



C16-CM-502

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BOARD DIPLOMA EXAMINATION, (C-16)
NOVEMBER—2020
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. Write short note on JIT compiler.
2. List any three features of .Net framework.
3. State the purpose of throw keyword in C#.
4. Write any three differences between value type and reference type in C#.
5. Define an interface in C#.
6. Write any three properties of Windows List Box Control.
7. What is deploying of Windows application?
8. What is dataset in ADO.NET?
9. Mention the steps for creating a web application.
10. State the importance of hidden field control in ASP.NET.

PART—B

10×5=50

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

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

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

- 11.** (a) List any five advantages of .NET over JAVA. 5
(b) Write short note on Visual studio IDE help system. 5
- 12.** Explain various data types in C#. 10
- 13.** Write C# console program to find second smallest number in an array. 10
- 14.** (a) What is recursion? Write a C# console program to implement recursion concept. 1+4=5
(b) Write a brief note on line and shape controls. 5
- 15.** Explain the creation of menus with short cut keys at design time. 10
- 16.** Design a windows application to insert, update and delete records in a Data Grid View control. 10
- 17.** Explain the procedure for data binding with text box control in C#. 10
- 18.** Explain data validation controls in ASP.NET with an example program. 10

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