

Enrollment No: \_\_\_\_\_ Exam Seat No: \_\_\_\_\_

# C.U.SHAH UNIVERSITY

## Winter Examination-2021

**Subject Name : .Net Programming**

**Subject Code : 4CS04IDN1**

**Branch: B.Sc.I.T.**

**Semester : 4**

**Date : 20/10/2021**

**Time : 11:00 To 02:00**

**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.
- 

**Q-1 Attempt the following questions: (14)**

- a) What is .Net?
- b) Define the term: variable
- c) What is JIT?
- d) What do you mean by managed code?
- e) What is C#?
- f) Differentiate C# and C++
- g) What is namespace?
- h) Define the term: Constant
- i) What is operator?
- j) What is an event?
- k) What is the use of scrollbar control?
- l) List our various dialogboxes
- m) Differentiate connected and disconnected architecture
- n) List out classes of ADO.Net

**Attempt any four questions from Q-2 to Q-8**

**Q-2 Attempt all questions**

- (1) Discuss benefits of .Net Framework (7)
- (2) Explain Garbage Collection (7)

**Q-3 Attempt all questions**

- (1) Discuss Characteristics & Applications of C# (7)
- (2) Discuss ProgressBar control with properties and methods (7)



- Q-4**                    **Attempt all questions**
- (1) Discuss value and reference type with suitable example (7)
  - (2) Explain C# Operators with suitable example (7)
- Q-5**                    **Attempt all questions**
- (1) Explain Looping statements with suitable example (7)
  - (2) Write a note on: CLR (7)
- Q-6**                    **Attempt all questions**
- (1) Discuss TextBox control with properties and methods (7)
  - (2) Explain ListBox control with properties and methods (7)
- Q-7**                    **Attempt all questions**
- (1) Describe Timer control with suitable example (7)
  - (2) Explain connection class with properties and methods (7)
- Q-8**                    **Attempt all questions**
- (1) Discuss Command class with properties and methods (7)
  - (2) Explain crystal reports with its types (7)

