

S.B. Roll No.....

MICROPROCESSORS
4th Exam/ECE/2595/Jan'2022
(FOR 2018 BATCH ONWARDS)

Duration: 1.15Hrs.

M.Marks:25

SECTION-A

Q1. Attempt any three questions.

3x5=15

- i. Discuss the evolution of microprocessor.
- ii. Define address bus, data bus and control bus of 8085.
- iii. Differentiate static and dynamic RAM.
- iv. What is stack and also write its function.
- v. Explain SIM instruction.
- vi. Describe the software interrupts.
- vii. What is 8257 called? Briefly explain its working.

SECTION-B

Q2. Attempt any one question.

1x10=10

- a. Explain the pin detail of 8085 and related signals.
- b. Explain any five arithmetic instructions.
- c. Explain the various hardware interrupts of 8085.
- d. Discuss the operation of 8251 Communication Interface Adapter.