Enrollment No: _____   Exam Seat No:_____

C.U.SHAH UNIVERSITY
Summer Examination-2020

Subject Name : Programming with Visual Basic

Subject Code : 4CS01IVB1   **Branch: B.Sc.I.T.**

Semester : 1   **Date :04/03/2020**   **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.

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

    a) What is the full form of ADO?
    b) What is variable?
    c) What is the use of Day() function in VB?
    d) What is the difference between listbox and combobox?
    e) Define Array.
    f) What is the use of Len() function in VB?
    g) Which function is used to generate a random number in VB?
    h) Give name of an event of Timer control.
    i) Define the term: Procedure
    j) Who was the founder of VB?
    k) Which property is used to hide a control?
    l) What is the full form of MDI?
    m) Which keyword is used to declare a variable?
    n) List out various properties of Label control

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

Q-2		**Attempt all questions**	**(14)**
	A	Describe While loop with suitable example	**07**
	B	Explain scope and lifetime of variables in VB.	**07**
Q-3		**Attempt all questions**	**(14)**
	A	Explain Life cycle of forms.	**07**
	B	Explain how to add menu and menu items in a form.	**07**
Q-4		**Attempt all questions**	**(14)**
	A	Explain Option Button control with properties and events	**07**
	B	What is Event Driven programming? Explain VB as event driven programming language.	**07**

Q-5		**Attempt all questions**	**(14)**
	A	Explain various relational operators	**07**
	B	What is a procedure? Explain difference between procedure and function.	**07**

Q-6		**Attempt all questions**	**(14)**
	A	Write a Program to print the factorial of the entered number.	**07**
	B	Discuss various data types of VB.	**07**

Q-7		**Attempt all questions**	**(14)**
	A	Explain TreeView control with useful properties and methods	**07**
	B	What is ADO? Write a simple program to add, delete and view records in a form.	**07**

Q-8		**Attempt all questions**	**(14)**
	A	Write a note on: Data report	**07**
	B	Explain how to open and close a file in VB.	**07**