END TERM EXAMINATION

THIRD SEMESTER [BCA] DECEMBER 2016

Paper Code: BCA-205 Subject: Front End Design Tools VB.Net			
Time: 3 Hours Maximum Marks:			
Note: Attempt any five questions including Q no.1 which is compulsory.			
	Select one question from each unit.		
0.1	Attempt any ten of the following:-	0=25)	
Q1	TILLUITIDE SEAR A COME OF CITO TOTAL	0-201	
	(a) What is the difference between a picture box and imagebox control?(b) What is container control?		
	(c) What are the various components in IDE?		
	(d) What are advantages of having parent and child forms?		
	(e) Write short note on Messagebox.		
	(f) Explain the 3-tier computing Model.		
	(g) What is Data Adapter?		
	(h) Write a program to check whether given number is odd or even	using	
	console application.		
	(i) What are the different data types in VB.NET?		
	(j) Explain Garbage collector and its uses.		
	UNIT-I		
02		(6.5)	
Q2	(cc) 11 220cc occ occo according	(6)	
Q3	(a) What are Namespaces? Describe atleast five types of namespacs used	in the	
1/.	architecture?	(6.5)	
	(b) What is Memory Management in .NET? Describe its types.	(6)	
2.2	UNIT-II	(6.5)	
Q4	(a) What is array list? Explain with suitable example.(b) Compare and contrast between VB and VB.NET in terms of their forms.		
	and application.	(6)	
	and application.	. ,	
Q5	(a) Explain Dynamic array? Explain with suitable example.	(6.5)	
	(b) What is Enumeration? Explain with example.	(6)	
	UNIT-III	(C E)	
Q6	(a) Write a program to show the inheritance supported in VB.NET.	(6.5)	
	(b) Explain the following MS-common controls:	rehox	
	(i) Scroll Bar (ii) Timer (iii) Combobox (iv) Checkbox (v) Panel (vi) Pictur	(6)	
		(0)	
Q7	(a) Create a class called Employee with the data member's empno, enan	ne, age,	
Q,	salary and experience of the following methods:		
X_{i}	(i) Calculation of salary (ii) Calculation of experience (iii) Display th	e detail	
	about the employee	(6.5)	
	(b) Explain the events associated with the life cycle of a TextBox.	(6)	
1002100200	UNIT-IV	(6.5)	
Q8	(a) What is Crystal Report? Write the steps to create a Crystal Report.	(6)	
	(b) Explain the architecture of ADDO object model.	(0)	
00	(a) Write a program to the ADO.NET code to insert the records in	nto the	
Q9	employee table containing the columns such as Emp_Id, Emp+Nar	me and	
	Salary.	(6.5)	
	(b) What is ADO.NET? Discuss the ADO.NET Object Model a	nd its	
	characteristics.	(6)	
