Ro	li No	Total Pages : 0:	3
		BCA/M-23 1871	A COUNTY
A	JDV	ANCED PROGRAMMING USING C++ BCA-242	
Tin	ne: I	Three Hours] [Maximum Marks : 80	0
No	(C (Attempt Five questions in all, selecting one question from each Unit. Q. No. 1 is compulsory. All question carry equal marks.	
		(Compulsory Question)	
, and .	(a) (b) (c) (d) (e) (f)	Design a template to find sum of an array. What is the meaning of the following statement fp = fopen ("abc.x", wb+)? When do we use multiple exception handelers? How eof() function detects end of file? Explain syntax for float to int typeconversion using	3 3 : 3 3 2
2.	(a) (b)	What are abstract class? Why are abstract classe needed? How run time polymorphism is achieved? Explain	3
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	(b)	What are the advantages of using exception hand	ling
h		mechanism in a program ?	8
9.	Differentiate between the following:		
	(a)	a text stream and a binary stream	8
	(b)	seekg() and seekp() file pointer manipulators.	8



3.	Wri	ite notes on the following:	
	(a)	Virtual class ·	
	(b)	'This' pointer.	
		Unit II	
4.	(a)	When do we use the protected visibility specifi	er to
		a class member ?	*
	(b)	What is an operator function? Explain with	h ar
		example.	{
5.	Exp	lain with example:	
	(a)	Basic data to class data type conversion	8
	(b)	One class to another class type conversion.	8
		Unit III	
6.	Writ	te syntax of the following:	
	(a)	Multi <mark>l</mark> evel Inheritance	. 8
	(b)	Hybrid Inheritance.	8
7.	Diffe	erentiate between the following:	
	(a)	Containership and inheritance	8
	(b)	A template and a macro.	8
		Unit IV	
8.	(a)	What is the difference between opening a file w	ith:
		(i) using a constructor	
		(ii) using open() function.	8
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	(0)	what are the advantages of using exception hand	ling
•		mechanism in a program ?	8
9.	Diff	erentiate between the following:	
	(a)	a text stream and a binary stream	8
	(b)	seekg() and seekp() file pointer manipulators.	8

