

2019年天津河北区初三二模化学试卷(答案)

一、选择题

1. C

2. B

3. C

4. D

5. D

6. B

7. D

8. A

9. C

10. A

二、选择题

11. AD

12. D

13. C

14. A

15. AD

三、填空题

16. (1) ④

(2) ②

(3) ⑤

(4) ①

(5) ⑥

(6) ③

17. (1) 加热熔合

(2) 0.03% ~ 2%

(3) 淬火

(4) Cu

(5) 866.0

18. (1) C

(2) 等量的肥皂水

(3) 煮沸

(4) ① 过滤 ; 活性炭

② 3NaCl

(5) 25

四、简答题

19. (1) $3\text{Fe} + 2\text{O}_2 \xrightarrow{\text{点燃}} \text{Fe}_3\text{O}_4$

(2) $\text{CO}_2 + 2\text{NaOH} = \text{Na}_2\text{CO}_3 + \text{H}_2\text{O}$

(3) $\text{Fe}_2\text{O}_3 + 6\text{HCl} = 2\text{FeCl}_3 + 3\text{H}_2\text{O}$

20. (1) CO_2 ; Cu

(2) $\text{C} + \text{CO}_2 \xrightarrow{\text{高温}} 2\text{CO}$

(3) $\text{Fe} + \text{CuSO}_4 = \text{Cu} + \text{FeSO}_4$

(4) $\text{CO} + \text{CuO} \xrightarrow{\Delta} \text{Cu} + \text{CO}_2$

21. (1) 110 g

(2) 直接加水至固体全部溶解

(3) 不饱和 ; 22.5

五、实验题

22. (1) 集气瓶

(2) $2\text{KMnO}_4 \xrightarrow{\Delta} \text{K}_2\text{MnO}_4 + \text{MnO}_2 + \text{O}_2 \uparrow$

(3) $\text{CaCO}_3 + 2\text{HCl} = \text{CaCl}_2 + \text{H}_2\text{O} + \text{CO}_2 \uparrow$; B、D ; $\text{CO}_2 + \text{Ca}(\text{OH})_2 = \text{CaCO}_3 \downarrow + \text{H}_2\text{O}$

(4) C

23. (1) BAC

(2) NaOH 或 Na_2CO_3 ; Na_2CO_3 或 NaOH

(3) 2.5 ; 量筒

(4) $\text{NaCl} + \text{H}_2\text{O} + \text{NH}_3 + \text{CO}_2 = \text{NaHCO}_3 \downarrow + \text{NH}_4\text{Cl}$

24. (1) ① H_2SO_4 ; $\text{Ba}(\text{NO}_3)_2$

② $\text{Na}_2\text{CO}_3 + \text{Ba}(\text{NO}_3)_2 = \text{BaCO}_3 \downarrow + 2\text{NaNO}_3$

(2) 62.3%

六、计算题

25. (1) 3

(2) 14

(3) 3 : 4

(4) 39.1%

26. (1) 5.3

(2) 6.8%