22316

	2223 Ho		/	70	Marks	Seat	No.							
	Instru	ctions	_	(1)	All Questions	are Comp	ulsory.	,						
				, ,	Answer each	_	-		on a	a ne	ew	pag	ge.	
				` ′	Illustrate your necessary.									•
				(4)	Figures to the	e right ind	icate f	ull n	nark	S.				
				(5)	Assume suital	ble data, if	neces	sary.						
				(6)	Mobile Phone Communication Examination	on devices	•							
					L'Adminiation 1	i i diii.							Ma	rks
1.		Atter	npt	any	FIVE of the	following	:							10
	a)	Demonstrate the static and dynamic initialization of variable.												
	b)	Write	the	syn	tax for declar	ation of a	class.							
	c)	State	the	cha	racteristics of	static mem	ber fu	nctic	n.					
	d)	State	diff	eren	t types of visi	ibility mod	e in ir	nheri	tanc	e.				
	e)	Give	the	synt	ax for constru	ictor in de	rived o	classe	es.					
	f)	Defin	e po	olym	orphism with	it's types.								
	g)	Defin	ie fil	le w	ith it's operati	ions.								
2.		Atter	npt	any	THREE of t	he followi	ng:							12
	a)	State	the	feat	ures of object	oriented p	rogran	nmin	g.					
	b)	Expla	ain o	verl	oaded construc	ctor with s	uitable	exa	mpl	e.				

c) Write a program on single inheritance.

d) Illustrate this pointer with example.

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		M	larks
3.		Attempt any THREE of the following:	12
	a)	Write a program to print first n natural numbers and their sum using for loop.	
	b)	Compare static and non-static data members. (any four points)	
	c)	State any four rules for virtual functions.	
	d)	Write a program for get and put functions.	
4.		Attempt any THREE of the following:	12
	a)	Explain the structure of C++ program.	
	b)	List any four properties of constructor function.	
	c)	Illustrate the concept of virtual base class with suitable example	e.
	d)	State the advantages of pointer.	
	e)	Write a program for closing a file.	
5.		Attempt any <u>TWO</u> of the following:	12
	a)	State the use of scope resolution operator and explain it with example.	
	b)	Write a program to show object as function argument.	
	c)	Write a program on hybrid inheritance.	
6.		Attempt any <u>TWO</u> of the following:	12
	a)	State the difference between constructor and destructor. (any six points)	
	b)	Explain abstract class with suitable example.	
	c)	Write C++ program to overload binary operator '+' to concaten two strings.	ate