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**Section : 4**

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

Direct - Random - Sequential - Associative

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

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.

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

Inboard memory => 1-Registers -- 2-Cache -- 3-Main memory

Outboard Storage => 1-Magnetic disk -- 2-CD-ROM -- 3-CD-RW

Offline Storage => Magnetic tape -- Then :

1. Decreasing cost per bit -- 2- Increasing capacity --

3-Increasing access time --

4-Decreasing frequency of access of the memory by the processor