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BCACACN 302

**Third Semester B.C.A. Degree Examination, December 2024/January 2025
(NEP 2020)
(2022 – 23 Batch Onwards)
C# AND DOT NET FRAMEWORK
(DSCC)**

Time : 2 Hours

Max. Marks : 60

Note : Answer **any six** questions from Part – **A** and **one full** question from **each** Unit in Part – **B**.

PART – A



(6×2=12)

1. a) What is an HTML Element ? Give an example.
- b) Define literals. List any two literal types used in C#.
- c) What do you mean by destructors ? How they are defined in C# ?
- d) List any four components of VB IDE.
- e) Write the purpose of Dim and Redim keywords.
- f) Differentiate GotFocus and LostFocus events.
- g) What is DataSet ?
- h) What is DataBinding ? Mention types of DataBinding.

PART – B

Unit – I

2. a) Explain HTML Table Tags with an example.
- b) Explain the following loops with syntax and example :
 - i) while
 - ii) foreach.
- c) Write note on type conversions in C#.

(4+4+4)

P.T.O.



3. a) Explain HTML lists with an example.
- b) Explain any four string methods in C# with example.
- c) What are Parameter Arrays ? Explain with example. (4+4+4)

Unit – II

4. a) Explain multi-level inheritance with example.
 - b) Explain following components properties Window and Solution Explorer of VBIDE.
 - c) Explain Unary operator overloading with example. (4+4+4)
5. a) With syntax and example how a class are define in C#.
 - b) Explain following components Toolbox and Code Window of VBIDE.
 - c) Explain exception handling mechanism in C# with syntax and example. (4+4+4)

Unit – III

6. a) Explain select case structure with syntax and example.
- b) Explain the following properties of a TextBox :
 - i) Multiline
 - ii) MaxLength
 - iii) Wordwrap
 - iv) Scrollbar
 - v) PasswordChar
 - vi) Read only property. (6+6)





7. a) Write the syntax of creating functions in VB.NET. Give example.
b) Explain any six methods of windows form control. (6+6)

Unit – IV

8. a) Explain web button control with any five public properties.
b) Explain following validation controls :
i) RequiredFieldValidator
ii) RangeValidator
iii) CompareValidator. (6+6)
9. a) Explain any six ADO.NET objects.
b) Explain SqlDataReader Class. (6+6)

