Seat No.: _____ No.____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII • EXAMINATION - SUMMER • 2014

Subject Code: 170702			Date: 03-06-2014		
Subj	ect N	Name: Mobile Computing			
				larks: 70	
Instru					
	2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.			
Q.1	(a)	Explain architecture of Mobile Computing and also discuss sec issues in Mobile Computing	•	07	
	(b)	Explain Wireless LAN standards and Wireless LAN architectu	re	07	
Q.2	(a)	•		07	
	(b)	Compare : IP and Mobile IP.		07	
	(L.)	OR		07	
	(b)	Explain: Blue tooth and RFID.		07	
Q.3	(a)	What is Cellular network? Explain frequency allocation network.	in GSM	07	
	(b)	Explain Mobile Computing over SMS. Also explain pull and p OR	ush SMS.	07	
Q.3	(a)	1		07	
	(b)	Explain: Handover, Authentication and Security in GSM		07	
Q.4	(a)	Explain Routing in Mobile Adhoc Network in detail.		07	
	(b)	Explain: Indirect TCP and Mobile TCP		07	
		OR		. –	
Q.4	(a)	Explain GPRS operations with its architecture.		07	
	(b)	Compare : CDMA and GSM		07	
Q.5	(a)			07	
	(b)	Explain: IPv6 and 3G Wireless		07	
0.5		OR		0=	
Q.5	(a)	Compare: H.232 and SIP		07	
	(b)	Explain: Spread Spectrum and WAP		07	
