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

### 1- MROM - Mask Read Only Memory

* It contains a pre-programmed set of data or instructions.

### 2- PROM - Programmable Read Only Memory

* Data can be written only once by a user.

### 3- EPROM - Erasable Programmable Read Only Memory

* It has the opportunity to erase the programmed data

### 4- EEPROM - Electrically Erasable and Programmable Read Only Memory

* It is similar to EPROM, but the ways to program and erase are done by exposing it to an electrical charge.

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

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

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

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

**Q4: True or False**

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