GUJARAT TECHNOLOGICAL UNIVERSITY M. E. - SEMESTER – I • EXAMINATION – WINTER • 2014

Subject code: 712303N Subject Name: Object Oriented Methodology			Date: 05-12-2014	
Tir	ne: 1 struc	10:30 am - 01:00 pm Total Notions: Attempt all questions. Make suitable assumptions wherever necessary.	Iarks: 70	
Q.1	(a) (b)	Explain façade design Pattern. Explain Iterator design pattern.	07 07	
Q.2	(a) (b)	Explain RTTI will all three methods. Explain Singleton design pattern. OR	07 07	
	(b)	Explain State design pattern.	07	
Q.3	(a) (b)	Explain analysis process for Library management system. Explain exception, inheritance in detail. OR	07	
Q.3	(a) (b)	Explain design process for Library management system. Explain abstract class and encapsulation in detail.	07 07	
Q.4	(a) (b)	Explain MVC architecture pattern in detail. Define and explain following terms in brief. Cohesion Interface Aggregation	07	
		OR	0.5	
Q.4	(a) (b)	Explain View Sub system of MVC in detail. Define and explain following terms in brief. Coupling Generalization Association	07 07	
Q.5	(a) (b)	Define class and explain various links and association properties of careful Explain Extract and Move method. OR	lasses. 07	
Q.5	(a) (b)	Explain Serialization in detail. List all scenario for microwave oven.	07 07	
