THE AMERICAN COLLEGE, MADURAI

(An Autonomous Institution Affiliated to Madurai Kamaraj University)

Re-accredited (2nd Cycle) by NAAC with Grade "A", CGPA – 3.46 on a 4-point scale

Backlog Arrear Examination, March 2021

COURSE CODE: COS 2474 **MARKS : 75**

COURSE TITLE: Fundamentals of Microprocessor **TIME : 3 HRS**

PART - A

Answer any FIVE Questions **5 x 15 = 75**

1. Explain in detail about the architecture and working of microprocessor based system.
2. Elaborate the evolution of microprocessor.
3. Briefly explain the internal architecture of 8086 microprocessor.
4. Discuss the registers that are used by the Microprocessor.
5. Describe the addressing modes of 8086 microprocessor with suitable example.
6. Give a brief note about the various types of instruction set in 8086 microprocessor.
7. Explain the functional pin diagram of 8086 microprocessor.

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