

C.U.SHAH UNIVERSITY

Summer Examination-2019

Subject Name: Programming with Dot Net Technology

Subject Code: 4TE05PDN1

Branch: B.Tech (CE)

Semester: 5

Date: 16/03/2019

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) What is managed code?	01
	b) What is a delegate?	01
	c) Define Data Adapter	01
	d) Define Data Reader	01
	e) What is ADO.NET?	01
	f) What are web services?	01
	g) What are assemblies?	01
	h) Define metadata	01
	i) Define DLL hell	01
	j) Why do we require type conversion operation?	01
	k) What is an indexer?	01
	l) What is an event?	01
	m) What is an interface?	01
	n) What is the step to create windows application?	01

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

Q-2	Attempt all questions	
	(a) Explain the difference between Data Reader Model and Dataset Model.	07
	(b) Explain Dispose, Finalization and Garbage Collection in detail.	07
Q-3	Attempt all questions	
	(a) What do you mean by Thread? State its Advantages. Describe Thread Priorities. Also give VB.Net Code to implement it.	07
	(b) Explain Assembly Structure. Write a Code for create Shared Assembly and store the Assembly in GAC using tool.	07
Q-4	Attempt all questions	
	(a) Explain Implicit and Explicit type conversion with suitable example.	07



(b) Explain ActiveX control and custom control. **07**

Q-5 Attempt all questions

(a) Explain various objects of ADO.NET. **07**

(b) What is Dialog? Explain Following Dialogs with its usage. **07**

1. FolderBrowserDialog 2. Open File Dialog 3. Color Dialog

Q-6 Attempt all questions

(a) Explain Collections and Generic classes in brief. **07**

(b) Explain various ways to pass values from one windows form to other windows form? **07**

Q-7 Attempt all questions

(a) Explain concept of delegates in C#. **07**

(b) Explain concept of event handling in windows forms. **07**

Q-8 Attempt all questions

(a) Write console based program to print following pattern. **07**

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(b) Explain the following classes with its properties and methods with suitable example. **07**

1. OleDbConnection 2. OleDbCommand 3. OleDbDataAdapter

