

2018年天津市耀华中学高三二模化学试卷

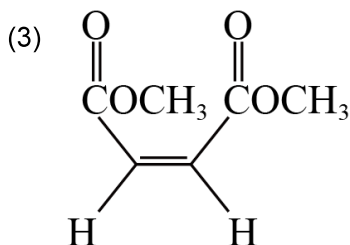
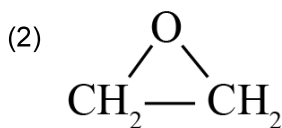
一、选择题

- 1 B 2 D 3 A 4 B 5 D 6 C

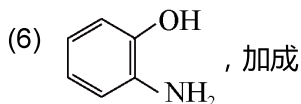
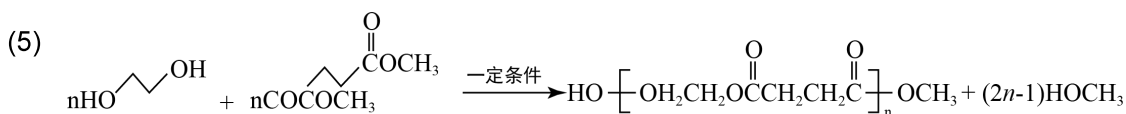
二、非选择题

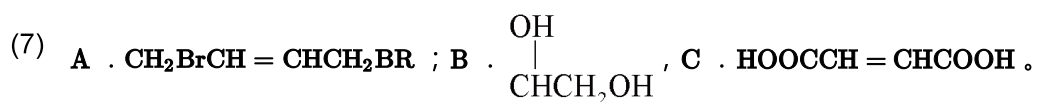
- 7 (1) $2\text{NaCl} + 2\text{H}_2\text{O} \xrightarrow{\text{通电}} 2\text{NaOH} + \text{Cl}_2 \uparrow + \text{H}_2 \uparrow$
 (2) $\text{N}_2(\text{g}) + 3\text{H}_2(\text{g}) \rightleftharpoons 2\text{NH}_3(\text{g}) \Delta H = -2a \text{ kJ/mol}$
 (3) 第三周期第 IIA 族
 (4) 1: SiO_2
 2: 光导纤维等
 (5) $\text{NaClO} + 2\text{NH}_3 = \text{NaCl} + \text{N}_2\text{H}_4 + \text{H}_2\text{O}$
 (6) $4N_A$

- 8 (1) 乙烯, $\cdot\ddot{\text{O}}:\text{H}$, 酯基, 碳碳双键或 $\begin{array}{c} \text{O} \\ \parallel \\ -\text{COR} \end{array}$, $\text{C}=\text{C}$



- (4) 2





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- (1) 1:球形冷凝管
2:冷凝有机物
- (2) 将装置中空气排出排尽防止 Fe^{2+} 被氧化
- (3) 1:②
2:乙醚或乙醚和二甲基亚砩
- (4) $2\text{KOH} + \text{FeCl}_2 + 2\text{C}_5\text{H}_6 = \text{Fe}(\text{C}_5\text{H}_5)_2 + 2\text{KCl} + 2\text{H}_2\text{O}$
- (5) 1:升华
2:四乙基铅反应后的产物会造成空气污染
- (6) 65%

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- (1) 1: $\text{O}_2 + 4\text{e}^- + 4\text{H}^+ = 2\text{H}_2\text{O}$
2:减小
- (2) HCl
- (3) ① 0.77 g
② AB
③ $c(\text{CH}_3\text{COO}^-) > c(\text{K}^+) > c(\text{H}^+) > c(\text{OH}^-)$
- (4) 1: $\text{BaSO}_4(\text{s}) + \text{CO}_3^{2-}(\text{aq}) \rightleftharpoons \text{BaCO}_3(\text{s}) + \text{SO}_4^{2-}(\text{aq})$
2: 0.04
3: 2.5 mol/L