Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI • EXAMINATION - WINTER • 2014

Subj	Subject Name: Avionics		/12/2014
Time			Marks: 7
Instru	1. 2.	s: Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a)	Explain the term Avionics. Classify Avionics system used in general aviation aircraft,	07
	(b)	,	07
Q.2	(a)	What are main components of Instrument Landing Systems? How do they help pilot to reach threshold of Runway?	07
	(b)	Explain Radio Altimeter. How does it inform pilot about ground clearance with aircraft.	07
	(b)	OR What is DME? Explain its integration with various avionics systems.	07
Q.3	(a) (b)		07 07
		OR	
Q.3	(a)	other aircraft on its way.	07
	(b)	Discuss errors of VOR.	07
Q.4	(a) (b)	1 1	07 07
Q.4	(a)	OR	07
4.	(b)	Avionics Instruments?	07
Q.5	(a)	Explain LORAN.	07
Q.S	(b)	•	07
Q.5	(a) (b)	What do you understand about Avionics Architecture?	07 07

70