LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – **COMPUTER SCIENCE**

FIFTH SEMESTER – APRIL 2017

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

Date: 20-04-2017   Dept. No.   Max. : 100 Marks
Time: 01:00-04:00

PART –A

Answer ALL the Questions   **(10 X 2 = 20 Marks)**

1. Write about the CLR.
2. What is Variable Scope?
3. What is inheritance?
4. What is generic classes?
5. List out the string handling methods in C#.
6. Define Stack.
7. Write the purpose of Thread Class.
8. What is the purpose of Data Reader?
9. Define Data binding.
10. What is the use of IsPostback method in ASP.NET.

PART - B

Answer ALL the Questions   **(5 X 8 = 40 Marks)**

11. a) Explain the data types in C# with example.
   (OR)
   b)   Discuss about the looping statements with an example.

12. a) Write notes on Jagged Array with example.
            (OR)
   b) Explain about the Operator Overloading in brief.

13. a) Explain about the Standard Query Operators in C#.
            (OR)
   b) Discuss about catching exceptions in C#

14. a) How to pass Data to Threads explain with example.
            (OR)
   b) Explain about ADO.NET fundamentals.

15.a) Explain about the web forms.
            (OR)
   b)   Enumerate the difference between ASP and ASP.NET.

PART - C

Answer any TWO Questions   **(2 X 20 = 40 Marks)**

16. a)   Describe in detail about the .NET framework architecture **(10 marks)**

 b)   Explain in detail about the types of Operators in C#.**(10 marks)**

17.a) Write about Exception handling in C#.**(10 Marks)**

 b) Write a C# code to retrive data from the student table.**(10 Marks)**

18. a) Write about the Reading and Writing streamed XML.   **(10 Marks)**

 b) Explain multidimensional array with example.   **(10 Marks)**

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