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USN						SNW institute of Technology 8.8.8, and Stage, BANGALORS-78	06CS/IS761

Seventh Semester B.E. Degree Examination, Dec.09/Jan.10 C # Programming and .Net

Time: 3 hrs. Max. Marks:100

> Note: Answer any FIVE full questions, selecting at least TWO questions from each part.

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		PART – A	
1	a.		ase class 8 Marks)
	b.	What is the role of .Net type meta data? Give example.	4 Marks)
	c.	List and explain intrinsic CTS data types and .Net name spaces in C #.	8 Marks)
2	a.	root of a number passed as a command line argument.	7 Marks).
	b.		ignment 8 Marks)
	c.	How do you format .Net string and textual output? Give examples. (0	5 Marks)
3	a. b. c.	What is the role of master node, system object?	7 Marks) 3 Marks)
		i) foreach ii) ref iii) params iv) verbatim v) enum.	0 Marks)
4	a. b.	How would you enforce encapsulation using accessors and mutators? Expla	
	c.	Illustrate with an example, polymorphic support in C#. (0-	8 Marks) 4 Marks)
5	a.	1	custom 6 Marks)
	b.	Write C # application to illustrate handling multiple exceptions. (0	6 Marks)
	C.	,	alization 8 Marks)
6	a.		es. 5 Marks)
	b.		5 Marks)
	c.	Write a program in C # to accept two strings and perform the following operations: i) copy string 2 to string 3	2
		ii) check string 1 ends with "ENGG" or not. If it is true, search character 'a' in string iii) insert "VTU" in string 2 at position 6 and display it.	y 5. 9 Marks)
7	a.	stackalloc, volatile and size of. (12	2 Marks)
	b.	() methods.	4 Marks)
	C.	What do you understand by events and delegates in C #? Give example. (04)	Marks)
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a. With a neat diagram, explain physical view and logical view of .Net assemblies.

b. Illustrate with an example, differences between synchronous and synchronous delegates.

(06 Marks)

c List the key elements and core CIL tokens of the assembly manifest. (04 Marks) (04 Marks)

d. Write short notes on process of building a multifile assembly.