DECEMBER 2022 **U/ID 46506/UCC3B**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions

1. Define Microprocessor.
2. What do you mean by Address bus?
3. Mention the categories of Instructions.
4. What are the Assembler directives.
5. What is Counter?
6. What is CALL Instructors?
7. How to convert BCD to HEX?
8. What is ASCII?
9. What is DMA Memory?
10. Define ROM.
11. What is Interface?
12. What is Software Interrupt?

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions

13. Write short notes on the Applications of Microcomputer.

14. What is Assembly Language program techniques.

15. Explain conditional CALL Instructions.

16. How to Convert ASCII to Binary conversions with Examples.

17. What is the use of Subroutines.

18. How to debug time delay program.

19. Explain the 8085 Multiple Interrupts with examples.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions

20. Explain the various 8085 Microprocessors Operations.

21. Explain Looping techniques and Logical operations.

22. Explain the use of TEST and WAIT Instructions.

23. Explain the Implementation of Interrupts with examples.

24. Explain DMA Interface with examples.

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