



Muzaffarpur Institute of Technology (MIT), Muzaffarpur

(Under the Department of Science & Technology Govt. of Bihar, Patna)

Department of Electronics and Communication

B.Tech 5th Semester Weekly Exam - 2, 2018

MICROCONTROLLER

1. Show the status of the CY, AC and P flag after the addition of 38H and 2FH in the following instructions.
MOV A, #38H
ADD A, #2FH
2. Describe the Ram allocation of 8051?
3. Show the stack and stack pointer from the following. Assume the default stack area.
MOV R6, #25H
MOV R1, #12H
MOV R4, #0F3H
PUSH 6
PUSH 1
PUSH 4
4. Write a programme to add two 16 bit numbers?