



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

MAT 335
COMPUTER PROGRAMMING

Marks: 75
Time: 3 Hrs

Answer any FIVE questions

5x15=75

1. (a) Write down the syntax of FOR-NEXT statement in BASIC.
(b) Write a BASIC program to generate the list of prime numbers between 100 and 1000.
2. (a) Write a BASIC program to find whether the given number is perfect or not.
(b) Write any BASIC program to find whether the given number is odd or even.
3. Write down the syntax and explain the following
 - a) LEFT\$
 - b) RIGHT\$
 - c) SPACE\$
 - d) VAL
 - e) STR\$
4. Write down the syntax of computed GOTO statement and hence write a FORTRAN program solve the given quadratic equations.
5. Explain about different types of BASIC files. Write a BASIC program to create students biodata.
6. Explain about FORTRAN ARRAY statements. Also write a program to find the addition of two given matrices of same order.
7. Write a FORTRAN program to find matrix multiplication.
