

[5+5]

Write properties of transverse waves.

P(8.a) Explain Fraunhofer diffraction at single slit. b) Discuss about interference of light by wave front splitting. OR Explain principle, theory and working of Michelson interferometer. b) Write short note on resolving power of a grating.						[5+5] [5+5]
	10.a) b)	Write applic	nstruction, princip eations of lasers in	various fields. OR			[5+5]
	(1).a) b)	Give an acco	pression for accepount of graded and	ptance angle and I step index fiber	numerical apertu	re. P	[5+5]
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