



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: MCA 5425/5403

Time: 3 hours

Course Title: Programming in java

Max. Marks: 75

Answer any five questions

(5 × 15 = 75)

1. Discuss about the different types of inheritances supported by java with example.
2. Explain in detail about constructors and constructor overloading with suitable programs.
3. Describe AWT package and explain any six AWT controls with example program.
4. Explain the various layout managers supported by Java swing with suitable example.
5. Write in detail about the following :
 - a) InetAddress class (3 Marks)
 - b) Socket Programming (6 Marks)
 - c) JDBC connectivity. (5 Marks)
6. a) Write in detail about Java Foundation class.
b) Write an applet program to display a smiley and our national flag.
7. Explain the steps to establish the connection and execute the query with suitable program.
