C16-CM-IT–**502**

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BOARD DIPLOMA EXAMINATION, (C-16)

JANUARY/FEBRUARY—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.   List any three .NET supporting languages.

2.   Write about .NET help system.

3.   Differentiate between Class and Object.

4.   List any three reference data types supported in C#.

5.   What is an exception? List two types of exceptions.

6.   List any three user interface elements.

7.   Differentiate between window and dialogue box. Give an example for each.

8.   What is the purpose of data validation? Give an example w.r.t ADO .NET.

9.   List any three data validation controls of web applications.

10.   Write the basic syntax to use textbox in ASP .NET through code.

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. Draw and explain CLR architecture.

12. Write a simple C# program to display spelling of decimal digit using if-else ladder.

13. Explain any five conditional control flow statements with syntax and example.

14. *(a)* Write the syntax of exception and explain try, catch, throw and finally. 5
(b) Write the steps to add new windows form for existing project. 5

15. Explain the process of deploying and distribution of windows application.

16. Explain about ADO .NET architecture with neat diagram.

17. Explain the procedure for data binding with textbox control.

18. Explain the process of passing data between two web forms.

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