	ME-202	,-E				
Tim	ne : Three Hours]	[Maximum Marks: 100				
Not	te: Attempt <i>Five</i> questions is question from each Unit marks.	n all, selecting at least <i>one</i> All questions carry equal				
	Unit I					
1.	Write briefly on : (a) Stepped and stepless d (b) Hydraulic drives.	rives 10 10				
2.	Describe the principle of s common ratio selected ?	tepped regulation. How is 20				
Unit II						
3.	Write briefly on turret-indexist the tooling equipment for tur					
4.	Write briefly on gear generate shaping.	ion, gear hobbing and gear 20				
(2)I	134023					

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PRODUCTION TECHNOLOGY

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Unit III

5.	Describe	the m	erits of	un	convention	nal	machining
	processes.	Write	briefly	on	working	of	ultrasonic
	machining	•					20
6.	Using a ne	at sketcl	n, write b	riefly	on princip	ole a	nd working
	of laser be	eam ma	chining p	roce	SS.		20

Unit IV

7.	Write briefly on:	
	(a) Sources of vibration during machining	10
	(b) Calibration of dynamometers.	10
8.	Using a neat sketch, explain the working of a	drill
	dynamometer. Discuss its limitations.	20