



C14-CM-605/C-14-IT-605

4733

BOARD DIPLOMA EXAMINATION, (C-14)
MARCH/APRIL—2017
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. Define .NET framework.
2. List any three advantages of .NET over C, C++, JAVA.
3. Write about variables in C#.NET programming.
4. Write a short note on operator precedence in C#.NET programming.
5. Write a sample console application program in C#.NET to print the following lines :
S.B.T.E.T.-A.P.
CASH-LESS TRANSACTIONS
6. State the need of 'interoperability' in ADO.NET.
7. List any three components of ADO.NET data objects.

- * 8. What is data validation?
9. Write down the class hierarchy of text boxes.
10. Mention the working process of 'query-string' used in passing data between two webforms.

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) Describe the framework class library.
 (b) Describe the Help system.
12. Explain about various operators in C#.NET programming.
13. Explain exception-handling with examples.
14. (a) Explain about constant declaration with an example.
 (b) Explain about ADO.NET.
15. Describe how to connect database to C# application through server explorer.
16. (a) Explain any five properties of combo box control in Windows application. 5
 (b) Differentiate between combo box and list box. 5
17. Create a Windows form application with 3 text boxes and two buttons. Enter the radius of a circle in the first text box. Write the code for displaying area and circumference of a circle in the text box 2 and text box 3 by clicking area button and circumference button respectively.
- * 18. Explain briefly about (a) button, (b) labels, (c) text box, (d) check box and (e) radio button.
