الاسم : ياسر محمود عبد الغنى سكشن : 8

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

* Mask Programmed ROM.

programmed during Manufacturing.

* Programmable Read-Only Memory (PROM).

Blows out fuses to produce '0'.

* Erasable Programmable ROM (EPROM).

Erases all data by *Ultra Violet* exposure.

* Electrically Erasable PROM (EEPROM).

Erases the required data using an electrical signal.

**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 ( x )**
2. **16-Byte word = 4 bytes ( x )**
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 (x)**
6. **G (giga)=220, it means the number of address lines is 20   
   (x)**
7. **64K = 216, the address lines is 64.**  (✓)