



C16-CM-IT-502

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**BOARD DIPLOMA EXAMINATION, (C-16)
OCTOBER/NOVEMBER—2023
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. List any three features of .Net.
2. Name any three .Net compliant languages.
3. Write down any six operators available in C#.
4. What are the advantages of C#?
5. Define exception handling. Write any three built-in exception handling classes in C#.
6. List any six user interface elements in C#.
7. List various dialogue boxes available with common dialogue control.
8. Write any three advantages of ADO.Net?
9. Write various ways of passing data between two web forms.
10. Write the use of textbox, radio button and list box controls.

PART—B

10×5=50

- Instructions :** (1) Answer *any five* questions.
(2) Each question carries **ten** marks.
(3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

11. Draw and explain CLR architecture in detail.
12. Explain conditional statements in C# with examples.
13. Explain exception handling mechanism in C# with an example.
14. (a) Write a C# program to read n number of values in an array and display it in reverse order.
(b) Write the steps for deploying and distributing windows applications.
15. Explain the procedure for creating menus at design time with an example.
16. Explain multiple table connection using ADO.Net.
17. Explain the procedure for data binding with textbox control.
18. Explain the process of creating a web form for student details.

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