



**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**

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

**FIFTH SEMESTER – NOVEMBER 2016**

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

Date: 01-11-2016

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

**PART – A**

**Answer ALL the Questions**

**(10 x 2 = 20 marks)**

1. Give any for predefined data types in c#.
2. What is Enumeration? Give an example.
3. Define Generic class.
4. Give the types of operators in C#.
5. Give any four methods in Queue Collection.
6. Write any four exceptions in C#.
7. Give the advantages of Threading.
8. What is Dataset?
9. Give any two differences between ASP and ASP.NET.
10. State the purpose of AutoPostBack.

**PART - B**

**Answer ALL the Questions**

**(5 x 8 = 40 marks)**

11. Write the difference between structs and classes in C#.

(or)

Define Assembly. Write short notes on .NET Assemblies.

12. Write a C# code to explain Interface Inheritance.

(or)

Define Operator Overloading. How objects are compared for equality in C#.

13. Explain any four String handling functions with an example.

(or)

Write short notes on Standard Query Operators.

14. Write a C# code to read and write data in to a file.

(or)

What is a Connection Provider? Discuss about its Types.

15. Explain any four ASP.NET controls.

(or)

Write the code to bind columns in a table to a List box control.

**PART – C**

**Answer Any TWO Questions**

**(2 x 20 = 40 marks)**

16. (a) Discuss about the architecture of .NET.  
(b) Explain the types of Arrays in C# with example.
17. (a) (i) Define LINQ. Give its syntax and explain the same. Write a LINQ.  
(ii) Which returns the square root of the positive values in an array of numbers?  
(b) Define Connection String. Discuss about the various commands to connect to a Database and retrieve the data from a table.
18. (a) Write short notes on Manipulating XML.  
(b) Write a C# code to create your own exception for divide by zero error.

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