LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

SECOND SEMESTER – **APRIL 2023**

PCS 2503 – WEB PROGRAMMING USING ASP.NET AND C#

Date: 02-05-2023   Dept. No.   Max. : 100 Marks
Time: 01:00 PM - 04:00 PM

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

1   Define IDE.
2   Compare namespace and assemblies in C#?
3   What is AutoPostBack in asp.net?
4   List out any four file types in ASP.NET.
5   What is the purpose of AdRotator Control in ASP.NET?
6   Mention the purpose of session variable.
7   Write any two common errors in programming.
8   List out the Data controls.
9   Mention the purpose of caching?
10   What is a Windows authentication?

PART – B

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

11   a) Explain the features and advantages of C#.
                              (OR)
      b) Discuss the concept delegates in C# with an example.
12   a) Explain the Page life cycle in ASP.NET.
                              (OR)
      b) Write short notes on panel controls in ASP.NET

13   a) Discuss the applications of exception handling in ASP.NET with example.
                              (OR)
      b) Discuss the purpose of multi view control and calendar control with its syntax.

14   a) Illustrate the Grid view control features with an example.
                              (OR)
      b) Explain the different data source controls available in .NET framework.
15   a) Discuss about the XML Classes and its methods with an example.
                              (OR)
      b) Discuss about Authorization rules in web security.

PART – C

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

16   Explain in detail about the .Net framework with neat diagram.

17   a) Explain in detail about any four Validation controls in .NET with an example. (10)
      b) Explain different types of data binding with examples.   (10)
18   a) Discuss the applications of exception handling in ASP.NET with examples.   (10)
      b) Discuss different types of caching used in ASP.NET.   (10)

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