



- 6 a. Explain with neat diagram, the internal architecture of 8087 arithmetic coprocessor. (10 Marks)
- b. Explain with example the following instructions: i) FLD ii) FST iii) FISTP. (06 Marks)
- c. Give the TAG register of 80 × 87 coprocessor. (04 Marks)
- 7 a. Describe with schematic, the minimum mode operation of 8086 processor. (10 Marks)
- b. Explain how 8284 clock generator is connected to 8086 or 8088 microprocessor for the clock and reset signals. (10 Marks)
- 8 a. Describe in brief, the descriptor tables of 80386 and 80286. (10 Marks)
- b. Explain the memory system of 80386 microprocessor. (06 Marks)
- c. Compare 8086, 80286, 80386 and Pentium processors. (04 Marks)

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