Set A

1. Explain the Internal Architecture of 8085A microprocessor with necessary block diagram. (10 marks)
2. Write briefly about the evolution of microprocessor (Intel microprocessor). (5 marks)
3. Explain with examples about the various types of addressing modes of 8085A microprocessor.

Set B

1. Classify the instructions of 8085A microprocessor and explain about arithmetic group of instruction with examples. (10 marks)
2. Explain about various types of interrupts of 8085A microprocessor. (5 marks)
3. Write briefly about the generation of computer. (5 marks)

Set C

1. What is SPC? Explain about the Von-Neumann and Harvard architecture with necessary block diagram. (10 marks)
2. What are various types of instruction format? Explain with examples. (5 marks)
3. Explain briefly about the various types of IC technology. (5 marks)