me e	mis	ssion is represe	ented by the nuclea	ar equation	
			$^{210}_{84}$ Po $ ightarrow$	$^{A}_{B}X + \alpha + \text{energy}$	
(a) ((i)	On Fig. 7.1, complete the number and name of the particle, or particles, represent A and B in the nuclear equation.			
			number	name of particle or particles	
		А			
		В			
				Fig. 7.1	
(i	i)	State the form	of energy given to	the α -particle in the decay of $^{210}_{84}$ Po.	
(i	ii)	State the form		the $lpha$ -particle in the decay of $^{210}_{84}$ Po.	
•					
(b) A	, √sa	ample of poloni	um ²¹⁰ Po emits 7.	$1 \times 10^{18} \alpha$ -particles in one day.	
(b) A	, √sa	ample of poloni	um ²¹⁰ Po emits 7.		
(b) A	, √sa	ample of poloni	um ²¹⁰ Po emits 7.	$1 \times 10^{18} \alpha$ -particles in one day.	
(b) A	, √sa	ample of poloni	um ²¹⁰ Po emits 7.	$1 \times 10^{18} \alpha$ -particles in one day.	
(b) A	, √sa	ample of poloni	um ²¹⁰ Po emits 7.	$1 \times 10^{18} \alpha$ -particles in one day.	
(b) A	, √sa	ample of poloni	um ²¹⁰ Po emits 7.	$1 \times 10^{18} \alpha$ -particles in one day.	