**Sessional Examination 2020**

**Class: 4th Semester (M)**

**Paper: ECM 401**

**Time: 1hour Full marks: 15**

1. Answer the following questions: 1×3=3

1. The clock frequency of 8085 is----------------
2. The 8085 has --------------number of flags
3. LXI H, XXXX is a \_\_\_\_\_\_\_\_\_\_byte instruction.

2. Answer the following questions: 2×3=6

(a) Define opcode and operand.

(b)What are the various registers of 8085?

(c) Name the hardware Interrupt in 8085.

3. Write an assembly language program to find2’s complement of a 8 bit number. 3

4. Explain briefly the various addressing modes of 8085. 3

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