C.U.SHAH UNIVERSITY

Winter Examination-2015

Subject Name: .NET Technology

Subject Code: 4CS02IDO1 Branch: BSc IT

Semester: II **Date:** 20/11/2015 **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.

	Attempt the following questions:	(14)
a)	What is Garbage Collection?	
b)	Given Full Name of BCL and FCL	
c)	Define Just In Time	
d)	What is managed and Unmanaged Code?	
e)	Given Full Name of CLR and CTS	
f)	What mean by intermediate Language?	
g)	Define Assembly	
h)	Define ArrayList	
i)	What is Property?	
j)	How to Setup Package?	
k)	What mean by Pointer?	
1)	Why we Need Connection String to develop an application in .Net Technology?	
m	Given the Full Name of MDI	
n)	Define boxing and Unboxing	
	Attempt all questions	(14)
a	Differentiate between Indexer and Property	05
b	Write a note on an Event and given suitable example of it	05
c	Describe User Control with suitable example	04
	Attempt all questions	(14)
a	Describe Class and Object and also Abstract Class with an example	05
b	Differentiate between Overloading Methods and Overriding Methods	05
c	Explain interface with suitable example	04
	Attempt all questions	(14)
a	Describe C#.Net with its Features and Structure development with an example	05
b	Explain Indexer with its types given suitable example	05
c	What is Data Binding? How to Bind Gridview with an application	04

Q-5		Attempt all questions	(14)
	a)	Explain Inheritance and Polymorphism with suitable example	07
	b)	Write a note on looping statements and also given example of each looping statements	07
Q-6		Attempt all questions	(14)
	a)	Explain Windows Controls with an appropriate example	07
	b)	Write a note Delegates with its types given suitable example	07
Q-7		Attempt all questions	(14)
	a)	Explain Microsoft .Net Platform Architecture	07
	b)	Describe Constructor and also how to overload operators in OOPs	07
Q-8		Attempt all questions	(14)
	a)	Define Window Application and how to create and use of it with an example	07
	b)	Describe Connected and Disconnected Architecture in brief	07