Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI (NEW) - EXAMINATION - SUMMER 2016

Subject Code:2160711	Date:17/05/2016
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Subject Name: .Net Technology

Time: 10:30 AM to 01:00 PM Total Marks: 70

Instructions:

- 1. Attempt all questions.
- 2. Make suitable assumptions wherever necessary.
- 3. Figures to the right indicate full marks.
- Q.1 (a) Explain .Net framework architecture with diagram and also discuss IL.CLR, CTS and CLS.
 - (b) What is Namespace? Write a short note on Namespaces. 07
- Q.2 (a) What is method overloading? Explain it in brief with suitable example in C#.
 - (b) Write console based program in code behind language VB or C# to print following pattern.

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OR

(b) Write console based program in code behind language VB or C# to print 07 following pattern.

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- Q.3 (a) What do you mean by managed provider? How managed provides are supported in ADO.NET.
 - (b) Explain various Validation controls for ASP.NET with example

OR

Q.3 (a) Write a ADO.NET program in code behind language VB or C# which shows records from student_details(S_No,S_Name,S_Address) on console application.

S_No	S_Name	S_Address
1	Aryaveer	Ahmedabad
2	Jeetraj	Baroda
3	Dhruvin	Surat

- **(b)** Draw and explain ADO.NET architecture with its new features.
- Q.4 (a) What is Cookies and Session? How to create Cookies and Session? Explain with its syntax and write ASP.NET program to illustrate the concept of Cookies and Session.
 - (b) Explain the concept of master pages in ASP.NET with example. 07

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Q.4	(a)	What is Dialog? Explain following Dialogs with its usage. 1) FolderBrowserDialog 2) OpenFileDialog 3) ColorDialog 4)SaveDialog	07
	(b)	What is Debugging and Error Handling in Dot Net Technology? Explain with proper example.	07
Q.5	(a)	What was ADO Technology? How it differs from ADO.NET Technology? Explain.	07
	(b)	Explain usage of following ADO.Net objects with their methods. 1) SqlDataAdapter 2) SqlCommand object 3) Dataset	07
		OR	
Q.5	(a)	Explain data binding with Gridview control related to ADO.NET Technology.	07
	(b)	What is SqlDataReader? Explain it with relevant example.	07
