



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.C.A. DEGREE EXAMINATION – COMPUTER APPLICATIONS

FOURTH SEMESTER – APRIL 2016

CA 4956 - ADVANCED .NET

Date: 23-04-2016

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

Part A

Answer ALL Questions

10 x 2 = 20

1. What is Decimal Type?
2. What is a jagged array?
3. What is a default constructor?
4. What is Unreachable Code?
5. What is a Web.config file?
6. What does an Initial Value Property do in Required Field Validator?
7. Draw the Architecture of ASP.NET.
8. What is a Web Request?
9. What is a Hub?
10. What is Microsoft Silverlight?

Part B

Answer ALL Questions

5 x 8 = 40

- 11 a) Discuss why C# is the trailblazer.
OR
b) Explain the Value Type and Reference Type in C#.
- 12 a) Demonstrate Class and Object derivation of it.
OR
b) Discuss 'Class vs. Structures'.
- 13 a) Explain the Validation Controls in ASP.NET.
OR
b) Discuss the Life Cycle of an ASP.NET Page.
- 14 a) Explain error handling in ASP.NET.
OR
b) Discuss the Request Object and Response Object in ASP.NET.
- 15 a) Discuss the Smart Phone Ecosystem.
OR
b) Explain the Windows Phone Hardware Specifications.

Part C

Answer any TWO Questions

2x 20 = 40

- 16 a) Explain String functions in C#.
b) Discuss the implementation of Interface.
- 17 a) Discuss Web User Control's deployment.
b) Explain the Code-behind Feature in ASP.NET, with the needed diagram.
- 18 a) Briefly explain the differences between Smartphone and Feature Phone, by listing the names of Smart Phone OS.
b) Explain Caching in ASP.NET.
