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

**Answer:**

* programmable read-only memory (PROM)
* Erasable programmable memory (EPROM)
* Electrically Erasable (EEPROM)
* Flash-Memory

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

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

**Answer:**

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**

**Answer:**

Address lines

**Q4: True or False**

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

**Answer:**

1- **F**  [1 byte = 8 bits]

2- **F**  [word =2^k #16-bit word = 2bytes]

3-**T**

4- **T**

5- **T**

6- **F** [Giga =2^30]

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