



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

PGM 4423

Programming in C

Max Marks: 75

Time: 3 Hrs.

PART A

Answer any FIVE questions:

(5 x 15 = 75)

1. Discuss the various types of operators in C language.
2. Explain about the decision making and branching statement with examples.
3. Explain four library functions with an example.
4. (i) Explain about pointer arithmetic with example.
(ii) Write a C program to find the sum of digits of the given number.
5. What is recursion? Write a program to find N! Using recursion.
6. Describe in detail about pointers.
7. (i) Explain one dimensional array in detail with suitable example.
(ii) Write a C program to add two matrices.
