

一般入試前期A日程2日目

化学

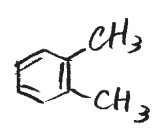
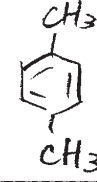
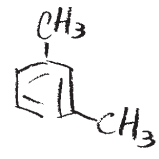
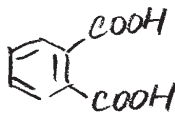
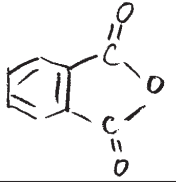
I

(1)	$2\text{N}_2\text{O}_5 \rightarrow 4\text{NO}_2 + \text{O}_2$		(2)	$v = k[\text{N}_2\text{O}_5]$	
(3)	1)	$8.3 \times 10^{-6} \text{ mol}/(\text{L}\cdot\text{s})$	2)	$3.7 \times 10^{-6} \text{ mol}/(\text{L}\cdot\text{s})$	
(4)	3)	$1.5 \times 10^{-2} \text{ mol}/\text{L}$	4)	$1.1 \times 10^{-2} \text{ mol}/\text{L}$	
(5)	$4.9 \times 10^{-4} / \text{s}$		(6)	27倍	
(7)			(8)	吸熱反応	
(8)	f		(9)	e	
(10)			(11)	c	

II

(1)	ア ⑪	イ ⑤	ウ ③	エ ⑦	オ ⑧	カ ①
(2)	A 正塩		B 酸性塩		(3)	70g
(4)	MgCl(OH)		(5)	(CH ₃ COO) ₂ Ca, NaHCO ₃		
(6)	$2\text{CH}_3\text{COONa} + \text{H}_2\text{SO}_4 \rightarrow \text{Na}_2\text{SO}_4 + 2\text{CH}_3\text{COOH}$					

III

(1)	A 	B 	C 	E 	F 	
(2)	D エチルベンゼン	H ニトロベンゼン	I アニリン	J アセトアニリド		
(3)	$\left[\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O})-\text{O}-(\text{CH}_2)_2-\text{O} \right]_m$				(4)	2.2 kg
(5)	