



C16-CM-502

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

NET PROGRAMMING WITH C#

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. 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#.

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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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