

## Mass Storage Devices Review

1. How much data can be stored on each type of disc?
  - a. Compact Disc (CD)
  - b. Single Sided, Single Layer DVD
  - c. Single Sided, Dual Layer DVD
  - d. Double Sided, Single Layer DVD
  - e. Double Sided, Dual Layer DVD
  - f. Double Sided, Single Layer BD
  - g. Double Sided, Dual Layer BD
2. What file systems are used with the following optical disk:
  - a. Compact Disc (CD)
  - b. Digital Video Disc (DVD)
  - c. Blu-Ray Disc (BD)
3. What is the laser's wavelength and bit etching size for the following discs?
  - a. Compact Disc (CD)
  - b. Digital Video Disc (DVD)
  - c. Blu-Ray Disc (BD)
4. When purchasing a Compact Disk (CD) drive, there are speeds that are indicated as 1x, 2x up to 72x. What is the 1x speed so we can calculate the other faster ones, since 72x is 72 times faster than 1x?
5. What is the data transfer speed of a 48x Compact Disk (CD) drive?
6. What we don't we want to do with an optical disk?
7. What icon will allow the user to turn off their flash drive and safely remove it?
8. A flash drive will plug into what port?
9. Can we recover a deleted file from a deleted file?
10. What type of devices use a flash memory card?
11. Fred is responsible for backing up the files in a small law office on the main computer and also on an external backing for the work done each week. Today he will buy the external drive. In order, what considerations should Fred take in purchasing the external backup drive?
12. When hooking up two DVD drives on the same IDE channel, what will we do?
13. Name the voltage on the power connection on an IDE optical drive.

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14. What are the two black wires on the AT and ATX Molex connectors?
15. External hard drives can use what data transfer systems?
16. We are transferring data from a digital camera that has a 16 GB flash memory card using our USB cable. What is the most common type of digital image file that is transferred?
17. Identify the State mass storage devices as solid state or magnetic.
  - a. Flash memory stick
  - b. Flash memory card
  - c. External SATA hard drive
  - d. External IDE hard drive
  - e. External SCSI hard drive
18. On what side can optical disk be labeled?
19. What type of interface will an internal optical drive have?
20. What type of external backup was common on servers for offsite backup prior to using FTP sites?
21. What is a disadvantage of tape backup system?