Q1: Write notes about the types of ROM ?

- Read only Memory
- Non-Volatile *(does not lose content when power is lost)*
- Stores information permanently
- Small size with less capacity
- ROM is programmed and the data is stored based on Hexadecimal system
- Fast but uses very little power
- Data in ROM can not be modified.
- Types of ROM are PROM, EPROM, EEPROM.

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