

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

June - Examination 2018

**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. As per the nature of the question delimit your answer in one word, one sentence or maximum upto 30 words. Each question carries 2 marks.

- 1) (i) What is the Role of CLR?
- (ii) Describe various types of Data sets.
- (iii) Describe important functions of Array lists.
- (iv) Describe exceptional handling in VB.Net.
- (v) What are the various components of IDE?
- (vi) Differentiate Radio Button and Check Box Control.
- (vii) Difference between list box and combo box. Write down.

- (viii) What are DLL?
- (ix) What is multi-threading?
- (x) What is .NET?

**Section - B****4 × 10 = 40**

(Short Answer Questions)

**Note:** Answer **any four** questions. Each answer should not exceed 200 words. Each question carries 10 marks.

- 2) What is cross language compatibility?
- 3) (i) Write an event procedure to find greater of two numbers with the help of call by value and call by reference methods.  
(ii) What is Array list ? How it is different from Array?
- 4) (i) Discuss concept of dynamic Array.  
(ii) Discuss Common Dialog control and MS - Common control.
- 5) (i) Write steps to bind the SQL server table data to data grid view control in the form.  
(ii) Describe types of Active X components.
- 6) Explain concept of classes and implementation of inheritance in V.B. Net with suitable example.
- 7) Describe web form and web server controls in V.B. Net.
- 8) Compare ADO and ADO·Net architecture.

- 9) Explain :
- (i) HTTP GET operation
  - (ii) Web services in V.B. Net

**Section - C**

**2 × 20 = 40**

(Long Answer Questions)

**Note:** Answer **any two** questions. You have to delimit your each answer maximum upto 500 words. Each question carries 20 marks.

- 10) Explain how to create web users control and web form.
- 11) Explain the following:
- (i) Security in .NET frame work.
  - (ii) Docking property of controls in V.B. Net.
- 12) Explain the followings:
- (i) MFC library
  - (ii) Advantages of using a creating DLL.
- 13) Write a note on following:
- (i) Processing flow of ASP·Net web form.
  - (ii) Explain .NET remoting.
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