

2017~2018学年广东广州天河区高一下学期期末 化学试卷

一、选择题

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

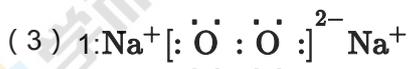
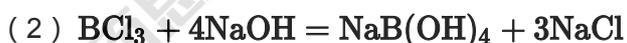
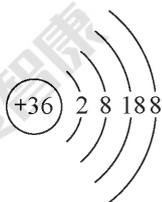
12 D 13 B 14 A 15 A 16 C 17 D 18 B 19 C 20 B 21 D 22 A

23 D 24 B 25 C

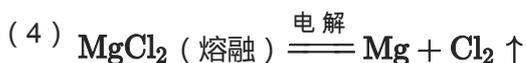
二、非选择题

26 (1)

第三周期Ⅷ族；

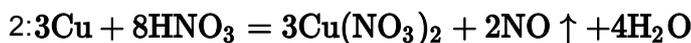


2: 共价键, 离子键



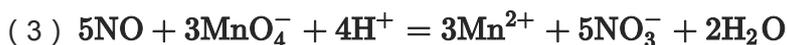
(5) 将 Fe 分两份分别与 Cl_2 , S 反应, 产物分别溶于盐酸中, 记为①、②, 取①中溶液于试管, 滴加 KSCN 溶液, 观察现象; 取②重复实验, 若①溶液有血红色出现, ②无明显现象, 则 Cl_2 氧化性大于 S

27 (1) 1:分液漏斗



(2) 1:除去 CO_2 气体

2:碱石灰

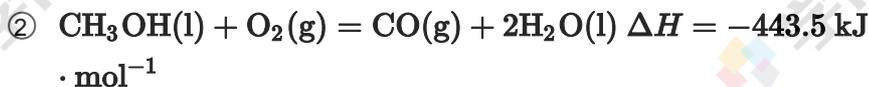


(4) 排尽空气, 避免与 NO 反应; 排尽 NO 气体, 避免污染空气

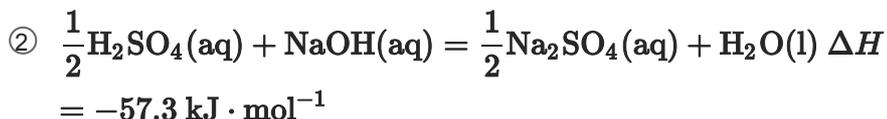
28 (1) 1: -91 kJ/mol

2:b

(2) ① 2858



(3) ① 1.2



29 (1) 1: Fe_2O_3

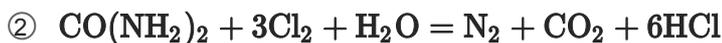
2: H_2SiO_3

(2) 1:将 $\text{Cr}_2\text{O}_7^{2-}$ 还原为 Cr^{3+}

2: $(\text{NH}_4)_2\text{SO}_4$ 、 Na_2SO_4



30 (1) ① 1:B



③ 不变

(2) ① 铁



③

FeO(OH) 不导电，阻碍电子转移

