Digital Logic System
Assignment 1

1. Explain major building blocks of a digital computer with block diagram.
2. What is mainframe computer? Explain its application.
3. What is super computer? Explain its application.
4. Explain working principle of cpu.
5. Differentiate primary and secondary memory.
6. Differentiate between SRAM and DRAM.
7. What is cache memory? Why it is essential in computer system?
8. What is Operating system? Explain function of Operating System.
9. Differentiate between CUI and GUI with examples.
10. Differentiate between real time & time sharing operating system.
11. Differentiate between multiprogramming & multiprocessing with example.
12. What is printer? Explain types of printer.
13. Differentiate between printer and plotter.
14. What is voice recognition system? Explain with example.
15. What is vision based devices? Explain with examples.
16. What is computer network? Explain its types on the basics of its geographical location .
17. What is network topology? Explain different types of network topology with list

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