2011000104040001
Second Year B.C.A (Sem) -IV
Examination April -2023
.NET Programming

Seat No:

Student's Signature

[**Time: Three Hours**]   [**Max. Marks:70**]

Q.1 **Answer the following in short (Any 7)**   **14**
1. Explain Option Explicit statement.
2. Differentiate between SDI and MDI.
3. What is the use of Multiline and Word Wrap property of Textbox control?
4. Define unmanaged code.
5. What is the use of MyClass keyword?
6. What is CTS?
7. What is Boxing and Unboxing in VB.NET?
8. Write the difference between DataSet and DataReader objects.
9. Explain Err object.
10. Write the difference between GroupBox and Panel controls.

Q.2 **Answer the following questions.**   **14**
1. Explain Collection in detail with proper examples. Also give difference between Collection and Array.
2. Explain Keyboard and Mouse Events in VB.NET.
OR
1. Explain Data Types in VB.NET. Which is the default datatype in VB.NET?
2. What is modal and modallessdialog box? Explain MessageBox and InputBox in detail with proper examples.

Q.3 **Answer the following questions**   **14**
1. Explain ErrorProvider, HelpProvider and Timer controls in detail with its properties and methods.
2. Explain Polymorphism in VB.NET with proper examples.
OR
1. Explain OpenFileDialog, FontDialog and ColorDialog controls in detail with its properties and methods.
2. Explain Inheritance in VB.NET with proper examples.

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Q.4 **Answer the following questions (Any TWO)**   **14**
1. Explain Type Conversion and Type Checking built-in functions of VB.NET.
2. Explain Menu and TreeView controls in detail.
3. Explain Date and Time built-in functions of VB.NET.

Q.5 **Write a short note on the following (Any TWO)**   **14**
1. ADO.NET Model
2. .NET framework
3. Exception Handling

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