ANNAI VIOLET ARTS AND SCIENCE COLLEGE
DEPARTMENT OF COMPUTER SCIENCE

CONTINUOUS INTERNAL ASSESSMENT – I (EVEN SEM.)
SUBJECT : JAVA AND DATA STRUCTURES

Class : II B.Sc. Computer Science   Date : 05.09.2022-FN
Max.Marks : 50   Sub. Code: SE23A

PART A (5 × 2 = 10 Marks)
Answer any FIVE questions

1. What is class? Define its structure.
2. Define conditional operator.
3. Define encapsulation.
4. Write a java program to print "Hello World".
5. What is encapsulation?
6. Define : Static
7. Differentiate array and class.

PART B – (2 × 5 = 10 Marks)
Answer any TWO questions

8. Briefly explain control statements in java
9. What is method overloading? Explain it.
10. Explain arrays and its types with suitable example

PART C – (3 × 10 = 30 Marks)
Answer ALL questions

11. Explain different type of operators used in java
12. Explain constructor with suitable examples
13. Explain the following
    (a) Typecasting and Conversion with example
    (b) OOPs Concepts in java

Prepared by
Mrs. R. Catherin Ida Shylu
Asst.Prof.