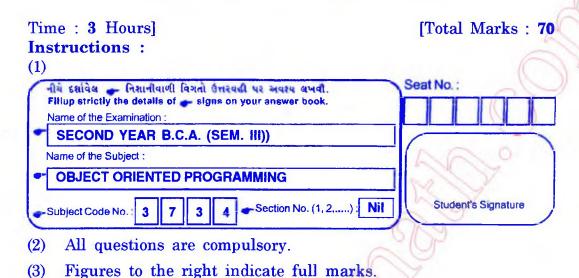
Second Year B.C.A. (Sem. III) Examination March / April - 2015 **Object Oriented Programming**



Answer any Seven: 1

14

- How scope resolution operator used in different ways in object oriented programming?
- **(2)** Which operator cannot be overloaded as member and friend function?
- Which are the different methods to open the file? (3)
- Define static data member & function **(4)**
- (5) What is function overloading?
- Which are the various methods which cannot call **(6)** through the object and how to call those methods?
- Differentiate between seekg() and seekp(). **(7)**
- (8) When to make function as inline?
- How the constructor is called in multilevel inheritance? (9)
- Do as directed 14
 - (A) In which circumstances function can be made as friend? 7 Write the advantage of friend function. Demonstrate example of friend function.

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http://VNSGU.AtoZm	(B) Differentiate between call by value and call by	7
	reference with example.	
	\mathbf{OR}	
2	(A) To 1: (* 1 B: 2 * 1	14
	(A) Explain exception handling mechanism.	7
	(B) Explain ambiguity for hybrid inheritance with example.	7
3	Answer the following(Any Two)	14
	(A) What is constructor? Explain copy and parameterized))
	constructor.	
	(B) How do the properties of following two derived class differ	
	(i) Class D1:private B,public C {};	
	(ii) Class D2:protected B,private C {};	
	(C) Write a program to convert time duration in terms of	
	minutes to TIME class where TIME class contains hours	
	and minutes.	
4	Do as directed [Any two]	14
	(A) Differentiate between multilevel and multiple Inheritance.	
	(B) Explain object as function argument and returning object.	
	(C) Differentiate between Unary and Binary operator	
	overloading.	
	Answer the following (Any two)	14
	Create binary file for class student whose data members are	
	studid.	
	(A) name, total and percentage write a program to copy the	
	contents of this file to another file whose percentage is	
	less than 50	
	(B) Write a program to convert dollar to rupees using class	
	to class conversion technique.	
7	(C) Define user define manipulator. Explain purpose of	
	manipulators.	
	Create User Define Manipulators for the following	
M	15 column width	
_ '	4 digit precision	
1	Left justified	
1	Filling unused space with '+'	
1	Trailing zeros shown	