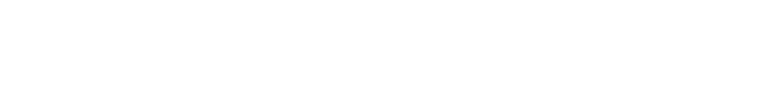


**Computer Organization and Assembly**

**File**



**Yasser Mohamed mamoun**

**Section 8**

**Computer Science**

|  |
| --- |
| **Questions:**   1. **List the access method on Memory?** 2. **Write notes about “Word” on Memory?** 3. **Write notes about Memory hierarchy?**         [1]   * 1. Sequential   2. Direct   3. Random   4. Associative         [2]  **(Word):** The natural unit of organization of memory. the size of word equals the number of bits used to represent an integer and the instruction length. |

[

3

]

**we decided to make Memory hierarchy to be easy to get our needs.**

**So,**

**we find in the top**

**of Memory hierarchy**

in board memory

that contains:

•

Registers

•

Cache

•

Main memory

Out board memory

that contains:

•

Magnetic disk

offline storage

tha

t contains:

•

Magnetic tape

**we get that finally**

**that:**

•

Increasing access time

•

Increasing capacity

•

Decreasing frequency of access of the memory by processor

•

Decreasing cost per bit

