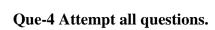# C.U.SHAH UNIVERSITY
Summer Examination-2020

Subject Name: Visual Studio .NET

Subject Code: 4CS03BDO2   **Branch: B.C.A**

Semester: 3   **Date: 25/02/2020**   **Time: 02:30 To 05:30**   **Marks: 70**

Instructions:
  (1) Use of Programmable calculator & any other electronic instrument is prohibited.
  (2) Instructions written on main answer book are strictly to be obeyed.
  (3) Draw neat diagrams and figures (if necessary) at right places.
  (4) Assume suitable data if needed.

Que-1 Attempt all the following short questions.   **[14]**
  1. Give the full form of JIT.
  2. Give the full form of CLR.
  3. Define constant.
  4. What is class?
  5. What is operator?
  6. Define managed code.
  7. Write down syntax of for loop statement.
  8. Give full form of MDI.
  9. Give full form of BCL.
  10. What is variable?
  11. What do you mean by inheritance?
  12. Write down syntax of one dimensional array declaration.
  13. Explain any two properties of Button control.
  14. Discuss any two methods of ListBox control.

Attempt any four questions from Que-2 to Que-8

Que-2 Attempt all questions.   **[14]**
  1. Explain any seven features of .NET platform.   [7]
  2. Explain various operators available in C#.NET.   [7]

Que-3 Attempt all questions.   **[14]**
  1. Explain class with syntax and example.   [7]
  2. Discuss if..else and do..while statement with syntax and example.   [7]

Que-4 Attempt all questions.   **[14]**

1. Explain Label control with any four properties. [5]
2. What is the use of ComboBox? Explain any four methods of it. [5]
3. Explain CTS and IL in short. [4]

Que-5 Attempt all questions. **[14]**
1. Explain multilevel inheritance with example. [5]
2. Discuss polymorphism and encapsulation in brief. [5]
3. Explain abstract class with example. [4]

Que-6 Attempt all questions. **[14]**
1. Discuss ArrayList collection in detail. [7]
2. Explain method overloading with example. [7]

Que-7 Attempt all questions. **[14]**
1. Explain RadioButton control with any four properties. [5]
2. Differentiate: ADO Vs. ADO.NET. [5]
3. Discuss DataReader in brief. [4]

Que-8 Attempt the following questions. **[14]**
1. Explain Connection and Command class with methods. [7]
2. What is crystal report? Explain different types of crystal report. [7]