

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER-VII • EXAMINATION – SUMMER • 2015

Subject code: 170707

Date: 06/05/2015

Subject Name: Advance .NET Tech.

Time: 02.30pm-05.00pm

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 following terms in brief with respect to .NET framework. i. MSIL ii. CLR iii. CLS	07
	(b)	Explain the syntax of inheritance in VB .NET also give example of method overriding.	07
Q.2	(a)	Explain following with respect to exception handling. Try, catch and finally.	07
	(b)	Explain concept of finalization with example.	07
		OR	
	(b)	Write and explain basic constructors and methods of String class in .NET	07
Q.3	(a)	Explain the concept of properties. Also discuss advantages of properties over class member variables.	07
	(b)	Explain following with respect to event handling in .NET i. Handles ii. Event arguments	07
		OR	
Q.3	(a)	How pointers are supported in C#? Explain pass by reference concept.	07
	(b)	Explain the concept of master pages in ASP .NET	07
Q.4	(a)	Explain following keywords in ASP .NET i. Code behind ii. View state	07
	(b)	Write a program which reads person name from keyboard and saves into user.txt file. (If file already exists then newly entered names must be appended)	07
		OR	
Q.4	(a)	Explain various session management techniques in ASP .NET.	07
Q.4	(b)	Write a program which takes directory name and path as input and lists all files and subdirectories.	07

Q.5	(a)	Write a program in VB .NET to print following pattern. Use For loop. User will enter number of lines to be printed from keyboard. ***** ***** *** ** *	07
	(b)	List and explain common namespaces used for ADO .NET Also list most common classes in those namespaces.	07
		OR	
Q.5	(a)	Write a program which gets data from 'uses' table and shows on console in tabular format.	07
	(b)	Write a note on WPF.	07
