 EiB**
 - 8 GiB
 - 2 GiB
 - 4 GiB
3. Which command is used to view the summary of the RAM and swap space?
 - du
 - lsmem
 - iostat
 - **free**
4. Which of the following is not a characteristic of firmware?
 - Change settings to affect the use of external devices
 - **Change runlevels**
 - Tests the components upon startup
 - Typically stored in ROM
5. Which of the following is not a mass storage device?
 - FireWire
 - SATA drive
 - USB
 - **Thunderbird**
6. Coldplug devices are devices that are connected when the power is off. True or False?
 - **True**
 - False
7. To use “plug and play”, which components must support hotplugging that device?
 - **Device Driver, Interface, Operating System**

- Device, Interface, Operating System, RAM
 - Device Driver, Interface, ROM
 - Device Driver, USB, Operating System
8. Which of the following resources are used by devices to communicate with the system?
- IO Channels, IO Memory, Interrupts and DMA Ports
 - IO Ports, RAM, Interrupts and DMA Channels
 - **IO Ports, IO Memory, Interrupts, and DMA Channels**
 - IO Ports, IO Memory, Signals and DMA Channels
9. Interrupts cannot be shared between devices. True or False?
- True
 - **False**
10. Which of the following commands is used to view the network interface controller connected on the PCI bus?
- lsmod
 - lsusb
 - **lspci**
 - lsnet
11. Which of the following commands is used to view the details of an external drive connected to a USB port?
- **lsusb -v**
 - lsusb-u
 - lspci -u
 - lsmod -u
12. Which option of the lspci command would you use to troubleshoot a network interface card?
- **-nn**
 - -r
 - -t
 - -a
13. The _____ is a kernel module used by the kernel to manage hardware devices.
- Driver
 - Configuration file
 - **Subsystem**
 - Interface
14. Which of the following is not a function of the udev subsystem?

- Create device node when a new device is connected
 - Maintain psuedo filesystem in the /dev directory
 - Remove device node when a device is removed
 - **Maintain log files**
15. **HALD is the abbreviation for:**
- Hardware Abstraction Layer Driver
 - **Hardware Abstraction Layer Daemon**
 - Hardware Availability Layer Daemon
 - Hardware Attribute Layer Daemon
16. **What is the notification mechanism used to inform programs about a change in state of hardware devices?**
- DBUS sends notifications to HALD
 - **HALD uses dbus to send notifications**
 - Programs query HALD directly
 - DBUS forwards queries from programs to HALD
17. **Which of the following is not true about kernel modules?**
- They can be compiled into the kernel itself
 - They are loaded automatically by the kernel
 - They are software to support devices
 - **They are plug and play hardware devices**
18. **The _____ command is used to load a module along with its dependencies.**
- insmod
 - **modprobe**
 - ldmod
 - lsmod