



# FD-2873

BCA (Part-III) Examination, 2022

Paper - III

.NET Technology

*Time : Three Hours*]                      [Maximum Marks : 80  
  [Minimum Pass Marks : 27

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**Note** : Answer any **two** parts from each question. All questions carry equal marks.

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## Unit-I

1. (a) What is .NET framework ? How does .NET frame works ? Explain in detail.
- (b) Explain the CLR, CTS and JIT.
- (c) What is Assembly ? Explain different types of assembly.

## Unit-II

2. (a) Explain the different data types in VB.NET.
- (b) What is Loop ? Explain different types of loop in VB.NET with example.
- (c) What is Array ? How to declare a dynamic array ? Explain with example.

## Unit-III

3. (a) Explain the visual studio IDE in detail.
- (b) Explain any five properties of TextBox and Label.
- (c) Write a suitable program using CheckBox and Radio button.

## Unit-IV

4. (a) What is class and object ? How to create object ? Explain with example.
- (b) Differentiate between Constructor and Destructor. Explain with example.
- (c) What is Overriding ? How to override base class member ? Explain with suitable example.

( 3 )

**Unit-V**

5. (a) Explain the ADO.NET architecture.
- (b) Explain the .NET data provider for ODBC.
- (c) Explain the OLEDB command class and data adapter class.
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