

**Assignment: 1**

1. Explain Gray Code
2. Define RTL. Explain how register transfer takes place in basic computer system.
3. What is a bus? Explain three state buffer.
4. What is computer organization? Explain
5. Explain how complement number system is useful in computer systems. Discuss any one complement number system with example.
6. Explain instruction cycle with flow chart
7. Explain control unit of basic computer.
8. Explain the common bus system.