(a) (i) State the values of W				$^{210}_{84}$ Po $\rightarrow ^{W}_{X}$ Q + $^{Y}_{Z}$	α.	
Y Z [2] (ii) Explain why mass seems not to be conserved in the reaction. [2] (b) The reaction is spontaneous. Explain the meaning of spontaneous.	(a)	(i)	State the values of	-		
 Z				X		
(ii) Explain why mass seems not to be conserved in the reaction. [2] (b) The reaction is spontaneous. Explain the meaning of spontaneous.				Y		
(ii) Explain why mass seems not to be conserved in the reaction. [2] (b) The reaction is spontaneous. Explain the meaning of spontaneous.				Z		ارى: ا
(b) The reaction is spontaneous. Explain the meaning of <i>spontaneous</i> .		(ii)				
(b) The reaction is spontaneous. Explain the meaning of spontaneous.						
[1]	(b)	The		ous. Explain the meanir	ng of <i>spontaneous</i> .	
						.[1]