

# 哈 32 中 2023~2024 学年度上学期 9 月考试

## 化学试题 答案

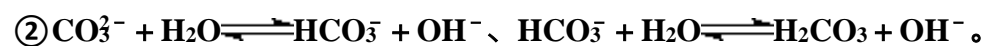
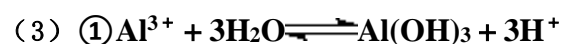
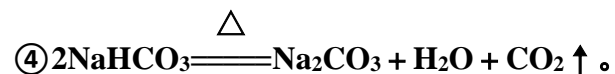
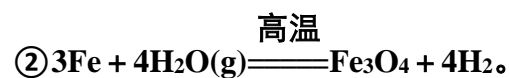
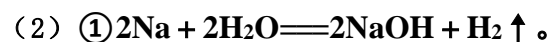
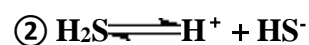
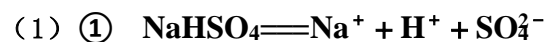
(考试范围物质的分类、离子反应、氧化还原反应 适用班级:高三学年)

二、选择题 (每小题只有 1 个选项符合题意, 每题 5 分, 共 60 分)

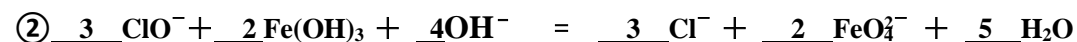
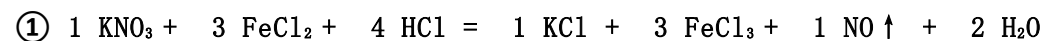
1.A 2.C 3.B 4.B 5.D 6.D 7.C 8.B 9.C 10.A 11.A 12.A 13.C 14.D 15.D

二、非选择题 (共 40 分)

16、(共 22 分) 完成下列方程式



(4) 配平下列化学方程式

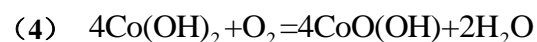


17、(共 8 分)

(1) 适当增大硫酸浓度或适当升高温度或将镍钴矿粉碎增大接触面积



(3) 9.0%



18、(共 10 分)

(1) 滴液漏斗 三颈烧瓶 d

(2) 反应温度接近水的沸点, 油浴更易控温

(3).取少量洗出液, 滴加  $\text{BaCl}_2$ , 没有白色沉淀生成