Scat Ivo Embinicit Ivo.	Seat No.:	Enrolment No.
-------------------------	-----------	---------------

## GUJARAT TECHNOLOGICAL UNIVERSITY

## BE - SEMESTER-IV • EXAMINATION - WINTER 2013

Subject Code: 141702 Date: 30-1		ode: 141702 Date: 30-12-2013	-2013
U	: 02:	ame: Transducers 30 pm to 05:00 pm Total Marks: 70	0
	2. N	ttempt all questions. Iake suitable assumptions wherever necessary. igures to the right indicate full marks.	
Q.1	(a (b	•	07 07
Q.2	(a (b	1 11	07 07
	(b		07
Q.3	(a (b	•	07 07
Q.3	(a (b	Discuss camera based width measurement.	07 07
Q.4	(a (b	*	07 07
Q.4 Q.4	(a (b	Explain filled system type thermometers in detail.  Discuss pyrometers in detail.  0' 0'	
Q.5	(a	Define sensors, transducers and primary sensing element. Give examples of each.	07
	(b	•	07
Q.5	(a (b		07 07

\*\*\*\*\*