

Diploma in Engineering
Diploma in Computer Science and Engineering
ETE - Jun 2024

Time : 3 Hours

Marks : 100

Sem IV - N1DF403B - Microprocessor and Its Application

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

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| 1. | Summarize 8085 microprocessor by its advantages & disadvantages. | K2 CO1 (5) |
| 2. | Explain features of 8085 microprocessor. | K2 CO1 (5) |
| 3. | Classify memory. | K2 CO2 (5) |
| 4. | Summarize generation of microprocessor with examples. | K2 CO2 (10) |
| 5. | Illustrate the features of 8086 microprocessor. | K3 CO3 (10) |
| 6. | Demonstrate the differences of minimum & maximum mode. | K3 CO3 (10) |
| 7) | Categorize the types of 8086 microprocessor interfacing. | K4 CO4 (10) |

OR

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| | Correlate interfacing of the 8086 microprocessor. | K4 CO4 (10) |
| 8. | Construct by instruction set different types of addressing modes of 8086 microprocessor. | K4 CO4 (15) |
| 9. | Reframe all the instructions of 8051 microcontroller & construction different addressing modes of 8051 microcontroller. Also explain each addressing mode with example. | K5 CO5 (15) |
| 10) | Priority be given by highlighting all the features of 8051 microcontroller. | K5 CO5 (15) |

OR

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| | Reframe all the blocks of 8086 microprocessor & construct 8051 architecture then explain it in detail. | K5 CO5 (15) |
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