1. Represent (8620)10 in i) Binary ii) Excess-3 code
2. What is gray code?
3. Representation of data in Computer
4. Register Transfer Logic
5. Register Transfer Language
6. What is Bus? Explain wit Multiplexer and Tri-state Buffer
7. Memory Transfer
8. Micro Operations: Arithmetic, Logic, Shift
9. Arithmetic Logic Unit (ALU)
10. Basic Structure of CPU
11. Von Neumann Machine
12. Instruction Cycle
13. Processor Unit
14. Status Register
15. Structure of Computer