

**4733**

**BOARD DIPLOMA EXAMINATION, (C-14)**

**MARCH/APRIL-2019**

**DCME – SIXTH SEMESTER EXAMINATION**

**.NET PROGRAMMING**

Time: 3 Hours ]

[Max.Marks:80

**PART-A**

**10x3=30M**

**Instructions:** 1) Answer **all** questions. Each question carries **three** marks.  
2) Answers should be brief and straight to the point and shall not exceed five simple sentences.

- 1) List the advantages of .Net.
- 2) Write about CTS.
- 3) Write about scope and lifetime of a variable.
- 4) Write about the different access specifiers in C# .Net.
- 5) Define Namespace and interface.
- 6) Write about data sets in ADO.Net.
- 7) Write th usage of Data Adapter in ADO.Net.
- 8) Write the differences between a TextBox control and RichtextBox control.
- 9) List the benefits of Web applicaiton.
- 10) Write about literal control in Web forms.

**PARI-B**

**5x10=50M**

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

- 11) Explain the CLR architecture with a diagram.
- 12) Explain various looping statements in C#.Net with syntax and examples.
- 13) Write a C# program to sort the elements of an array in descending order.
- 14) (a) Briefly explain about exception handling in C#.Net. (5M)  
(b) Explain the advantages of ADO.Net. (5M)
- 15) Explain the process of database connectivity to a C# application through server explorer.
- 16) Develop a windows form application in C#.Net to display a list of book names and perform add, remove and clear operations.
- 17) Explain the construction of dialog boxes using common dialog control in C#.Net.
- 18) Write short notes on  
(a) Hyperlink (b) Literals in Web forms. (5+5M)

\* \* \*