Seat No.:	Enrolment No.

## GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER-V • EXAMINATION - SUMMER 2013

Subject Name: Wireless Communication Mobile Programn		Date: 20-05-2013 mming Total Marks: 70	
mstru	1. 2.	Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.	
Q.1	(a)	· · · · · · · · · · · · · · · · · · ·	07
	<b>(b)</b>	Explain wireless broadband in detail.	07
Q.2	(a)	Explain applications for GPRS in detail.	07
	<b>(b)</b>		07
	<b>(b)</b>	Explain wireless LAN advantages in detail.	07
Q.3	(a)	Explain application and services of mobile computing detail.	i <b>07</b>
	<b>(b)</b>		07
		OR	
Q.3	(a)	Explain mobile ad hoc networks and sensor networks detail.	in <b>07</b>
	<b>(b)</b>	Explain authentication and security GSM in detail.	07
Q.4	(a)	Explain data services in GPRS in detail.	07
	<b>(b)</b>	•	07
<b>Q.4</b>	(a)	Discuss Making existing applications mobile-enabled.	07
<b>Q.4</b>	<b>(b)</b>	Explain spread-spectrum technology in detail.	07
Q.5	(a)	Explain IEEE 802.11 standard in detail.	07
	<b>(b)</b>	Explain application on 3G network in detail. <b>OR</b>	07
Q.5	(a)	_	07
•	<b>(b)</b>		07

\*\*\*\*\*