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**“sec3”**

**Q1: Write notes about the types of ROM ?**

**Ans:-**

1. mask programmed manufacturing.
2. programmable read-only memory (PROM).
3. Erasable programmable memory (EPROM).
4. Electrically Erasable (EEPROM).

**Q2: The main difference between RAM and ROM is ….**

* **Read / Write**
* **Read Only**
* **No Read / Write**
* **None of the above.**

**Ans:-**

None of the above. ROM Don't Write

**Q3: The size of Memory is depending on**

* **Address lines**
* **Data lines**
* **OR gates**
* **Address lines and Data lines**

**Ans:-**

Address lines

**Q4: True or False**

1. **1 bit = 8 bytes ( )**
2. **16-Byte word = 4 bytes ( )**
3. **32-bit word = 4 bytes**
4. **RAM is able to provide READ / WRITE ( ).**
5. **ROM is programmed and the data is stored based on Hexadecimal system ( ).**
6. **G(giga)=220, it means the number of address lines is 20   
   ( ).**
7. **64K = 216, the address lines is 64.**

**Ans:-**

1.- (**False**) [1 byte = 8 bits].

2.- (**False**). [word =2^k #16-bit word = 2bytes].

3.- (**True**).

4.- (**True**).

5.- (**True**).

6.- (**False**). [Giga =2^30].

7.- (**False**). [ address line is 64 = 2^6 & k=2^10 so (2^6\*2^10=16) address line].