

**Unit2**

- 1) Explain 8085 Mp Architecture (6mks)
- 2) Explain 8085 PIN diagram(6mks)
- 3) 8085 addressing modes explain with example (6mks)
- 4) 8085 Instruction set explain with example program(6mks)
- 5) Comparison of RISC and CISC processor (3mks)
- 6) Classification of 8085 instructions based on bytes (3mks)
- 7) Program using 8085 instruction (4mks)

**Unit 4**

- 1) FAT and FAT table layout? (4mks)
- 2) Hard disk interface and Classification of HDD interfaces? (6mks)

**Unit 5**

- 1) Explain following type of maintenance
  - Preventive 2mks
  - Corrective 2mks
  - Periodic 2mks
- 2) Explain Diagnostic tools for PC Maintenance.4mks
- 3) Explain System utilities for maintaining PC .4mks
- 4) Explain problems arise related to following components
  - (i) Motherboard 2mks
  - (ii) CPU 2mks
  - (iii) Input/output devices 2mks
- 5) Explain storage device management utilities for PC 3mks
- 6) Explain File management utilities for PC maintenance 3mks

**Unit 6**

- 1) What is Linear PS? 3mks
- 2) What is SMPS? 3mks
- 3) What is UPS? 3mks
- 4) What are different types of UPS? 3mks
- 5) Major functions of SMPS? 3mks
- 6) Advantages and disadvantages of SMPS? 3mks
- 7) Advantages and disadvantages of UPS? 3mks
- 8) Comparison of Linear PS and SMPS 4mks
- 9) Explain the need of earthing? 3mks
- 10) What are the considerations of Power line in power supply? 3mks
- 11) What are factors affecting PC operations? 4mks

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