

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

June - Examination 2017

**MSCS/PGDCA/CPVB/ MCA I Year Examination****Programming in Visual Basic and Dot Net****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**

(Very Short Answer Questions)

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

- 1) (i) What is the objective of MsgBox( ) function?
- (ii) Give an example of declaring an array in VB.
- (iii) DLL stands for .....
- (iv) Give a reason for migration from VB to VB.NET.
- (v) Name any three Data type in VB.NET with its size.
- (vi) What is the advantage of multi threading?
- (vii) What is polymorphism?
- (viii) List the uses of MSIL (MS Intermediate Language).

- (ix) What is use of Re Dim statement?
- (x) What do you mean by Debugging?

**Section - B****4 × 10 = 40**

(Short Answer Questions)

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

- 2) Write an application in VB.NET that will count the number of Items in ComboBox on click event of a button.
- 3) Discuss the components of ADO.NET on which data Access is relies.
- 4) Differentiate between ASP.NET and Client-side Technologies.
- 5) What is Data Grid? Explain the basics of Data Grib with example.
- 6) How to add a new form in VB? Write the steps. Also explain various methods used in Form.
- 7) What is MDI? Write the steps to create MDI (Multiple Document Interface) Application.
- 8) Explain the windows program architecture in VB.
- 9) What do you mean by Data Validation. Distinguish between Field level validation and Form level validation.

**Section - C****2 × 20 = 40**

(Long Answer Questions)

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

- 10) List the features of Visual Basic.NET. Also explain .NET framework in detail.
  - 11) Write short note on:
    - (i) Encapsulation
    - (ii) Shadowing
    - (iii) Event Procedure
  - 12) What are the advantages of Event driven programming. Describe various conditional statement used in VB with suitable example.
  - 13) What is DLL? Explain its functions and uses. Also discuss how to use DLL procedure in your application with suitable example.
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