	/:\	anantanaalla			
	(i) spontaneous,				
(	(ii)	) random.			
	On Fig. 7.1, complete the charge and mass of $\alpha$ -particles, $\beta$ -particles and $\gamma$ -Give example speeds of $\alpha$ -particles and $\gamma$ -radiation emitted by a laboratory so				
Г			α-particle	β-particle	γ-radiation
		charge			0
		orial go			
		mass	4u		
				up to 0.99 <i>c</i>	
)	Exp	mass speed	Fig	up to 0.99 <i>c</i> <b>J. 7.1</b> es lose energy whe	n they pass through
 	Exp	mass speed	Fig	j. 7.1	n they pass through