Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-III • EXAMINATION – WINTER • 2014

	U	ject Code: 2132501	Date: 03-01-2015	
	Time	ject Name: Machining Processes e: 02.30 pm - 05.00 pm uctions: 1. Attempt all questions. 2. Make suitable assumptions wherever necessary.	Total Marks: 70	
		3. Figures to the right indicate full marks.		
Q.1	(a) (b)			7
Q.2	(a) (b)	Explain different taper turning methods with neat sketch. Explain with neat sketch different operations performed on lathe machine. OR		7
	(b)	322	n lathe. 0	7
Q.3	(a) (b)	Describe various types of chucks used on lathe machine. Explain various work holding devices of lathe machine. OR		7
Q.3	(a) (b)	Explain the Material removal rate and time calculations for drilling machine. Explain the various types of milling operations with neat sketch.		7
Q.4	(a) (b)	Classify the milling machines and explain the parts of milling machine with neat sketch.	_	
Q.4	(a) (b)	1	m in a shaper. 0	
Q.5	(a) (b)	1 1	nditioning. 0	
Q.5	(a) (b)	Write the merits, demerits and application of broaching	ng. 0	
