

Question Number	Answer	Mark
13	The thickness of the track related to the ionising ability of the particle (not its mass) (1)	4
	Alpha is strongly ionising and beta is only moderately ionising (so alpha tracks are thick and beta tracks are thin) (1) [Allow a comparison of ionising power of alpha with that of beta]	
	The shape of the track related to the mass of the particle (not its ionising ability) (1)	
	Alpha particles are massive particles and beta particles are not massive particles (so alpha tracks are straight and beta tracks are twisted) (1) [Allow a comparison of alpha mass with beta mass]	
	Total for question 13	4