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210		210	210	210	210	210	210	210		
210	Part-III  Only Long Answer Type Questions (Answer Any Two out of Four)  Derive the expression for array factor of a linear array of four isotropic element spaces $\frac{\lambda}{2}$ apart fed with signals of equal amplitude and phase. Obtain the direction of maxima and minima.									
	Q4									
210	Q5	210	Discuss the geometry its feed configuration.	of parabolic refl	ector and the sig	gnificance of $^f/_L$	ratio, Explain	<b>(16)</b> 210		
	Q6		Draw and explain the Highlight some of its a	e function of Helpplications.	lical antenna an	d various mode	es of radiation.	(16)		
210		210	210	210	210	210	210	210		
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