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Tota	Total Number of Pages: 02 BECS2212															
	3 rd Semester Back Examination 2016-17															
C++ AND OBJECT ORIENTED PROGRAMMING																
BF	BRANCH(S): BIOMED, BIOTECH, CHEM, CIVIL, EEE, ELECTRICAL, ENV, FASHION, FAT, METTA, MINERAL, MINING, MME, PLASTIC, TEXTILE 210 210												210			
	Time: 3 Hours															
	Max Marks: 70 Q.CODE: Y527															
Answer Question No.1 which is compulsory and any five from the rest. The figures in the right hand margin indicate marks.																
210		210			210	J		210	•		210			210		210
Q1	a)	Answer the						S?							(2 x 10)	
	b) c)	What do you	u mea	basic concepts of OOPS? mean by dynamic polymorphism? mechanism of Inheritance with an example.												
	d) e)	·														
210	f)	What is friend function? What is its importance in OOP. 210 210									210					
g) What do you mean by persistent?h) What do you mean by sealed modifiers?i) What is composition? Explain purpose of co									comr	oositid	'n					
	i) j)	Define mani	•		•		•		COTT	Jositic	<i>)</i> 11.					
Q2	Differentiate between static binding and dynamic binding? Explain eac mechanism with a suitable example.										` ,					
210 Q3	a)	210			2.0		•	can	he o	verlos	210 ded	° Eyn	lain wit	210 h	(5)	210
QU	What are the various ways a method can be overloaded. Explain with example.								(0)							
	b)	What is com	posit	ion?	Expl	ain th	ne pu	rpose	e of it						(5)	
a 210	- \	VA/In In 210			210		000	0 B11			21(0	.20	210	(5)	210
Q4º	a)	Why abstraction is important in OOP? Discus its importance with a suitable example.										(5)				
	b)	What are the	•		that	are p	rovid	led to	mak	ke a p	rogra	amm	ing		(5)	
		modular?														
Q5	a)	Write a prog	ıram t	to sh	ow th	ie inh	nerita	nce s	how	n in a	clas	S .		210	(5)	210
	b)	Write the sy	ntax f	for ob	oject	orien	ted n	netho	d ca	II.					(5)	Page
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210	210		210	210	210	210	210	210		
	Q6	a)	Explain the mecha	nism of dynaı	mic binding with	example.	(5)		
		b)	Differentiate betwe	(5)					
210	Q7		Explain what are t Discuss with suitab	he methods ble example.	used to create	changes in sub	oclasses. (1	210		
	Q8		Write short answer on any TWO: Encapsulation							
210	210		Object Identity	210	210	210	210	210		
		c)	Constructor							
		d)	Inline Function							
210	210		210	210	210	210	210	210		
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