



B.C.A. III Semester Degree Examination, April/May - 2024

COMPUTER SCIENCE

C# and Dot Net Framework

(NEP)

Time : 2 Hours

Maximum Marks : 60

SECTION - A

Answer **all** the questions. Each question carries **one** mark.

10x1=10

1. (a) What is Scripting language ?
- (b) Write any two server-side technologies.
- (c) What is boxing ?
- (d) What is an interface ?
- (e) What is docking ?
- (f) What is VB.Net ?
- (g) Write any two data types in VB.Net.
- (h) Write any two properties of Text-Box control in VB.Net.
- (i) What is ADO.Net ?
- (j) What is data reader ?

SECTION - B

Answer **any four** of the following questions. Each question carries **five** marks.

4x5=20

2. What are the advantages and disadvantages of client-side scripting language ?
3. Write a C# program to demonstrate classes and objects.
4. Explain delegates with programming example.
5. Explain subroutines and functions with example in VB.Net.
6. Explain foreach statement with syntax and example.
7. Write a short note on Combo-box control.



SECTION - C

Answer **any three** of the following questions. Each question carries **ten** marks.

3x10=30

8. What are Literals ? Explain different types of literals in C#.Net.
9. Explain different types of looping statements in VB.Net.
10. What is an inheritance ? Explain different types of inheritance with example.
11. Write a short note on :
 - (a) Track bar control
 - (b) Timer control
12. Explain the Architecture of ADO.Net.

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