Logic Gates

Q1. Explain Different type of flipflop:
   a) R-S Flip-Flop
   b) D- Flip Flop
   c) J-K Flip-Flop

Q2. Explain the working of 4-Bit Binary Counter and Decade Counter with help of diagram and Timing Diagram.

Functional hardware of PC

Q1. Write different between software and hardware

Q2. Difference between Data Bus Width and Address Bus?

Q3. Explain the following.
   a) Ram
   b) Rom
   c) Eprom

Q4. Write a short Note on System Buses.

Q5. What do you mean controller? Give suitable example.

Q6. Explain different type of non-volatile memories.

Peripheral Device

Q1. List any four input and output devices?

Q2. Write advantages and disadvantages of Laser Printer.

Q3. Explain difference between Keyboard and Mouse.

Q4 Explain Modems with block diagram?

Q5. What is multimedia and sound card? Write their applications.