DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS & SCIENCE FOR WOMEN (AUTONOMOUS)

(For Candidates admitted from 2019-2020 onwards)

bsi.

UG DEGREE EXAMINATIONS -APRIL 2021

PROGRAMMING IN C++

Time: 2 Hrs   Max.Marks: 45

PART - A

CHOOSE THE CORRECT ANSWER   (6X2=12)

1. Define identifier.

2. Define Tokens.

3. Write the syntax for class with an example?

4. Define Array.

5. List different forms of inheritance.

6. What are the general functions used for file handling?

PART - B

ANSWER ALL THE QUESTIONS   (3X4=12)

7. a) List down the benefits of OOPS.

(OR)

b) Discuss about data types in C++

8. a) Discuss in detail about constructor with example.

(OR)

b) Summarize Inline function with a example program.

9. a) Explain in detail function overloading with example.

(OR)

b) Write a C++ program to demonstrate get () and put () functions.

PART - C

ANSWER ANY THREE QUESTIONS   (3X7= 21)

10. Explain the basic concepts of Object oriented programming.

11. Explain control structures in C++.

12. Illustrate the working of virtual functions.

13. Illustrate the implementation of pointers.

14. Elucidate on the concept of Files in C++.