



**III Semester B.C.A. Degree Examination, December 2024/January 2025**

**(NEP Scheme) (Freshers and Repeaters)**

**COMPUTER APPLICATIONS**

**CAC08 : C# and Dot Net Framework**



Time : 2½ Hours

Max. Marks : 60

**Instruction : Answer all Sections.**

**SECTION – A**

I. Answer **any six** questions. **Each** question carries **two** marks. **(6×2=12)**

- 1) What is web technology ?
- 2) What is image tag in HTML ? Give an example.
- 3) Mention the Applications of C#.
- 4) What is enum in C# ? Give an example.
- 5) Define Polymorphism.
- 6) Write any two properties of List Box in VB.NET.
- 7) What is the purpose of Auto Hide tool in VB.NET ?
- 8) What is the purpose of Numeric-Up-Down in VB.NET ?
- 9) Write the difference between List Box and Group Box.

**SECTION – B**

II. Answer **any four** questions. **Each** question carries **6** marks. **(4×6=24)**

- 10) Differentiate between client side and server side technologies.
- 11) Explain any 3 HTML tags with examples.
- 12) Explain tokens in C# with example.
- 13) Explain any two looping statements in VB.NET.

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- 14) Explain the following in C# with example
- a) Operator Overloading
  - b) Operator Overriding.
- 15) Write a C# program to reverse a given number and find the sum of digits.

### SECTION – C

III. Answer **any three** questions. **Each** question carries **8** marks.

**(3×8=24)**

- 16) Explain the different types of lists in HTML with an example.
- 17) Explain the data types in C#.
- 18) Explain the IDE in C#.
- 19) Explain the following
- a) Combo Box Control
  - b) Progress Bar Control.
- 20) Explain the Dataset and Dataadapter in ADO.NET.
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