SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN (AUTONOMOUS)
(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai — 600 044.
B.Sc. END SEMESTER EXAMINATIONS APRIL-2022
SEMESTER - IV
20UCSCT4004 - Microprocessor and its Applications

Total Duration : 3 Hrs.   **Total Marks : 60**

Section A

Answer any **SIX** questions $(6 \times 5 = 30$ Marks$)$

1. Write short notes on 8085 Instruction set.

2. Explain about Data transfer instructions.

3. What is Dynamic debugging? Explain.

4. Briefly discuss Modulo 10 Counter.

5. Write short notes on Stack and subroutine

6. Explain about Binary to BCD conversions.

7. What is Interrupt? Explain 8085 Interrupts.

8. Discuss about I/O Interface.

Section B

Answer any **THREE** questions $(3 \times 10 = 30$ Marks$)$

9. Explain 8085 Microprocessor Architecture and its operations.

10. Discuss about the Programming techniques with example.

11. Explain about Debugging counter and time delay program.

12. Write short notes on BCD Arithmetic Operations .

13. Discuss about Direct Memory Access (DMA).

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