



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

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

**THIRD SEMESTER – APRIL 2016**

**CA 3805 - .NET TECHNOLOGIES**

Date: 29-04-2016  
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

**Part A**

**Answer ALL Questions**

**10 x 2 = 20**

1. What is a Mark-up?
2. What is CLR?
3. “All Controls are not fields”. Comment in few lines.
4. What are called as decision making functions in VB.NET?
5. What is a LinkLabel?
6. Write note on “Context Menu”.
7. What is an Access specifier?
8. “Memory is allocated only when a class is instantiated” – Comment in few lines.
9. How is RecordSet different from DataSet?
10. What types of applications is best suited for Disconnected Architecture of ADO.NET?

**Part B**

**Answer ALL Questions**

**5 x 8 = 40**

11. a) Briefly explain the types of tags available in HTML.

**OR**

b) Discuss the objectives of Script.

12. a) Explain any five Windows Controls with their important properties and methods.

**OR**

b) Explain ‘AndAlso’ and ‘OrElse’ in VB.NET.

13. a) Explain any two Dialog Boxes with suitable diagrams.

**OR**

b) Explain Multithreaded Programming.

14. a) Demonstrate Events and Delegates.

**OR**

b) Discuss Exception Handling in VB.NET.

15. a) Explain the Connected Architecture of ADO.NET.

**OR**

b) Explain the Disconnected Architecture of ADO.NET.

**Part C**

**Answer any TWO Questions**

**2x 20 = 40**

16 a) Explain the Control Structures in VB.NET.

b) Discuss the different Types in VB.NET.

17 a) Discuss IDE of VB.NET, with necessary diagrams.

b) Explain the two types of Polymorphism.

18 a) What are the differences between ADO and ADO.NET?

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

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