

M.Sc. DEGREE EXAMINATION, EVEN SEMESTER 2021
II Year IV Semester
Microprocessor 8086 and Micro controller 8051

Max.marks :25

Answer any **FIVE** questions ($5 \times 5 = 25$) Marks

1. State any five salient features of 8255-PPI.
2. Sketch the architectural diagram of 8086 microprocessor.
3. Describe any two of the addressing modes of 8086.
4. Write an assembly language program to add eight bit numbers using 8051.
5. Explain how external memories can be interfaced to 8051 microcontroller.
6. Draw and label the block diagram of 8254, programmable interval timer.
7. Discuss the interfacing 8051 with ADC.