Enrollment No:	Exam Seat No:
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C.U.SHAH UNIVERSITY

Winter Examination-2019

Subject Name : Object Oriented Programming

Subject Code :4CS04OOP1 Branch: M.Sc. C.A. & I.T. (Integrated)
Semester: 4 Date: 13/09/2019 Time: 02:30 To 05:30 Marks: 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

Q-1	- \	Attempt the following questions:	to amount on in a 119	(14)
	a)	Which keyword is used to perform the wri a) Printf	b) Cout	1
		c) Scanf	d) cin	
	b)	A C++ code line ends with	d) cm	1
	U)		h) Fullston ()	1
		a) Semicolon(;)	b) .Fullstop (.)	
	a)	c) Comma(,) OOP stands for	d) Slash(/)	1
	c)	a) Object Oriented Procedure	b) Object Oriented Programming	1
		c) Object Procedure	d) None of these	
	1)	Programming		1
	d)	How to access the object in the class?		1
			b) using ternary operator	
		c) using member access operator	d) None of the above	1
	e)	· · · · · · · · · · · · · · · · · · ·		
		a) Private	b) Public	
	c	c) Protected	d) None of this	1
	f)	Default constructor has arguments.		1
		a) No Argument	b) One Argument	
		c) Two Argument	d) Many Argument	
	g)	Destructor is a member function whose na	me is same as the class name but is	1
		precededby a		
		a) @	b) ~	
	- \	c) &	d) +	
	h)	A constructor has the same name as		1
		a) Variable	b) Object	
	• `	c) Class	d) Function	1
	i)	A class whose objects cannot be created is known as		
		a) Absurd Class	b) Dead Class	
		c) Abstract Class	d) Super Class	



	j)	j) A derived class with only one base class is called inheritance.		
		a) Single b) Multiple		
		c) Multilevel d) Hierachical		
	k)	Reusability of code in C++ is achieved through	1	
		a) Polymorphism b) Inheritance		
		c) Encapsulation d) Exception handling		
	1)	Which symbol is used to define function outside the class	1	
	,	a) << b) :		
		c) :: d) ~		
	m)	STL stand for.	1	
		a) Simple Template Libraryb) Static Type Library		
		c) Standard Template Library d) Single Type-based Library		
	n)		1	
	n)	How many types of constructors are available in c++?		
		a) 0 b) 1		
		c) 2 d) 3		
Attem	pt any f	four questions from Q-2 to Q-8		
Q-2		Attempt all questions	(14)	
	1	Explain difference between C and C++.		
	2	What is Constructor? List out types of constructor with example.	5 5	
	3	What is class? Explain in detail with example.	4	
Q-3		Attempt all questions	(14)	
	1	Explain Access specifier available in c++.	5	
	2	Explain function overriding.	5	
	3	Explain this pointer with suitable example.	4	
Q-4		Attempt all questions	(14)	
	1	Explain dynamic memory allocation and deallocation in C++.	5	
	2	Explain default argument with example	5	
	3	Explain friend function with example.	4	
Q-5		Attempt all questions	(14)	
	1	Explain function overloading with example.	5	
	2	What is In heritance? Explain types of inheritance.	5	
	3	Explain Comment in c++	4	
Q-6		Attempt all questions	(14)	
	1	Write a difference between POP and OOP.	7	
	2	Explain characteristics of constructor and destructor.	7	
Q-7		Attempt all questions	(14)	
	1	Differentiate Early binding V/s Late binding	5	
	2	What is virtual function? Explain with example.	5	
_	3	Explain array of class object.	4	
Q-8	_	Attempt all questions	(14)	
	1	Write a program to swap two number using class.	5	
	2	Write a C++ code to calculate square, addition, and simple interest using function	5	
	•	overloading concept.		
	3	Explain Abstract class in detail	4	

