

SECTION-B

- II. Explain the control and status signal of 8085.
- III. Specify the contents of the registers and the flag status as the following instructions are executed :

MVI A, 00H

MVI B, F8H

MOV C, A

MOV D, B

HLT

- IV. Explain in detail interfacing of keyboards with 8085 microprocessor.
- V. Write short notes on Motorola 68000.
- VI. Describe the use of 8251 I/O processor.

SECTION-C

- VII. Describe in detail the construction and working of Microprocessor Controlled Temperature System (MCtTS).
- VIII. List and explain the operating modes of the 8255 Programmable Peripheral Interface.
- IX. Describe interrupt initiated and DMA data transfer modes.