**Quiz-2**

**A+**

**Write a short note about:**

1. HDD
2. SSD
3. Optical Drive
4. Hot swappable device
5. Power Supply

**1.** What is the physical component where data is stored in a HDD?  
**A.** Read/write head  
**B.** Platter  
**C.** Sector  
**D.** Cluster  
**2.** Which of the following is not one of the three major components of a hard disk drive system?  
**A.** Drive interface  
**B.** Controller  
**C.** Hard disk  
**D.** Host adapter  
**3.** What is the largest NTFS volume size supported by Windows XP?  
**A.** 256GB  
**B.** 2TB  
**C.** 128TB  
**D.** 256TB  
**4.** Which technology is based on flash memory and is intended to eventually replace conventional  
hard disk drives that have moving discs and other mechanisms?  
**A.** USB flash drives  
**B.** Memory cards  
**C.** Solid-state drives  
**D.** Optical drives  
**5.** What is the formatted capacity of high-density 3 1⁄2g floppy diskettes?  
**A.** 360KB  
**B.** 720KB  
**C.** 1.44MB  
**D.** 2.88MB  
**6.** Which optical disc format supports a data capacity of 25GB?  
**A.** Double-sided, double-layer DVD+R  
**B.** Single-sided, single-layer Blu-ray disc  
**C.** Double-sided, single-layer DVD-R  
**D.** Double-sided, single-layer DVD+R  
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**7.** Which of the following best describes the concept of hot-swappable devices?  
**A.** Power does not need to be turned off before the device is inserted or removed.  
**B.** The device can be removed with power applied after it is properly stopped in the operating system.  
**C.** Care must be taken when swapping the device because it can be hot to the touch.  
**D.** The device can be swapped while still hot, immediately after powering down the system.  
**8.** Of the following voltage pairings, which one accurately represents the input and output,  
respectively, of power supplies and AC adapters?  
**A.** AC in, AC out  
**B.** DC in, DC out  
**C.** AC in, DC out  
**D.** DC in, AC out  
**9.** What are the five output voltages that have been commonly produced by PC power supplies  
over the years? (Choose five.)  
**A.** +3.3VDC  
**B.** –3.3VDC  
**C.** +5VDC  
**D.** –5VDC  
**E.** +12VDC  
**F.** –12VDC  
**G.** +110VAC  
**H.** –110VAC  
**10.** Which of the following statements about power supplies is true?  
**A.** You must make sure the voltage selector switch on the back of the power supply is  
switched to the lower setting if the computer is going to be used in Europe.  
**B.** SATA hard drives most often use the same type of power connector PATA hard drives use.  
**C.** Power supplies supply power to ATX-based motherboards with connectors known  
commonly as P8 and P9.  
**D.** Molex connectors are used with PATA hard drives, while Berg connectors are used  
with floppy drives.