



15.	What is interference of light? Describe Young's experiment for demonstration of interference of light? [10M]	L3	CO3
	OR		
16.	Describe the construction and working of a Michelson Interferometer? [10M]	L3	CO3
17.	Describe the Fraunhofer diffraction pattern due to circular aperture. [10M]	L3	CO3
	OR		
18.	Write about the resolving power of a grating? [10M]	L3	CO3
19.	With the help of suitable diagrams, Explain the construction and working of a ruby laser. [10M]	L3	CO3
	OR		
20.	Describe the basic elements of a fiber optics communication system with the help of block diagram. [10M]	L3	CO4