# LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

**B.C.A.** DEGREE EXAMINATION – **COMPUTER APPLICATIONS**

FIFTH SEMESTER – **APRIL 2022**

## UCA 5503 – VISUAL PROGRAMMING

Date: 15-06-2022     Dept. No.                     Max. : 100 Marks
Time: 09:00 AM - 12:00 NOON

## PART – A

**Q. No Answer ALL questions**                                          **(10x 2 = 20 Marks)**

1    What is the purpose of CLR?

2    Differentiate Check box control with Radio Button Control.

3    Give the syntax of FOR EACH statement in C#.

4    What is the use of Preserve keyword in C#?

5    State the purpose of Jagged Array.

6    What is Structure?

7    Define Dataset.

8    What are the Command class methods in ADO.NET?

9    What are the different attributes of the connection string in ASP.NET?

10   Give any two properties of Text Box Control.

## PART – B

**Answer ALL the questions:**                                          **(5 x 8 = 40 Marks)**

11   (a)Explain about the basic data types supported in C# with an example.
**(Or)**
(b)Write short notes on Method overloading.

12   (a)Explain about the implementation of Multiple inheritance in C#.

**(Or)**
(b) Write short notes on Multidimensional arrays.

13   (a)Explain Exception handling in C# with suitable example.
**(Or)**
(b) Illustrate with an example to create students record using Structure.

14   (a)  Write short notes on Data binding.
**(Or)**
(b) List out and explain file I/O classes in C#.

15   (a) Explain in detail about any two ASP.NET web form controls with example code.
**(Or)**

(b) Compare ASP and ASP.NET.

## PART – C

**Answer any TWO questions:** **(2 x 20 = 40 Marks)**

16. (a)Explain about .NET framework architecture with a neat diagram.

    (b) List out and explain any two types of Operators in C# with examples.

17. (a)Discuss about any five String handling functions with suitable examples.

    (b) Write a code to create, copy and move the files in C# and explain the same in detail.

18. (a) What is Validation Control? Explain any four validator controls and its properties with suitable example.
    (b) Discuss about the ExecuteNonQuery () method with suitable example.

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