**Name :Abdelrahman Talaat Elsaeed Ahmed**

**Section: 4**

1. **List the access method on Memory?**

* **Sequential**
* **Direct**
* **Random**
* **Associative**

**2.Write notes about “Word” on Memory?**

**\*word the natural unit of organization of memory. the size of word equal the number of bits used to represent an integer and the instruction length.**

**3.Write notes about Memory hierarchy?**

**1.in board memory**

**that contains :**

* **Registers .**
* **Cache .**
* **Main memory.**

**2. Out board memory**

* **Magnetic disk**

**3. offline storage**

* **Magnetic tape**

**The device will be fast by**

**1.Decreasing cost per bit .**

**2.Increasing capacity .**

**3.Increasing access time .**

**4.Decreasing frequency of access of the memory by processor .**