1. Write a detailed note on instruction cycle with neat diagrams.

4. Draw and explain flowchart for interrupt cycle.

5. For the basic computer explain following instructions

* BUN
* BSA
* CIL
* SZE

6. Explain how Input/Output can be performed using interrupts.

7. State the differences between hardwired control and microprogrammed control

11. Explain Direct and Indirect Addressing.

12. Give an example of register transfer of data through accumulator.

13. What is Interrupt? How it is useful for a system?

14. Explain CLA, ISZ, INP instruction.

15. Explain seven register common bus system

17. What is a Program Counter?

18. What is an Accumulator?

19. What is an Instruction Register?