LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

FOURTH SEMESTER – APRIL 2017

CA 4956- ADVANCED .NET

Date: 27-04-2017   Dept. No.   Max. : 100 Marks
Time: 09:00-12:00

PART - A

Answer ALL Questions   **10 X 2 = 20**

1. "C# supports most of the programming paradigms". Comment in few lines.
2. Does C# support jumping instructions?
3. Give an example for explicit typecasting.
4. "Instantiation code cannot be placed in the same class" – Comment in a few lines.
5. Why are HTML Controls still provided in ASP.NET?
6. Where do we make use of 'InitialValue' Property?
7. What is a Crystal Report?
8. What is a breakpoint?
9. What is XNA?
10. List any two of the Cross-platform Mobile Apps Development Framework.

Part – B

Answer ALL Questions   **5 X 8 = 40**

11 a) Explain the usage of Arrays in C#.

OR

b) Explain the escape characters in C#.

12 a) Explain structures in C# with an example.

OR

b) Discuss 'Enumeration' with an example.

13 a) Discuss the elements in a ASP.NET web page structure

OR

b) Demonstrate any five common windows controls with their important properties and events.

14 a) Explain Session Management in ASP.NET.

OR

b) Explain error handling and debugging in ASP.NET

15 a) Discuss how Microsoft Xamarin is used for Cross Platform Apps Development.

(OR)

b) Discuss the various tools used in Windows Phone Development.

PART – C

Answer any TWO Questions   **2 X 20 = 40**

16 a) Discuss the features and advantages of C#

b) Explain Abstract Class with an example.

17 a) Elucidate the Life Cycle of an ASP.NET Web Page.
b) Explain the types of controls in ASP.NET.

18 a) Explain the differences between ADO and ADO.NET.

b) Explain the Windows Phone Hardware Specifications.