

Enrollment No: _____

Exam Seat No: _____

C. U. SHAH UNIVERSITY

Winter Examination-2019

Subject Name: Programming with Dot Net Technology

Subject Code: 4TE05PDN1

Branch: B.Tech (CE)

Semester : 5

Date : 19/11/2019

Time : 10:30 To 01:30

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.

Q-1 Attempt the following questions:

- | | |
|---|-----------|
| a) How to declare a variable in VB? | 01 |
| b) What is difference between a Checkbox control and a Radio Button control? | 01 |
| c) What is an IL? | 01 |
| d) Can we overload the assignment operator in C#? Justify it. | 01 |
| e) What is a Full Form of GAC? | 01 |
| f) Dataset can store only a single table (True/False). | 01 |
| g) How can you enable a text box to change its characters format, so that users can enter password? | 01 |
| h) Define Managed Code. | 01 |
| i) What Are The Different Access Modifiers C# Language Supports? | 01 |
| j) What Is The Use Of Abstract And Sealed Classes In C#? | 01 |
| k) What Is The Concept Of Boxing In C#? | 01 |
| l) In C#, Constructor can return the value. Justify. | 01 |
| m) Which are the standard prefixes for the text box and label controls respectively? | 01 |
| n) What are the benefits of GDI+. | 01 |

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

Q-2 Attempt all questions

- | | |
|---|-----------|
| a) Explain Component of .Net. | 07 |
| b) What do you mean by namespaces? Explain it with suitable example in details. | 07 |



- Q-3 Attempt all questions**
- a) Explain .Net framework architecture with features. **07**
 - b) Compare ADO and ADO.NET. **07**
- Q-4 Attempt all questions**
- a) Explain Constructors and Destructors with example. **07**
 - b) What do you mean by inheritance? Explain multi-level inheritance with an example. **07**
- Q-5 Attempt all questions**
- a) Explain properties and indexers with suitable example. **07**
 - b) What is Dialog? Explain following Dialogs with its usage. 1) Folder Browser Dialog 2) OpenFileDialog 3) Color Dialog 4) Save Dialog **07**
- Q-6 Attempt all questions**
- a) What is Delegate? What is its real time Usage? Give C# Code Demonstrates delegate. **07**
 - b) Explain the Label, Button and Textbox Windows Control with its properties and methods with suitable example. **07**
- Q-7 Attempt all questions**
- a) Explain ADO.Net Architecture with Diagram. **07**
 - b) Write a C# program to generate divide by zero exception and also handle this exception. **07**
- Q-8 Attempt all questions**
- a) Write a C# program which creates windows form with one Button, Textbox. When button is clicked it should display Color Dialog Box. When a color is selected from the dialog box, it should be set as background color of the text box **07**
 - b) Write a C# code to bind data from given table to Combobox Control using Data Adapter. Table : Student (EnrollmentNo , Name) **07**

