

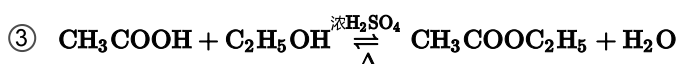
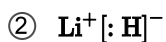
2019年天津和平区高三二模化学试卷

一、单选题 (每小题6分 , 共36分)

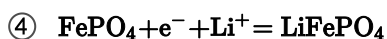
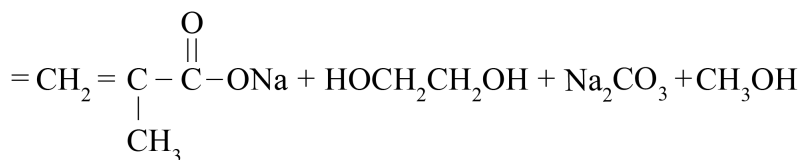
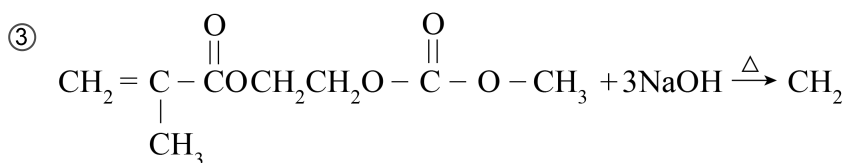
1 B 2 C 3 D 4 A 5 C 6 D

二、非选择题 (共64分)

7 (1) ① 第二周期第 I A 族



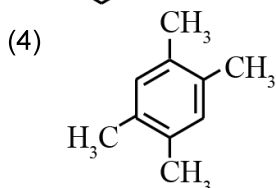
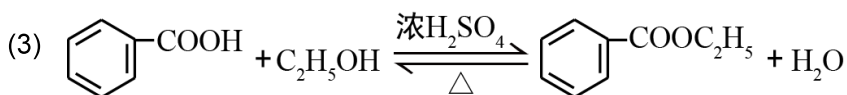
(2) ① 以免磷酸亚铁锂被氧化

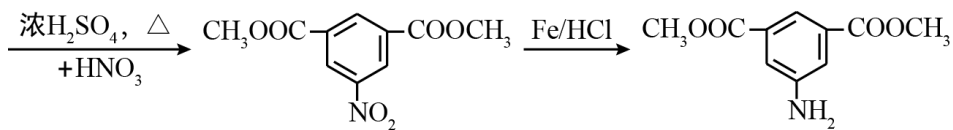
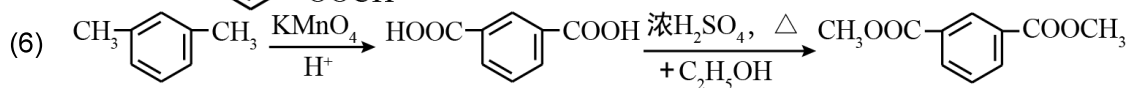
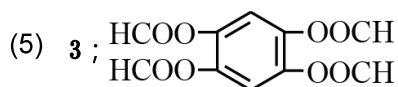


8 (1) 1:乙醇

2:羧基

(2) 取代反应 (硝化反应)





9

(1) ① 1:温度计

2:使温度保持 $60 - 80^\circ\text{C}$ 之间

3:冰水浴



(2) ① 吸收残余的二氧化氯气体，并使锥形瓶内外压强相等

② 当滴入（最后）一滴标准液时，溶液由蓝色变为无色，且半分钟内不复原

③ $0.0135cV$

④ 1:偏高

2:偏低

10

(1) ① 1:放出

2:135 kJ

② 1: $\frac{c^2(\text{CO}_2)}{c^2(\text{CO}) \cdot c(\text{SO}_2)}$

2:ad

③ 1:=

2:<

3: $\frac{1}{160} \text{ mol} \cdot \text{L}^{-1} \cdot \text{min}^{-1}$

(2) $10^{-7.3}$