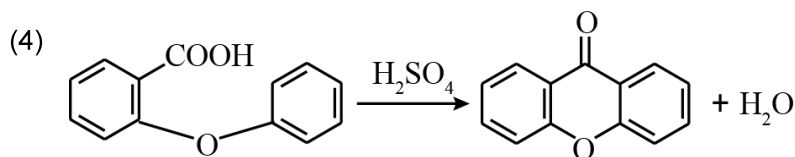
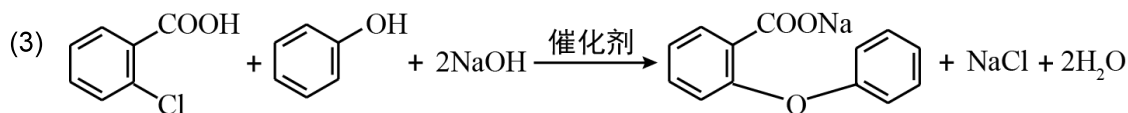
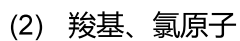
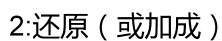
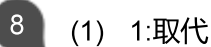
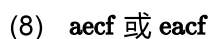
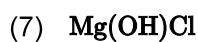
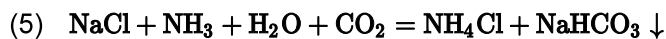
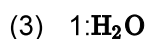
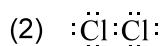
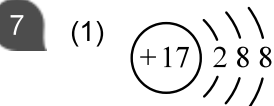


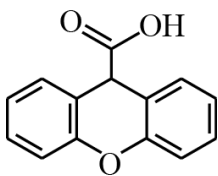
2019年天津河东区高三二模化学试卷

一、单项选择题

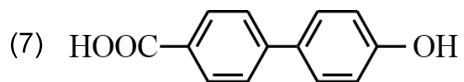
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二、非选择题





(6) 6



(8) 1: $\text{CH}_2 = \text{CHCH}_2\text{CN}$

2: $\text{CH}_2 = \text{CHCH}_2\text{COOH}$

3: CH_3OH

4: 浓硫酸 / Δ

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(1) ① HCl

② 有 (HCl) 气体生成, 平衡向正反应方向移动

③ $\text{Ca}_3(\text{PO}_4)_2 + 4\text{H}^+ + 3\text{SO}_4^{2-} \xrightarrow{\Delta} 2\text{H}_2\text{PO}_4^- + 3\text{CaSO}_4$

④ 促进 KH_2PO_4 析出

⑤ 蒸馏

(2) 1: $\text{OH}^- + \text{H}_3\text{PO}_4 = \text{H}_2\text{PO}_4^- + \text{H}_2\text{O}$

2: 3 ~ 6.5

(3) 1: C

2: $\text{Cl}^- + 6\text{OH}^- - 6\text{e}^- = \text{ClO}_3^- + 3\text{H}_2\text{O}$

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(1) ① 126

② $\text{CH}_4(\text{g}) + 2\text{SO}_2(\text{g}) = 2\text{S}(\text{g}) + 2\text{H}_2\text{O}(\text{g}) + \text{CO}_2(\text{g}) \quad \Delta H = +352 \text{ kJ/mol}$

(2) bd

(3) ① bc

② 降低温度

③ $\frac{c_0}{5t}$

④ =