

SECTION-B

2. Give the classification of microprocessors based on architecture.
3. Draw the architecture of 8085 microprocessor.
4. Explain the various interrupts present in 8085 microprocessor. Also mention their priorities.
5. List the various addressing modes present in 8085 microprocessor.
6. Write a programme for BCD to Binary conversion of four bit data.

SECTION-C

7. Explain 8255 programmable peripheral interfaces. Also show the interfacing of following:
 - a) Keyboard
 - b) Seven segment LED
8. Explain the architecture and pin diagram of 8086 microprocessor.
9. Draw and explain the timing diagram of memory read and write instruction machine cycle.