

2020年天津红桥区高三二模化学试卷

一、单选题

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

12 B

二、非选择题

13

(1) 1:ds

2:3d¹⁰4s¹

3:大于

4:Zn核外电子排布为全充满稳定结构

(2) 1:6

2:sp³

(3) ① 1:配位键

2:N

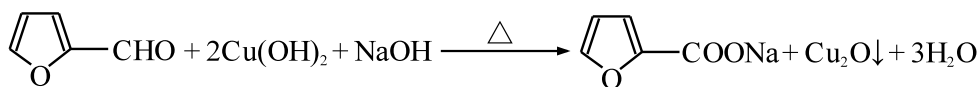
② 正四面体

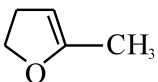
③ 高于

(4) 3:1

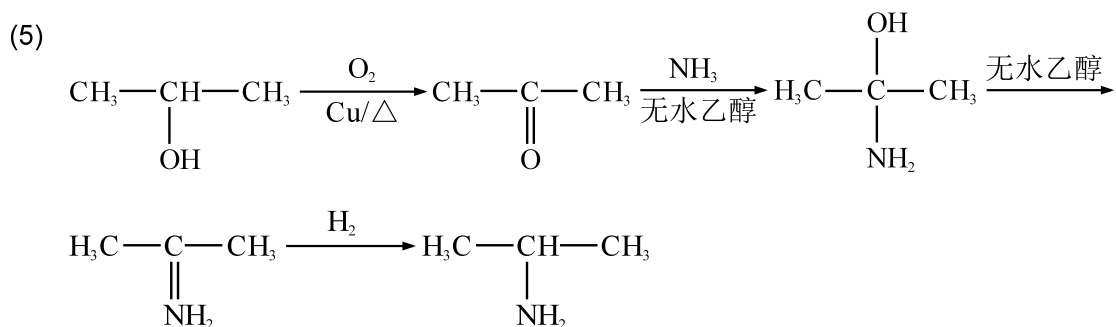
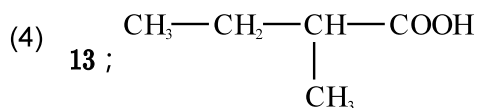
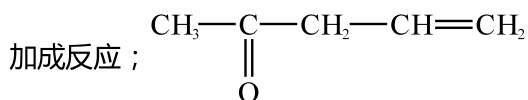
14

(1) 醛基、醚键；4；



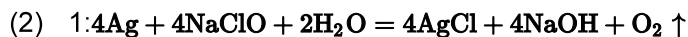
(2) 同分异构体；

(3)



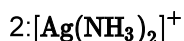
15

(1) 水浴加热



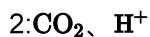
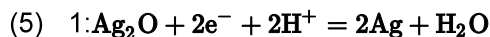
2: 生成氮氧化物，污染空气

(3) 1: 过滤



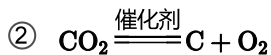
3: 此反应为可逆反应，不能进行到底

(4) 43.2



16

(1) ① 做催化剂



(2) ① B

② 1:<

2: 达到平衡后，升高温度，甲醇的产率降低，平衡向着逆向移动，所以反应是放热反应

(3) ① $K_p = \frac{P(\text{C}_2\text{H}_5\text{OH}) \cdot P^3(\text{H}_2\text{O})}{P^2(\text{CO}_2) \cdot P^6(\text{H}_2)}$

