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

**1.Read-only memory (ROM):** electronically modified after the manufacture of the memory device

**2.programmable read-only memory (PROM):** can be modified once by a user

**3. Erasable Programmable ROM (EPROM):** can only be read. If exposed to ultraviolet light

**4. Electrically Erasable PROM (EEPROM):** the information stored in it can be erased by exposing it to electrical charge at one byte at a time

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

RAM is able to Read and Write data

ROM can only read data

**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 ( F ).**
6. **G(giga)=220, it means the number of address lines is 20   
   ( F ).**
7. **64K = 216, the address lines is 64. ( T )**