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C16-CM-IT-502

**6626**

**BOARD DIPLOMA EXAMINATION, (C-16)**

**JUNE/JULY—2022**

**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. Define .Net framework.
2. Write about Microsoft intermediate language.
3. State the importance of user defined data type in C#.
4. List any three value data types supported in C#.
5. Write the difference between error and exception.
6. Write the syntax to enable and disable a button with name "ok\_btn".
7. How to hid and show solution explorer on .Net framework IDE?
8. What is the purpose of server explorer?
9. What is the purpose of querystring?
10. Define data validation.

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## PART—B

- 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. Explain visual studio C# IDE with diagram. 10
12. Write a simple C# console program to perform arithmetic operations using switch statement. 10
13. What is the purpose of loop statement? List and explain four loop statements with syntax and example. 10
14. (a) What is recursion? Explain with an example. 5
- (b) Write the steps to set a particular form with name “home\_frm” as startup form of project. 5
15. Explain with code to draw any five fundamental graphics elements. 10
16. Explain the process of accessing data with “dataadapter” and “dataset” objects. 10
17. Explain the procedure to display data of a table in a database using DataGridView control. 10
18. List and explain any five data validation controls in ASP.NET. 10

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