



# THE AMERICAN COLLEGE, MADURAI

(An Autonomous Institution Affiliated to Madurai Kamaraj University)

Re-accredited (2<sup>nd</sup> Cycle) by NAAC with Grade "A", CGPA – 3.46 on a 4-point scale

## Backlog Arrear Examination, March 2021

**Course Code: BIT 1502**

**Time: 3 hours**

**Course Title: C++ Programming**

**Max. Marks: 75**

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**Answer any five questions**

**(5\*15=75 marks)**

1. Write short note on Object oriented programming concepts and its applications.
2. Discuss in detail on the types of constructor with example programs.
3. Explain any three types of inheritance with suitable example program for each.
4. State the Unformatted I/O Operations of C++ streams with suitable example programs.
5. Describe the method to handle the exceptions in C++.
6. Write a C++ program to calculate sum of real and imaginary values by overloading the constructor.
7. List the formatted console I/O operations. Describe the width() and precision() functions in detail.