

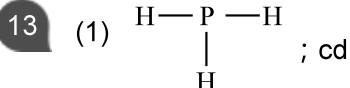
2020实验高三一模

一、单项选择

1 A 2 D 3 D 4 B 5 B 6 A 7 C 8 B 9 B 10 D 11 B

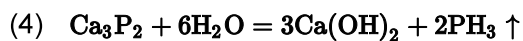
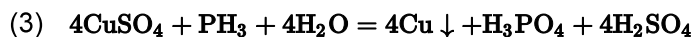
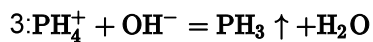
12 C

二、非选择题



(2) 1:低

2:大于

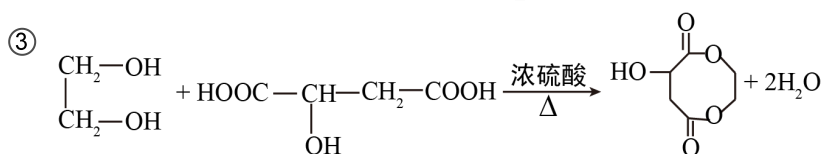
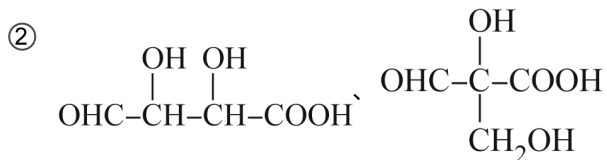


(5) ① 延长

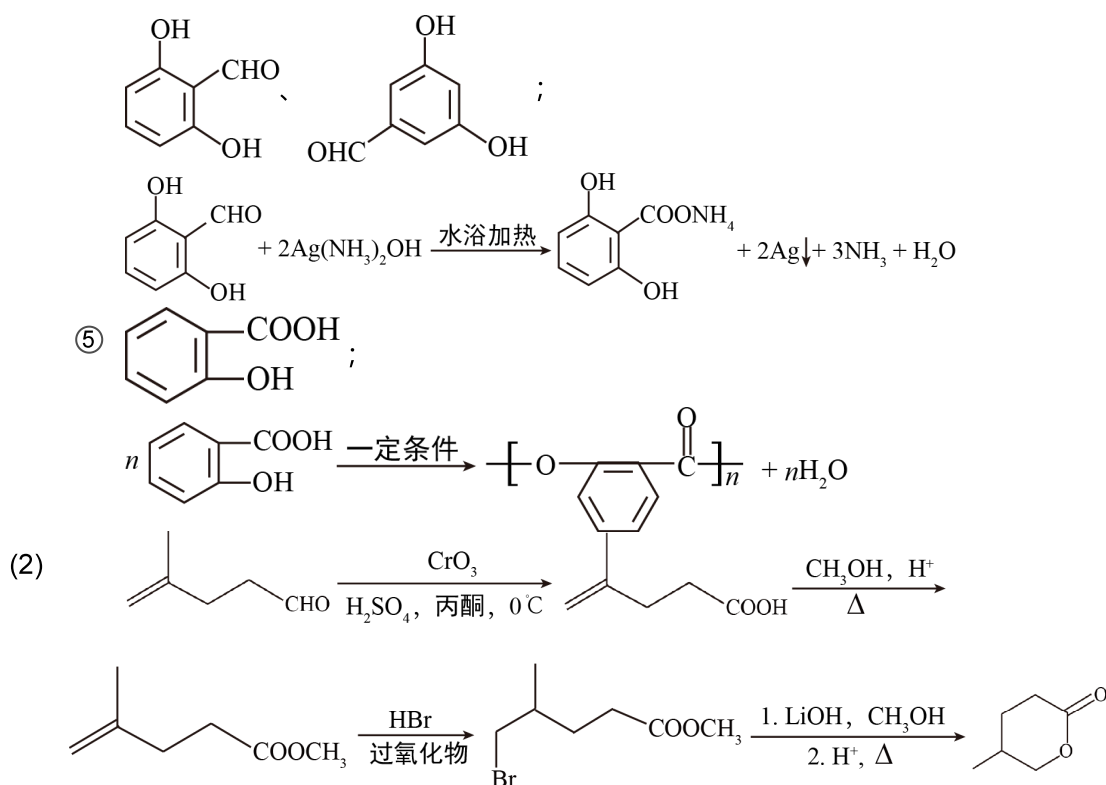
② 生成的磷酸能和金属阳离子 Cu^{2+} 、 Pd^{2+} 反应,使催化效率降低

14 (1) ① 1:羧基、羟基

2:①



④

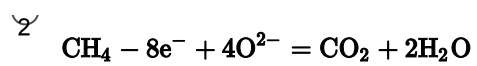


15

- (1) ① SiO₂
- ② $\text{V}_2\text{O}_5 + \text{SO}_3^{2-} + 4\text{H}^+ = 2\text{VO}^{2+} + \text{SO}_4^{2-} + 2\text{H}_2\text{O}$
- (2) 1:加入碱, 中和 H₂SO₄, 使平衡正移
- 2:分液漏斗、烧杯
- (3) 91.0%
- (4) 1:1.7
- 2: $2.6 \times 10^{-3} \text{ mol/L}$

16

- (1) $+(4b - c - 2a) \text{ kJ} \cdot \text{mol}^{-1}$
- (2) ① 0.16
- ② b
- ③ 升高温度或减小压强
- (3) 1:12.8
- 2:>
- 3:温度升高, $k_{\text{正}}$ 增大的倍数大于 $k_{\text{逆}}$
- (4) ① 阳
- ②



③ 12