Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

B.E. Sem-III Remedial Examination May 2011

		Subject Name: Introduction of Profession Time: 10.30 am – 01.00 pm Total Marks: 70	a
Instr	uct	ions:	
	2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a)	Define "Standard Atmospheric conditions". Explain "Temperature variation" with altitude with graph Temp vs. Altitude. Define "Iso-Thermal Layer".	07
	(b)	*	07
Q.2	(a) (b)	Explanation of three types of stability with neat sketches.	07 07
		OR	
	(b)	Explain factors affecting aircraft stability.	07
Q.3	(a) (b)	• •	07 07
Q.3	(a) (b)	Explain Turbo Jet Engine with neat sketch with after burner facility.	07 07
Q.4	(a) (b)	types of flaps with neat sketch.	07 07
	()	sketch. OR	
Q.4	(a)		07
ζ	(b)	• •	07
Q.5	(a)	Write history of a radio. How it was invented and its usage progressed over a period of time? What were its applications?	07
	(b)		07
Q.5	(a)		07
	(b)		07
