

Answer any two question .Each one has equal marks.

1. (a) Explain the digital Computer with block diagram ? Explain Arithmetic and Logic Unit with purpose?
(b) What is the difference between Primary and Secondary Memory Unit ? Illustrate the different types of memory you know?
2. (a) What is Semiconductor ? What are the different types of Semiconductor ? Illustrate it?
(b) What is diode ? Illustrate the different type of diode ?
3. Define with example ?
(a) (i) Registers (ii) Combinational & Sequential Circuit (iii) R-S, D, J.K. and T Flip flop
(b) Briefly describe the software model of 8085.
4. (a) Briefly describe the functions of the following pins of 8085
SID, SOD, RIM, SIM and INTA
(b) Write and assembly language program to subtract two numbers placed at memory location 200A and 200B by 2's Compliment arithmetic.