FD-2873

BCA (Part-III) Examination, 2022

Paper - III

.NET Technology

Time : Three Hours]   [*Maximum Marks* : 80

[*Minimum Pass Marks* : 27

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

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.

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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