Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII • EXAMINATION - WINTER 2013

Subject Code: 171001 Subject Name: Microwave Engineering Time: 10:30 TO 01:00 Instructions: Total Mai		de: 171001 Date: 26-11-2	Date: 26-11-2013	
		ks: 70		
	2. M	ttempt all questions. ake suitable assumptions wherever necessary. gures to the right indicate full marks.		
Q.1	(a) (b)		07 07	
Q.2	(a)		07	
	(b)	performance specification of Reflex klystron. What is avalanche transit time? Explain one of avalanche transit time Device. OR	07	
	(b)	Explain impedance matching and stub matching in transmission line.	07	
Q.3	(a) (b)		07 07	
Q.3	(a) (b)	Explain Radar display methods.	07 07	
Q.4	(a) (b)		07 07	
Q.4 Q.4	(a) (b)		07 07	
Q.5	(a)		07	
	(b)	of CW Doppler Radar.	07	
Q.5	(a) (b)	devices. Explain two-Hole directional coupler and the S matrix of a directional	07 07	
		coupler.		
