



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 1485/1476

Time: 3Hr

COURSE TITLE: SYSTEM SOFTWARE

Marks: 75

PART-A

Answer any FIVE questions:

5X15=75

1. Discuss in detail about SIC/XE machine.
2. Explain in detail about Pentium Pro Architecture.
3. Explain the following:
 - a) Assembler algorithm and data structure(7 marks)
 - b) Machine-dependent Assembler features.(8 marks)
4. Discuss the steps of Multi Pass assembler with implementation.
5. Demonstrate dynamic linking with examples.
6. Classify Compiler and its phases with suitable diagram.
7. Identify the following:
 - a) Text editors and its advantages with diagram. (8 marks)
 - b) Interpreter and categorize its advantages. (7 marks)
