

S. B. Roll. No.....

MICROPROCESSORS
4th Exam/ECE/2595/Jun'2021
(For 2018 Batch Onwards)

Duration: 1.15Hrs.

M.Marks:25

SECTION-A

Q1. Attempt any three questions.

3x5=15

- i. Draw block diagram of Bus structure of 8085 microprocessor.
- ii. Explain the Addressing mode of 8085 microprocessor.
- iii. Explain the status flag of 8085 microprocessor
- iv. What is the interrupt? And explain the different type of interrupt.
- v. Write a short note on 8257 DMA controller.
- vi. Describe the instruction cycles, machine cycles and Fetch cycles.
- vii. Write down the steps to execute a stored Programme?

SECTION-B

Q2. Attempt any one question.

1x10=10

- a. Explain and draw the neat and clean block diagram of 8085 microprocessor
- b. Write the different group of instruction of 8085 microprocessor.
- c. Explain the memory mapped I/O and I/O mapped I/O schemes.
- d. Draw and explain block diagram of 879.