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		*** End ***		Describe working of gear tooth vernier used in measurement of gear tooth thickness and 3/CO2		List down various types of comparators. Explain working principle and construction of 3/CO2	Solve Any One of the following.	Define least count of vernier caliper & explain its significance. 2/C02		Explain the use of sine center in measurement with neat sketch. 2/C02	Solve Any Two of the following.	6. Bright fringe pattern is observed under	a. 0.01 b. 0.002 c. 0.001 d. 0.003	12	Syluming relief notes	a) magnetic induction) mutual inductance	ne of these	a) backlash c) lead correction	which results in a small play between mating tooth surfaces. This is called	mating gears is kept uniformly thinned	d) It is easily refracted.	b) Its colour can be selected as per the user's choice.	a) It is easily sensed by the human eye. 1/C01	Solve all the Multiple Choice Questions	(Level/CO)	1. Assume suitable data wherever required. 2. Draw figure wherever necessary. 3. Figure to right indicates full marks.	Max Marks: 20 Date: 21/9/2019 Duration: 1 Hr.	Subject Name: Metrology & Quality Control Subject Code: BTMEC505	Course: B. Tech in Mechanical Engineering Sem: V	Mid Semester Examination – Sep. 2019	DR RARASAHER AMBERYAD TECHNOLOGICAL INCIDENTAL
							1X 8=8				3 X 2=6		W	wv	v.Firs	ŧR	ankeı	.cor	n						1 X 6=6	Marks						