



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: CMC 3537

COURSE TITLE: SOFTWARE ENGINEERING

Time: 3Hr

MARKS:75

PART -A

Answer Any FIVE Questions:

5X15=75

1. Discuss in detail about software development life-cycle.
2. Clarify Quality and Productivity Factors.
3. Describe in detail about elements of the requirements model.
4. Clarify Architectural styles with neat diagram.
5. What is component level design and explain in detail?
6. Explain the following:
 - i) Sequence diagram (5 marks)
 - ii) Collaboration diagram (5 marks)
 - iii) Use case diagram (5 marks)
7. Elucidate the strategic approaches of software testing