oct - 2013

Seat			7		
No.		9.2		100	



कुंतल - 038

COMPUTER SCIENCE PAPER-II (NEW) (23246) CS-212 Programming in C++ - I

P.	P	ag	es	:	3
----	---	----	----	---	---

Time: Two Hours

Max. Marks: 40

8

Instruc	tions t	to Cand	ic	lates	

- 1. Do not write anything on question paper except Seat No.
- Answersheet should be written with blue ink only. Graph or diagram should be drawn with the same pen being used for writing paper or black HB pencil.
- 3. Students should note, no supplement will be provided.
- All questions are compulsory.
- 5. Figures to the right indicate full marks.

	Atte	Attempt any eight.							
	a)	0.000	A special function used to initialize the object of a class is						
		i)	member function	ii)	destructor				
		iii)	constructor	iv)	structure				
	b)	Who	is father of C++ Language?						
		i)	Balguruswami	ii)	· Bjarne Stroustrup				
		iii)	Dennis Ritchie	iv)	codd				
		,		,					
	c)	(::)	scope resolution operator uses						
		i)	local variable	ii)	member function				
		iii)	return value	iv)	protected variable				
	d)	d) Member of a class specified as are accessible only to function of the class.							
		i)	private	ii)	public				
		iii)	protected	iv)	derive				
	e)	The	pointer to function is known as						
		i)	callback function	ii)	calling function				
		iii)	callup function	iv)	none of these				
	f)	Stat	ic data member is initialized to						
	,	i)	1	ii)	0				
The second second									

iii) 2

iv)

	g) Which of the following is access specifier?							
		i) class iii) function	ii) iv)	public int				
	h)	Default constructor is also called a						
	11)	i) empty constructor	ii)	doing constructor				
		iii) both i) and ii)	iv)	none of these				
	i) .	Following operator can not be ove	rloade	d.				
		i) scope resolution (::)	ii)	arrow (→)				
		iii) equality (= =)	iv)	assignment (=)				
	j)	Right way to declare copy constru	ctor is					
		i) add (add arg)	ii)	add (add * arg)				
	-	iii) add (add & arg)	iv)	add (& arg)				
2.	Atte	empt any four.				8		
	a) Explain structure of C++ program.							
	b)	Explain new operator.						
	c)	List out various types of construct	or.					
	d)	Define object and class.						
	e) Give syntax for declaring a pointer to function.							
	f)	What is parameterized constructor	or?					
3.	Atte	empt any two.				8		
	a) Differentiate between constructor and destructor.							
	b) Describe two ways to define member functions of class.							
	c)	Explain function with default argun	nents.					
4. A)	Attempt any two.							
	a) Explain the term inheritance.							
	b)	What is operator overloading? Gi	ve synt	ax.				

- c) Explain access specifier in class.
- B) What is inline function?

2

Attempt any one.

8

- a) i) How binary operator is overloaded using friend function? Give program.
 - ii) Give rules for writing constructor.
- b) i) Write a C++ program to overload greater than (>) operator.
 - Differentiate between structured oriented and object oriented programming.
