

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



M.C.A.DEGREE EXAMINATION –COMPUTER APPLICATIONS

THIRD SEMESTER – APRIL 2019

16/17PCA3MC01– .NET TECHNOLOGIES

Date: 03-04-2019

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

Part - A

Answer ALL Questions

10* 2 = 20

1. What is an Assembly?
2. What is App.xaml file?
3. Define the term 'Control Structure'.
4. How does short-circuit logic help?
5. Write the default events of 'TextBox' and 'LinkLabel' Controls.
6. What is OpenFileDialog Control?
7. Define the term 'Polymorphism'.
8. What is an Entity?
9. How can a Window Store App be accessed on a Desktop?
10. List any two fields to consider while submitting a Window Store App?

Part - B

Answer ALL Questions

5 * 8 = 40

- 11.a) Enumerate the differences between VB and VB.NET.
OR
b) List the salient features of .NET Framework.
- 12 a) Elaborate scope of variables in VB.NET.
OR
b) Explain how arrays are dealt with in VB.NET, with an example.
- 13 a) Demonstrate the decision making functions in VB.NET.
OR
b) Illustrate how Menus are used in VB.NET.
- 14 a) Explain the differences between ADO and ADO.NET.
OR
b) Substantiate the difference between connected and disconnected ADO.NET.
- 15 a) Provide a brief description for Proprietary Mobile OS and OpenSource Mobile OS
OR
b) Illustrate the steps needed to publish a Window Store App.

Part - C

Answer any TWO Questions.

2 * 20 = 40

- 16 a) Explain the any five Common Controls in VB.NET tool box.
b) With neat diagram explain the IDE of VB.NET.
- 17 a) Elaborate String functions in VB.NET, with code snippet.
b) Demonstrate structure with methods in VB.NET.
- 18 a) Provide a detailed description on Controls available for Window Store App development.
b) Briefly explain the components of .NET Framework.
