Enrollment No:-_____   Exam Seat No:-_____

C.U.SHAH UNIVERSITY
Summer-2015

Subject Code: 5CS03NET1   **Subject Name: Programming Using ASP & C#.NET**
Course Name: M.Sc. (IT)   Date: 6/5/2015
Semester:III   Marks: 70
                                                                       Time:2:30 TO 5:30
_____

Instructions:
1) Attempt all Questions of both sections in same answer book/Supplementary.
2) Use of Programmable calculator & any other electronic instrument prohibited.
3) Instructions written on main answer book are strictly to be obeyed.
4) Draw neat diagrams & figures (if necessary) at right places.
5) Assume suitable & perfect data if needed.
_____

SECTION – I

Q. 1	Answer the below questions in one or two lines.	
	[a] Differentiate Managed and Unmanaged Code in .Net framework	03
	[b] In C#, Constructor can return the value. Justify.	02
	[c] Can we overload the assignment operator in C#? Justify it.	02
Q. 2	[a] Differentiate between view state and session state.	04
	[b] What are Client Side Control and Server Side Control in ASP .Net?	05
	[c] What is non-primitive data type? Explain by example.	05

<div align="center">OR</div>

Q. 2	[a] Explain various methods of Array List.	04
	[b] Write and explain properties and methods of SaveFileDialog.	05
	[c] How to use Ajax controls in ASP .Net?	05
Q. 3	[a] Explain ADO.Net architecture.	07
	[b] What is WebService? Create a web service to add two numbers. Also give code	
	to consume it.	07

<div align="center">OR</div>

Q. 3	[a] Differentiate ASP and ASP.Net. Also explain Label and TextBox controls with example	07
	[b] What is data-bound control? Explain Repeater control to display list of staff members with code and department.	07

6-5

SECTION – II

Q. 4   Answer the following questions:
[a] Explain the term: Overridable and Overrides.   **03**
[b] Define: Metadata and Manifest   **02**
[c] Define: JIT and MSIL   **02**

Q. 5   [a] Demonstrate the Master Page of ASP.NET.   **04**
[b] Write a code for create Shared Assembly and store the assembly in GAC   **05**
using tool   **05**
[c] Write note switch-case statement in C#.

OR

Q. 5   [a] Explain Dispose and Finalization. Also explain garbage collection in brief.   **04**
[b] What is Delegate? Give example of Multicast delegate with limitation of it.   **05**
[c] Explain the syntax of loops in C# with suitable example.   **05**

Q. 6   [a] Explain important of Intermediate Language? Which tool is used to   **07**
compile the
IL language?   **07**
[b] Explain Exception handling techniques with example in C#.

OR

Q. 6   [a] What is validation in web development? Explain various Controls for   **07**
validation in   **07**
APS.NET with Example.
[b] Explain Compilation Process of .Net frame work program. Explain various
components in this process.

6-5