Synoptic

Q. 4	(b)	What is the maximum Radar Cross section in m^2 of an automobile license plate that is 12 inch wide and 6 inch high at a frequency of 10.525 GHz?	
		$$\sigma = \frac{4\pi b^2 h^2}{\lambda^2}$$	[05]
		What frequency will result in Maximum radar cross section of a metallic sphere whose diameter is 1 m?	[05]
Q. 6	(b)	Draw block diagram of MTI Radar and explain each block in detail.	
			[05]
		Explanation	[05]