



C16-CM-502

**6626**

**BOARD DIPLOMA EXAMINATION, (C-16)  
OCT/NOV—2018  
DCME—FIFTH SEMESTER EXAMINATION**

NET PROGRAMMING WITH C#

Time : 3 hours ]

[ Total Marks : 80

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**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. What is Microsoft Visual Studio IDE?
2. List any three advantages of Net over Java.
3. Distinguish between for loop and for each loop in C#.
4. Define constant. Give one example program.
5. Write any three differences between class and interface in C#.
6. List any three common properties of Windows combo box and list box control.
7. State the need for shape controls in C#.

- \* 8. What is ADO.Net?
- 9. Mention any three advantages of using a web based application.
- 10. State the purpose of validation controls in ASP.NET.

**PART—B**

10×5=50

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

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

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

- 11. Write short notes on CLR, FCL, CTS, CLS and MSIL.
- 12. Explain loop control flow statements in C# with example programs.
- 13. (a) Explain rectangular arrays in C#.  
(b) Write a C# console program to find sum of two matrices.
- 14. (a) Write a C# console program to implement interface.  
(b) Explain any five common properties of Windows controls.
- 15. Explain creation of menus at run time.
- 16. Explain any five ADO.NET core objects.
- \* 17. Explain how to navigate through data source in ADO.NET.
- 18. Design a web application to retrieve, insert, update and delete student data.

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