

SECTION-B

2. Explain the various types of microprocessors based on architecture.
3. Draw the architecture of 8086 microprocessor.
4. What do you understand by Subroutine? Also explain nesting.
5. Explain in detail the various types of registers present in 8085 microprocessor.
6. Write the instructions to load 65H in register C and 92H in accumulator A. Display the number 65H at port 0 and 92H at port 1.

SECTION-C

7. Draw and explain the timing diagram for execution of IN and OUT instruction in 8085 microprocessor.
8. Explain the architecture and pin diagram of 8085 microprocessor.
9. What is 8255 programmable peripheral interface? Show the interfacing of following :
 - a. Seven Segment LED
 - b. Keyboard