**\*List the access method on Memory?**

**Sequential access**

**Direct access**

**Random access**

**Associative**

**\*\*\*\*\*\***

**\*Write notes about “Word” on Memory?**

**Word the \*Natural\* unit of organization of Memory. the size of**

**a word is typically equal to the number of bits used to represent an integer and to the instruction length. unfortunately, there are many exceptions, the cray 90 has a 64-bit word length but used a 46-bit integer representation.**

**\*\*\*\***

**\*Write notes about Memory hierarchy?**

**There is a tradeoff among the 3 key characteristics of memory**

1. **capacity**
2. **access time**
3. **the cost**

**The *variety* of technologies are used to implement memory systems and across this spectrum of technologies.**