



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 2585

Course Title: OPERATING SYSTEMS

Time: 3 Hrs

Max: 75 Marks

PART A

Answer any FIVE questions:

5* 15 = 75

1. Explain the various types of operating systems
2. a) Discuss about Process in operating systems. (8)
b) What are semaphores. Explain it. (7)
3. Explain CPU Scheduling algorithms in detail.
4. What is deadlock. How deadlock can be avoided
5. a) Discuss RAID structure (7)
b) What do you mean by System calls and its types (8)
6. Explain about File System Structures and its access methods
7. What is Continuous memory allocation. Brief about paging in OS.
