

**PGDCA/MSCCS-04/MCA-104/CPVB**

December - Examination 2016

**MSCS/PGDCA/CPVB/ MCA I Year Examination****Programming in Visual Basic and Dotnet****Paper - PGDCA/MSCCS-04/MCA-104/CPVB****Time : 3 Hours ]****[ Max. Marks :- 100**

**Note:** The question paper is divided into three sections A, B and C. Write answers as per given instructions.

**Section - A****10 × 2 = 20**

**Note:** Answer **all** questions. Maximum in 30 words. Each question carries 2 marks.

- 1) (i) What is web form?
- (ii) Write various web controls.
- (iii) What is CLR?
- (iv) What is DATA ADAPTER?
- (v) What is Data Set?
- (vi) What is SDI and MPI?
- (vii) What is API?
- (viii) What is OLE?
- (ix) What is RAD?
- (x) What is ADO.NET?

**Section - B****4 × 10 = 40**

(Short Answer Questions)

**Note:** Answer **any four** questions. Maximum in 200 words each.

- 2) Explain:
  - (i) CLR Features
  - (ii) ADO.Net Architecture
- 3) Explain:
  - (i) Give difference between data set and data reader
  - (ii) Enlist name spaces in VB.Net
- 4) Write code for following in VB.Net:
  - Add items in list box
  - Remove selected item from list box
- 5) What is Assembly? Types of Assembly.
- 6) Explain method overloading and method overriding.
- 7) What are various access modifier of VB.Net?
- 8) What is property procedure/properties? How to create it? What are the types of properties?
- 9) Write VB.Net program to take one list box which contain name of picture file. If you click one particular picture then it should display in picture box, which is already stored in database.

**Section - C****2 × 20 = 40**

(Long Answer Questions)

**Note:** Answer **any two** questions. Maximum in 500 words. Each question carries 20 marks.

- 10) (i) What is immediate window in VB.Net? What are its advantages explain with example?
- (ii) Explain structure exception
- 11) (i) In how many ways the argument can be passed to the procedure in VB?
- (ii) Write a short note on Event handler in VB.
- 12) Explain ADO.Net architecture with diagram.
- 13) Explain followings:
- (i) Basic Debugging Techniques
- (ii) DLL Shell
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