

(2)

- (b) Explain the Data bus and Address bus used in 8085.
3. What are Addressing modes used in Microprocessor 8085 ? Explain briefly.
4. Explain the various types of high-level languages used in Microprocessor 8085.
5. What is ADC 800 ? Explain Interfacing of A/D converter ADC 800.
6. What do you mean by program design methodology ? Explain flow chart, looping and counting.
7. (a) What is Microprocessor based Traffic Control ?
- (b) Explain debugging counter.
8. (a) Explain Arithmetic and Logical group used in Microprocessor 8085.
- (b) What are assembler and compiler ?
9. (a) Sketch the pin diagram of 8085.
- (b) Discuss the main features of DAC 808.

(3)

10. Explain any **two** of the following :

- (a) 7-Segment LED display
 - (b) Microprocessor based Information System
 - (c) Registers of 8085
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