(i)	Pr	inted Pages : 2	Roll	l No				
(ii)	O	uestions : 9	Sub. C	ode:	0	9	2	2
		HIN STEELING DE	Exam. C	ode:	0	0	2	8
isul di		Bachelor of Com	puter Applicat 1059	ion 2 <sup>nd</sup> So	emes	ter		
	OB.	JECT ORIENTE Pap	D PROGRAM per-BCA-16-2		USIN	NG C	C++	
Tir	ne Al	lowed : Three Ho	urs]	[Maxir	num	Ma	rks	: 65
1.	Diff	ferentiate between e	stion. All question SECTION-A ncapsulation and	ons carry	equa on. V	il ma Vhicl	rks.	ess
		cifier can help to a		ng in C+	+?I	)emo		
2.		with an example program. 13 Discuss the following:						13
	(a)	Manipulators						
	(b)	Type casting.	one class to				b) 7	,6
			SECTION-B					
3.	(a)	What is the need What are the rule			. C+-	- pro	gran	n ? 7
	(b)	How are static m	embers access	ed in C+	+?			6
١.	(a)	Write a program overloading.	to add two	matrices	usir	ng o	pera	tor 7
	(b)	How is a construct Discuss copy con		om an ord	linar	y fun	ctio	n? 6

## SECTION-C

		SECTION C 1 120 CT Language					
5.	<ol> <li>When should inheritance be used in an object oriented pro Describe multilevel inheritance and hybrid inheritance with p</li> </ol>						
1	exa	mples.	13				
6.	Why is late binding important in OOPS? What is the role of virt						
	functions here? Demonstrate the implementation.						
		SECTION-D					
7.	What should be placed inside a try block? When do we useful multiple catch handlers? What are the benefits achieved?						
8.	Describe the various classes available for file operations. What a the different ways of opening a file and which one is used when						
		compulsors question. All questions carry equal m	13				
		SECTION-E					
		(Compulsory Question)					
9.	(a)	Function overloading	2				
	(b)	Operators that cannot use friend functions	2				
	(c)	Making a protected member inheritable	2				
	(d)	File modes (a)	3				
	(e)	Conversion from one class to another class type.	4				
	THON	(a) What is the need of a literal function in a C++ p What are the rules of implementing it?	3.				
		As How we sink members served in C+ 2					