2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice. Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

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Fourth Semester B.E. Degree Examination, December 2010 Object Oriented Programming with C++

Time: 3 hrs.

Max. Marks:100

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

PART - A

		$\underline{\mathbf{PART}} - \mathbf{A}$					
1		system, with procedure oriented system.	(00 NE +)				
	b	What is function overloading? Illustrate function overloading through add func					
	c.	adds two linegers, two float numbers.	(06 Marks) (06 Marks)				
2	a. b. c.	Explain: i) this operator ii) arrow operator.	(10 Marks) (05 Marks) (05 Marks)				
3	a. b. c.	Explain ne and delete operators used in dynamic memory allocation. What is a destructor?	(08 Marks) (10 Marks) (02 Marks)				
4	a. b.	The state of the content types of innertance nossible in C++					
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5	a. b. c.	What is a virtual function? Explain with a suitable example. Write a short note on I/O stream classes, with hierarchy for C++ stream handling. What is a pure virtual function? Explain with an example.	(10 Marks) (05 Marks) (05 Marks)				
6	a. b. c.	Distinguish between text and binary files. How are opening and closing of files handled in C++? Illustrate the overloading of + + and operators.	(05 Marks) (05 Marks) (10 Marks)				
7	a.	Write a program to add two complex numbers by overloading the + operator. I complex numbers by overloading << operator.	Display the				
	b.	Illustrate the overloading of new and delete operators.	(10 Marks) (10 Marks)				
8	a. b.	What is exception handling? How are exceptions handled in C++? Write short notes on: i) RTTI	(10 Marks)				
		ii) Templates	(10 Marks)				

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