LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

FOURTH SEMESTER – NOVEMBER 2016

CA 4956 - ADVANCED .NET

Date: 16-11-2016   Dept. No.   Max. : 100 Marks
Time: 09:00-12:00

PART - A

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

1. "C# is used to develop several types of Applications". Comment in few lines.
2. What is decimal type in C#?
3. Why C# is regarded as the typesafe language?
4. What is Unsafe Code?
5. What is a namespace?
6. What is the difference between field and control?
7. Write a few lines about code-behind feature?
8. List the two types of tracing.
9. Write short note on the processing power of a Smart Phone'.
10. What is XNA?

Part – B

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

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

OR

b) Discuss the widely used String functions in C#.

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

OR

b) Discuss Events and Delegates.

13 a) Briefly explain the execution of an ASP.NET.

OR

b) Explain the validation controls in ASP.ENT

14 a) Demonstrate the different type of Caching in ASP.NET

OR

b) Explain session management in detail.

15 a) Discuss the difference between 'featured phone' and 'smart phone'.

OR

b) Explain the Metro Design 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 Properties and Indexers with a fitting example.
17 a) Discuss significant events of an ASP.NET Web Page.
   b) Discuss the differences between ASP and ASP.NET.
18 a) Explain the differences between Connected and Disconnected architecture of ADO.NET.
   b) Explain the Windows Phone Hardware Specifications.

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