

CODE: **192605**
NOVEMBER 2020

TIME: 3Hrs
MAX. MARKS : 50
(10 x 2=20)

PART A
Answer any **TEN** questions

1. What is memory read and memory write?
2. Write the 2's complement of binary number 10010.
3. How many control lines are used in BUS?
4. State the differentiate between RISC and CISC.
5. What is absolute addressing mode?
6. Write the basic components of microprocessor,
7. What are the functions of control unit in 8085?
8. What are the Advantages of Binary Code?
9. Give example for Binary to BCD Conversion
10. What are the disadvantages of BCD Codes
11. What are the primary functions of Interrupt?
12. List out the different types of H/W Interrupt.

PART B
Answer any **TWO** questions

(2 x 5=10)

13. What's difference between 1's Complement and 2's Complement? Give example.
14. Discuss in detail of fixed point representation.
15. Explain the General register organization.
16. What are addressing mode used in 8085 microprocessor? Explain
17. Explain Instruction Set Classification of 8085 Microprocessor.
18. Discuss the various operation of 8085 Microprocessor.
19. Discuss the Binary to ASCII conversation with example.
20. Explain the 8085 Vectored Interrupts

PART C
Answer any **TWO** questions

(2x10=20)

21. Explain the Bus system for four registers.
22. Discuss the register and memory stack organization
23. Explain the 8085 Architecture with block diagram.
24. Write the procedure for addition and subtraction for 2-BCD numbers
25. Draw the block diagram for DMA and write its function.
