**C09–CM–605**

# 3738

## BOARD DIPLOMA EXAMINATION, (C–09)
## OCT/NOV—2014
## DCME—SIXTH SEMESTER EXAMINATION

.NET PROGRAMMING

*Time* : 3 hours ]          [ *Total Marks* : 80

**PART—A**        3×10=30

*Instructions* : (1) Answer **all** questions.

(2) Each question carries **three** marks.

(3) Answers should be brief and straight to the point and shall not exceed *five* simple sentences.

**1.** List any three menus of VB.NET (except file, edit).

**2.** List any three properties of Textbox.

**3.** List any three common controls of standard toolbox of VB.NET.

**4.** Define recursion with an example.

**5.** How to redefine the size of already declared array?

**6.** Write the steps to add a child form in MDI.

**7.** Give the examples of three number formats.

**8.** What is ADO.NET?

**9.** How would you show/hide server explorer?

**10.** Explain the term 'data binding'.

**PART—B** 10×5=50

***Instructions*** : (1) Answer *any* **five** questions.

(2) Each question carries **ten** marks.

(3) Answers should be comprehensive and the criterion for valuation is the content but not the length of the answer.

11. *(a)* What are the advantages of .NET over COM?

*(b)* Explain about any five data types.

12. List any five common properties and five common events of controls and explain.

13. Explain the process of creating menus at design time along with shortcut keys to menu items.

14. Design a simple calculator and write the code to perform arithmetic operations.

15. *(a)* List and explain the properties of shape control.

*(b)* List all the objects of ADO.Net and explain them in brief.

16. Explain CLR architecture with a neat diagram.

17. Define Dot NET assembly. Explain the steps to create a shared assembly.

18. What are the types of data binding applied in VB.NET? Explain them in detail.

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