LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

THIRD SEMESTER – **NOVEMBER 2019**

16/17/18PCA3MC01 – .NET TECHNOLOGIES

Date: 30-10-2019   Dept. No.   Max. : 100 Marks
Time: 01:00-04:00

Part - A

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

1. Write short note on 'managed environment in CLR'?

2. What is MainPage.xaml file?

3. Define event-driven programming language?

4. List the types of error.

5. Write the default events of 'LinkLabel' and 'VerticalScroll Bar' Controls.

6. What is FontDialog Control?

7. What do you mean by Delegate?

8. Define 'entity'.

9. How is a Windows Store App different from a Web App?

10. What is 'App Name' field while a Window Store App is submitted?

Part - B

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

11 a) Demonstrate VB.NET IDE with specimen screenshot.
                                OR
   b) Write short note for *Window Store, Accessing Window Store, and Certification.*
12 a) Elaborate the guidelines for naming variables and constants in VB.NET.
                                OR
   b) Enumerate various problems necessitating error handlers.
13 a) Substantiate 'Sub Procedures' and 'Functions'.
                                OR
   b) Illustrate decision making functions in VB.NET.
14 a) List the differences between ADO and ADO.NET.
                                OR
   b) Demonstrate the data manipulation using LINQ.
15 a) Elucidate the Smart Phone EcoSystem.
                                OR
   b) Explain Window Store App Development Requirements.

Part - C

16 a)   Elaborate CLR, and CTS, and Assembly in .NET Platform.

   b)   Demonstrate Interfaces in VB.NET.

17 a)   Demonstrate how Menustrip is used for String Functions in VB.NET, along with code snippets.

   b)   Elaborate ADO.NET Entity Framework.

18 a)   Demonstrate the steps needed to create a Window Store App.

   b)   Illustrate LinkLabel, Vertical ScrollBar, CheckBox, and ListBox Controls with code snippets.

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