GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER-II • EXAMINATION – SUMMER 2013

Subject Code: 620003 Date: 05-06-2013			
-		Name: Object Oriented Concepts & Programming	
Time: 10.30 am - 01.00 pm Total Marks: 70 Instructions:			
Instru	1. 2.	s: Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a)	 Do as directed. 1) Give the difference between Union and Class in Object Oriented Progamming Language. 2) Why do we require the static member function? Explain in short. 	07 02 02
	(b)	3) List and explain various file open modes. Which are the basic concepts of Object Oriented Programming Language? Explain.	03 07
Q.2	(a) (b)	1	07 07
	(b)	What is the inheritance and containership? Explain with suitable example.	07
Q.3	(a)	proper example.	07
	(b)	What is Run Time Type Identification (RTTI)? How it is used? OR	07
Q.3	(a)		07
	(b)	What is the inline function? Is the Inline function is a request but not command to the compiler? Justify your answer.	07
Q.4	(a) (b)		07 07
Q.4	(a)	022	07
Q.4	(b)	•	07
Q.5	(a) (b)		07 07

Q.5 (a) Explain the use of seekg() and tellg() file functions with example.
(b) Create a class emp(id,name,age). Overload "<<" and ">>" operators. **07 07**
