



III Semester B.C.A. Degree Examination, February/March 2024
(NEP Scheme) (Freshers and Repeaters)
COMPUTER APPLICATIONS
C# and Dot Net Framework



Time : 2½ Hours

Max. Marks : 60

Instruction : Answer *all* the Sections.

SECTION – A

I. Answer **any 6** questions. **Each** question carries **2** marks.

(6×2=12)

- 1) List any two web browsers.
- 2) Mention the different levels of heading tags in HTML.
- 3) What is explicit type conversion ?
- 4) What do you mean by delegates in C# ?
- 5) Write the syntax of select case in VB DotNet.
- 6) Define Keyword in VB DotNet.
- 7) What is the use of TrackBar control in VB DotNet ?
- 8) What is ASP ?
- 9) Write any two advantages of ADO DotNet.

SECTION – B

II. Answer **any 4** questions. **Each** question carries **6** marks.

(4×6=24)

- 10) Explain arrays of C# in detail.
- 11) Write the advantages and disadvantages of scripting languages.

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- 12) Discuss various datatypes in C#.
- 13) Explain the following with examples :
 - 1) Classes and Objects
 - 2) Operator Overloading.
- 14) Explain any two conditional statements in VB DotNet.
- 15) Write a C# program to demonstrate the windows controls.

SECTION – C

III. Answer **any 3** questions. **Each** question carries **8** marks.

(3×8=24)

- 16) Explain the features of VB DotNet.
 - 17) Write a C# program using looping statements.
 - 18) Explain the <table> tags with an example.
 - 19) Explain the following :
 - i) GroupBox control
 - ii) ProgressBar control.
 - 20) Explain the ADO DotNet in detail.
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