LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

SECOND SEMESTER – **APRIL 2022**

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

Date: 17-06-2022   Dept. No.   Max. : 100 Marks
Time: 09:00 AM - 12:00 NOON

PART – A

Answer all the Questions   (10X2 = 20)

1. Mention the features of C#?
2. Define delegates in C#.
3. Name any four File Types created in ASP.NET
4. Mention the purpose of Auto post back.
5. Write any two common errors.
6. Compare server side validation and client side validation.
7. Write a code for creating a Connection in ASP.NET.
8. What is the purpose of SqlDataSource Control?
9. What is meant by Windows authentication?
10. List out the rules for caching.

PART – B

Answer all the Questions   (5X8 = 40)

11.   a) Discuss about any five string functions in C#.

(or)

b) Write short notes on Namespaces with an example.

12.   a) Explain the Page life cycle in ASP.NET.

(or)

b) Discuss about the purpose of any five HTML controls with an example.

13.   a) Discuss the applications of exception handling in ASP.NET with example.

(or)

b) Explain the following validation controls with an example.
  I) Range Validator   II) Regulars Expression Validator
  III) Compare Validator

14.   a) Explain any three Data Controls and its properties in ASP.NET.

(or)

b) Write short note on the following.
        i. File stream classes
        ii. Modes of file operations.

15.   a) Write the advantages of compound based programming.

(or)

b) Discuss about Authorization rules in web security.

16.　Illustrate the different components of .NET framework (20)

17.　a) Explain any four List controls with suitable example. (10)
　　b) Explain any two Rich control with an example for each. (10)

18.　a) Explain the architecture of ADO.NET data provider model with neat diagram. (10)
　　b)Discus different types of caching used in ASP.NET. (10)

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