4	Radium is a radioactive element. The most common isotope of radium has a half-life of almost two thousand years. A sample of radium can remain at a higher temperature than its surroundings for a long period of time.	
	Explain how a sample of radium is able to release significant amounts of energy over a long period of time.	
		(6)
	(Total for Question 4 = 6 marks)	