

C.U.SHAH UNIVERSITY

Winter Examination-2018

Subject Name : Dot Net Technology

Subject Code : 4TE07DNT1

Branch: B.Tech (IT)

Semester : 7

Date : 04/12/2018

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:	(14)
	a) Is Dot Net a language? Explain.	1
	b) What is unsafe code?	1
	c) Why is MSIL used?	1
	d) Why do web services use XML?	1
	e) Give any two names of data bound controls included in dot net technology.	1
	f) What is meaning of “Framework” in the field of programming?	1
	g) What is the use of “MessageBox”? Give an example.	1
	h) What is importance of “Global.asx”?	1
	i) What is “Application State”?	1
	j) What do you mean by namespaces?	1
	k) Show syntax for using array in C# with an example.	1
	l) What is Rich Server Control? Give an example.	1
	m) What is importance of “Web.config”?	1
	n) What do you mean by “Modifiers” in C#?	1

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

Q-2	Attempt all questions	(14)
	a) What is Assembly Structure? Explain it. Write a code to create Shared Assembly and store the Assembly in GAC using tool.	7
	b) What is DLL? How to create DLL files in .Net? Give explanation with an example.	7
Q-3	Attempt all questions	(14)
	a) What is Looping Control and Branching Control? Explain Looping Control with suitable example using C#.	7
	b) What is Boxing and Unboxing? What is/are benefit(s) of boxing in C#? Explain with example.	7
Q-4	Attempt all questions	(14)
	a) How CheckBox control and CheckBoxList Control differs from each other? When CheckBox should be used and when CheckBoxList should be used?	7



	Explain with example.	
b)	What is need of MDI form? Explain MDI Form with example.	7
Q-5	Attempt all questions	(14)
a)	What is predefined data type? Explain predefined data types in C# with examples.	7
b)	Explain settings of Data Source, Display Member and Value Member properties of ListBox Control with Dataset. List out benefits of ListBox control.	7
Q-6	Attempt all questions	(14)
a)	Explain ADO.Net Architecture with Diagram.	7
b)	What is purpose of validation? Explain validation controls with suitable example.	7
Q-7	Attempt all questions	(14)
a)	Explain Life Cycle of ASP.NET.	7
b)	What is session state? How to configure session state? Explain with an example.	4
c)	What is Master Page? Explain importance of Master Page.	3
Q-8	Attempt all questions	(14)
a)	What is Web service? Explain Discovering Web Services Using UDDI.	7
b)	Explain WPF and WCF with their differences.	4
c)	What is AJAX? What is/are benefit(s) of using AJAX? Explain various scenarios where AJAX is useful.	3

