



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.C.A. DEGREE EXAMINATION – COMPUTER APPLICATIONS

THIRD SEMESTER – NOVEMBER 2015

CA 3805 - .NET TECHNOLOGIES

Date : 06/11/2015
Time : 01:00-04:00

Dept. No.

Max. : 100 Marks

Part A

Answer ALL the Questions

10 x 2 = 20

1. What contribution did SGML provide to the development of HTML?
2. Why is .NET platform considered to be extendable?
3. List the Controls in VB.NET that are regarded as Fields.
4. What are Switch(), and Choose() functions used for, in VB.NET?
5. What is Vertical Bar?
6. What is Pop-up Menu?
7. List the Access specifiers in VB.NET.
8. How does Method Overloading differ from Method Overriding?
9. What are the central data containers in ADO and ADO.NET?
10. What are the Classes used in Connected Architecture of ADO.NET?

Part B

Answer ALL the Questions

5 x 8 = 40

11. a) Briefly explain the various technologies covered under the purview of Internet, and WWW.

OR

- b) Explain CLR and CTS.

12. a) “Some Types are stored on Heap, while some others on Stack”. Comment on this statement, by explaining the different Types in VB.NET.

OR

- b) Explain sub procedure and functions in VB.NET.

13. a) Explain Timer and Progress Bar Controls.

OR

- b) Explain Multithreaded Programming.

14. a) Discuss on ‘Class vs Components’.

OR

- b) Explain the debugging and exception Handling in VB.NET.

15. a) Discuss the differences between ADO and ADO.NET.

OR

- b) Write short notes on the following

- (i) DataReader (ii) DataSet (iii) DataAdapter

Part C

Answer any TWO Questions

2x 20 = 40

- 16 a) What are the differences between VB.NET and VB?
b) Explain the control structures in VB.NET.
- 17 a) Explain the methods and properties of DateTime Structure.
b) Explain the two types of Polymorphism.
- 18 a) What are the differences between Connected and Disconnected Architecture of ADO.NET?
b) Discuss the various ADO.NET Namespaces to be used for various RDBMS Providers.
