Roll No. ....   Total Pages : 2

BT-6/M-20   **36157**

INTRODUCTION TO MICRO CONTROLLER
Paper–IT-308 N

Time : Three Hours]   [Maximum Marks : 75

Note : Attempt *five* questions in all, and select atleast *one* question from each unit.

UNIT–I

1. What are microcontrollers and describe its classification in detail with example ?   15

2. Explain different types of flags of :

(a) 8051   7

(b) Explain Block diagram of 8051 micro controller.   8

UNIT–II

3. Explain 8051 Data transfer instructions with example.   15

4. Write a program in C to explain the 8051 instructions.   15

UNIT–III

5. What are external memory Interfacing ? Explain with example.   15

6. What do you mean by times programming ? Explain 8051 timer programming. 15

UNIT–IV

7. Explain interfacing of micro controller with stepper motor.

15

8. Explain D/A and sensor interfacing. 15

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