Chandigarh Engineering College- CGC, Landran, Mohali

Department of Electronics and Communication Engineering

Assignment No.1 **Max. Marks: 10**

Subject and code : Microprocessor and Microcontroller, BTEC-402-18

Semester: 4th

Date on which assignment is given: 20/02/2023

Date of submission of assignment: 27/02/2023

Course Outcomes:

1. Understand architecture &functionalities of different building block of 8085 microprocessor.
2. Understand working of different building blocks of 8051 microcontroller.
3. Comprehend and apply programming aspects of 8051 microcontroller.
4. Interface & interact with different peripherals and devices.

Bloom's Taxonomy Levels

L1 – Remembering, L2 – Understanding, L3 – Applying, L4 – Analyzing, L5 – Evaluating, L6 - Creating

S. No.	Questions	Marks	Relevance to CO	Blooms level
1.	Examine the architecture of 8085 in detail.	2	CO1	L4
2.	How control signals are generated in 8085? Explain with example.	2	CO1	L1
3.	Write a program to find the maximum number out of the five numbers stored in contiguous memory locations from 2100H to 2104H and store this number at location 2105H.	2	CO1	L2
4.	Discuss the various addressing modes of 8085.	2	CO1	L6
5.	Differentiate Microprocessor and Microcontroller.	2	CO2	L4