Enroll	ment N		C II CII A II			No:
			C.U.SHAH Summer Ex			
Subjec	et Nam	e : Ob	ject Oriented Progran	nming with C-	++	
Subject Code: 4CS03IPC1			Branch: B.	Branch: B.Sc.I.T.		
Semes	ter:3		Date: 20/03/2018	Time : 02:3	30 To	05:30 Marks : 70
(2)	Use of Instru Draw	ctions neat d	rammable calculator & written on main answer liagrams and figures (if table data if needed.	r book are stric	tly to	•
Q1	Attem	pt foll	owing MCQs.			14
	1)	Whic	h primary data type is n	ot available in	C++?	
	,	a)	int		b)	char
		c)	Array		d)	double
	2)	XX71- : -	1. i. 1 i	9		
	2)		h is basic concepts of C class	++?	b)	inheritance
		a) c)	polymorphism		b) d)	All of the above
		C)	porymorphism		u)	All of the above
	3)	Whic	h is used to delete alloc	ated memory?		
	,	a)	new	J	b)	delete
		c)	dataset		d)	dynamic
	4)		h overloading is not pos	ssible in C++?		
		a)	Operator		b)	function
		c)	A and B		d)	virtual
	5)	The	>= operator is an	onerator		
	5)	a)	Arithmetic	_ operator.	b)	Logical
		c)	Short hand		d)	Relational.
	6)		erive new class from old	l class		used.
		a)	Inheritance		b)	Dynamic binding
		c)	Package		d)	Constructor
	7)	Whic	h is not a loop of C++?			
	,	a)	for		b)	do while
		c)	goto		d)	while



_an object.

b)

initialize

c) goto
Constructor
a) overload

8)



		c)	drop	d)	destroy					
	9)									
		a)	insertion	b)	extraction					
		c)	final	d)	None					
	10) Which type of overloading function is used to overload ++?									
		a)	operator	b)	virtual					
		c)	A and B	d)	None of these					
	11)is used to access variable at anywhere in program.									
		a)	public	b)	private					
		c)	protected	d)	None					
	12)	:: is	called	operator.						
		a)		b)	logical					
		c)	scope resolution	d)	bit wise					
	13)	Whic	ch of these is used to allocate	ate a memory?						
	ŕ	a)	Destructor	b)	Constructor					
		c)	new	d)	None					
	14)	Auto	matic conversion means	conversion						
	ŕ	a)	implicit	b)	explicit					
		c)	A and B	d)	None of these					
Atten	npt any	y FOUI	R from following.							
Q2										
Q2	Attempt following.									
	a) Explain class and objects.									
	b) What is inheritance? Explain different types of inheritance.									
	c) Explain passing object as arguments.									
Q3	Attempt following.									
	a) Explain function overloading with example.									
	b) How to implement single inheritance? Explain with example.									
	c) Explain :: operator and new operator.									
Q4	Attempt following.									
	a) W	Urita a r	note on: Operator overload	ina		5				
	a) Write a note on: Operator overloading.b) What is friend keyword? Explain friend function.									
			note on constructor.	nena function.		5 4				
Q5	Attempt following.									
	a) E	xnlain l	hierarchical inheritance.			5				
	$a_j \to$	лріані	meraremear mileritance.			J				



	b) Write a note on virtual function.	5			
	c) Explain delete operator with suitable example.	4			
Q6	Attempt following.				
	a) How to overload + operator? Explain with example.	5			
	b) What is private member function? Explain with example.c) Describe class template.	5 4			
Q7	Attempt following.	14			
	a) Discuss: Access specifies of C++	5			
	b) Explain: Late Binding and early binding.	5			
	c) Explain << , >> , :: , : operators.	4			
Q8	Attempt following.				
	a) Write a C++ program to initialize class student (rno, name) members using	•			
	constructor and print the data.	7			
	b) Write a program to create class emp(no, name) and salary(basic, da, hra,	total).			
	Create single inheritance using above classes, input and print data.	7			



