LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.C.A. DEGREE EXAMINATION – **COMPUTER APPLICATIONS**

THIRD SEMESTER – **NOVEMBER 2018**

CA 3805 – .NET TECHNOLOGIES

Date: 24-10-2018   Dept. No.   Max. : 100 Marks
Time: 09:00-12:00

Part A

Answer ALL the Questions   10 x 2 = 20

1. "Internet does not come under the purview of www". Comment in few lines.

2. What are the objectives of a Script?

3. What is meant by GUI?

4. List any two properties of CheckBox Control.

5. 'Forms during runtime turn into Windows'. Comment in few lines.

6. What is Pop-up Menu?

7. What is enum?

8. What is a breakpoint?

9. How does a DataReader differ from that of a DataSet?

10. What are the Classes used in Disconnected Architecture of ADO.NET?

Part B   5 x 8 = 40

Answer ALL the Questions

11 a) List the merits of Client-side and Server-side Scripting Technologies.

OR

  b) Substantiate .NET Framework's goals and salient features.

12 a) What is short-circuit Logic in VB.NET? Discuss it with examples.

OR

  b) "Functions are used to make decisions in VB.NET". Comment on this statement and   demonstrate the decision making functions in VB.NET, if any.

13 a) Explain the process involved in creating an MDI Window Application.

OR

  b) Demonstrate the predefined Date Time Formats in VB.NET.

14 a) Explain the OOPs deployment in VB.NET with only syntax

OR

  b) Illustrate Multithreaded Programming in VB.NET.

15 a) What are the differences between Connected and Disconnected Architecture of ADO.NET?

OR

b) Explain the ADO.NET Namespaces to be used for various RDBMS Providers.

Part C   **2x 20 = 40**

Answer any TWO Questions

16 a)   Write an essay on the .NET Framework Components.

   b)   Elucidate the basic Windows Controls with their important properties and methods

17 a)   Illustrate the properties and methods of Dialog Boxes.
   b)   Demonstrate the use of Interfaces for achieving multiple inheritance.

18 a)   Explain the differences between Connected and Disconnected ADO.NET architecture.

   b)   Substantiate Debugging and Exception Handling in VB.NET.

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