



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

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

**FIFTH SEMESTER – NOVEMBER 2017**

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

Date: 01-11-2017

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

**PART - A**

**Answer ALL the Questions**

**(10 X 2 = 20 Marks)**

1. Write about the CLR.
2. What is Variable Scope?
3. What is Generics?
4. How array class is defined?
5. Define Stack.
6. What is User Defined Exception?
7. Difference between Recordset and Dataset.
8. What is the purpose of Data Reader?
9. Define Data binding.
10. List the standard controls in windows Forms.

**PART - B**

**Answer ALL the Questions**

**(5 X 8 = 40 Marks)**

11. a) Explain briefly about the objects and its types.  
(OR)  
b) Explain the fundamental datatypes in c#.
12. a) What is Inheritance? Mention its types.  
(OR)  
b) Explain Jagged Arrays with an example.
13. a) Explain about the Standard Query Operators in C#.  
(OR)  
b) Discuss about Exceptions handling
14. a) Explain about the manipulation of files.  
(OR)  
b) Explain about ADO.NET fundamentals.
15. a) Write about reading and writing streamed XML.  
(OR)  
b) Write an ASP.NET program to display the selected items from the checkboxlist to a listbox.

**PART - C**

**Answer any TWO Questions**

**(2 X 20 = 40 Marks)**

16. a) Discuss in detail about the .NET framework architecture.  
b) Explain in detail about the types of Operators in C#.
  
17. a) Write a note on multidimensional array with example.  
b) Write in detail about files with an example program.
  
18. a) Explain about the any five Standard controls in ASP.NET with example.  
b) Write about catching exception in c#.

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