C#

2008 October

Science Information Technology

TYBSc-IT

Semester 6

University Exam

University of Mumbai

shaalaa.com

BSC-IT SEM - DT	
C#L	13th oct 2008
n 4963-08.	GL-2516
y (3)	0
(3 Hours) To	otal Marks: 100
(1) Question No. 1 is compulsory.	
(2) From Question Nos. 2 to 7 attempt any four questions.	
(3) Make suitable assumptions wherever necessary.	
(4) Ahswer to the same question must be written together.	N 13
Write short notes on the following	
i. Variable Argument Lists	5
ii. Method Modifiers	- 5
iii. Exception handling in C#	5
iv. Namespaces in C#	5
Generate the following triangle by making use of goto, continu	e and bresk R
statements.	ic and break o
1	3. 3.
. 22	
333	
4444 55555	
Explain concept of boxing. How it is used in ArrayList class Expla	in. 6
What is shorthand assignment operator? What are the advantage	
shorthand operator?	
Write a method that computes the sum of digits of a given integ	ger. Write a 8
program to test the above method.	ger, write a o
Explain 'smart fields' with example.	6
Explain the concept of indexer with suitable example.	6
Write a program to count number of words from a given string by m	naking use of 8
regular expressions.	laking use of o
) Explain constant members and readonly members of a class.	6
Destructors in C# behave differently than in C++. Comment.	6
Write a complete program to exploin posting of structures	8
 Write a complete program to explain nesting of structures. What is the difference between defining the method of a class as of 	
as a new? Explain with example.	, , c. , i de una
Explain the different steps to create and use delegates.	6
Displant the different drops to elected and also delegates.	***
Define a class MyString with the following features.	. 8
i) An overloaded binary + operator that concatenates two My	yString
objects and create a third object.	etrinae
 ii) An overloaded comparison operator '==' to compare two iii) An overloaded unary - (minus) operator that returns true 	
object is empty; otherwise false.	ii die sunig
What character escape sequences are available in C#. Give their mea	nings. 6
Describe various forms of implementing interfaces. Give examples	The state of the s
for each case.	
Write a program to implement the of about and unabout a	operators in P
Write a program to implement use of checked and unchecked of	operators in 8
polymorphism? Explain inclusion polymorphism with suitab	le example. 6
everloading with example.	6