

2020年天津南开区高三二模化学试卷

一、单选题

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

12 B

二、非选择题

13 (1) O

(2) CD

(3) ① $1: [\text{Ar}] 3d^8 4s^2$

2: VIII

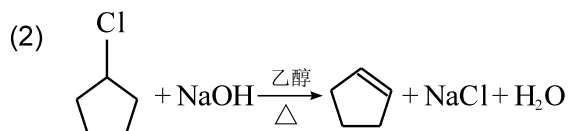
② 8

③ $1: 12$

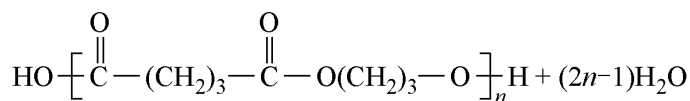
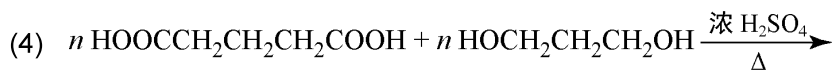
$$2: \sqrt[3]{\frac{251}{dN_A}} \times 10^7$$

14 (1) $1: \text{HOCH}_2\text{CH}_2\text{CHO}$

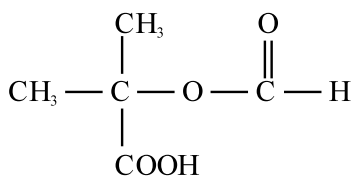
2: 氯原子



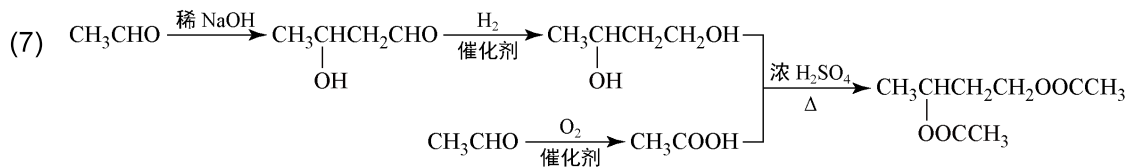
(3) 1, 3- 丙二醇



(5)



(6) C



15

(1) ① 酸式滴定管

② 防止溴的挥发

③ 滴入最后一滴溶液后，锥形瓶内溶液蓝色恰好褪去且半分钟不恢复原色

④ $\frac{94(V_2 - V_1)}{15}$

⑤ 1:偏大

2:偏小

(2) ① $\text{H}_2\text{O} - \text{e}^- = \cdot\text{OH} + \text{H}^+$

② $\text{C}_6\text{H}_5\text{OH} + 14\text{H}_2\text{O}_2 = 6\text{CO}_2 \uparrow + 17\text{H}_2\text{O}$

16

(1) 不能

(2) -28

(3) ① 0.048

② 64

③ $1:3\text{OH}^- + 2\text{CO}_2 = \text{CO}_3^{2-} + \text{HCO}_3^- + \text{H}_2\text{O}$

$2:c(\text{Na}^+) > c(\text{HCO}_3^-) > c(\text{CO}_3^{2-}) > c(\text{OH}^-) > c(\text{H}^+)$

④ ac

(4) 恒压条件下充入一定量的 CO_2 气体