**SECTION 3: Storage Devices**

**Memory Stick**
- **Used in...**
  - Digital cameras
  - Palm Tops
  - Mobile Phones
  - Gaming consoles
  - Small & portable storage media
- **Adv of...**
  - Holds more data than CD and Floppy
  - Easy to steal and lose
  - More expensive than other types of storage (£ per mb)
- **Disadv of...**
  - Uses a card reader to read data on it

**Flash Memory**
- **Used in...**
  - Digital cameras
  - Palm Tops
  - Mobile Phones
  - Small & portable storage media
  - Holds more data than CD and Floppy
- **Adv of...**
  - Easy to steal and lose
  - More expensive than other types of storage (£ per mb)
- **Disadv of...**
  - Uses a card reader to read data on it

**Read Only Memory known as ROM**
- **Used to store BIOS instructions**
- **Adv of...**
  - It is Non-volatile (doesn't lose it's memory)
- **Disadv of...**
  - Has no moving parts

**Random Access Memory known as RAM**
- **Used to store BIOS instructions**
- **Adv of...**
  - It is Volatile (it loses its memory when PC switched off)
- **Disadv of...**
  - Has no moving parts
  - Holds a small amount of bytes
  - Can store 4gb of data in 1 module

**Pen Drive**
- **Used for...**
  - Transferring files from one PC to another
  - Digital cameras
  - Palm Tops
  - Mobile Phones
- **Adv of...**
  - Small & portable storage media
  - Holds more data than DVD
  - Have a durable solid (robust) state design
  - Pen drives have no moving parts
  - Pen drives have greater storage capacity
  - Faster access to data
  - More secure as biometric data can be incorporated
  - Don't need specialist hardware/software for pen drives
- **Disadv of...**
  - Easy to steal and lose
  - More expensive than other types of storage (£ per mb)
  - Most USB pen drives do not include a write-protect mechanism

**Solid-State Medium**
- **Used for...**
  - Gaming consoles
- **Adv of...**
  - Small & portable storage media
  - Holds more data than DVD
  - Faster access to data
  - More secure as biometric data can be incorporated
  - Don’t need specialist hardware/software for pen drives
- **Disadv of...**
  - Easy to steal and lose
  - More expensive than other types of storage (£ per mb)

**Transferring files from one PC to another**
- **Uses...**
  - Have a durable solid (robust) state design
  - Pen drives have no moving parts
  - Pen drives have greater storage capacity
  - Faster access to data
  - More secure as biometric data can be incorporated
  - Don’t need specialist hardware/software for pen drives

**Types of access = Direct/Random**

---

**Title:** SECTION 3: Storage Devices  **Author:** Mr. Yusuf Alert  **Date:** Sep. 10, 2010  **Company:** www.mryusuf.com