Course Code: PHS 2473   **Time: 3 hr**

Course Title: Microcontroller and Programming   **Max.Mark: 75**

Part – A

Answer any five of the following questions   **5 X 15 = 75**

1**.** Discuss the different types of Microcontrollers

2. Explain the 8051 Processor architecture

3. Describe the types of addressing modes

4. Explain Bit operators and Bit manipulation instructions.

5. Draw the pin diagram of 8051 Microcontroller and also explain in detail.

6. Write a program to multiplication and division using MUL and DIV instructions.

7. Write a program to convert decimal number to hexadecimal.

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