LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc.& B.C.A.DEGREE EXAMINATION –**COMPUTER SCIENCE& APPLICATION**

FIFTH SEMESTER – **APRIL 2019**

CS/CA 5508– C# PROGRAMMING WITH ASP .NET

Date: 22-04-2019   Dept. No.   Max. : 100 Marks
Time: 09:00-12:00

PART –A

Answer all the questions: **(10 x 2 = 20)**

1. What is the relationship of C# and .Net?

2. Differentiate Value types and reference types.

3. What are toples?

4. Define Multiple Inheritances in C#.

5. Define Regular expression.

6. What are the properties of String Classes?

7. What is the use of Data Reader?

8. Define Dataset Class.

9. What is IsPostBack?

10. What is ASP.NET?

PART-B

Answer all the Questions   **(5 x 8 = 40)**

11. a) Discuss the Characteristics of C# .

(OR)

b) Explain .NET framework Classes.

12. a) What is a jagged array? Explain its use with simple example.

(OR)

b) Explain operator overloading in C#

13. a) Write short notes on string builder functions with Example.

(OR)

b) Explain with an example how 'Divide by Zero' exception is handled in C#.

14. a) Explain properties of thread class with an example.

(OR)

b) Compare the features of ADO with ADO.NET.

15. a) Write short notes on standard controls

(OR)

b) Explain the difference between ASP and ASP.NET

PART- C

Answer any TWO Questions (2 x 20 = 40)

16. a) Explain .NET framework architecture.

b) Explain Implementation of inheritance with an example.

17. a) Explain exception handling mechanisms and List the predefined exceptions in C#.

b) Explain the types of arrays in C# with example.

18. a) Write a program using ADO.NET to Save, delete and update records for student Database.

b) Explain about managing file system in detail.

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