

2018~2019学年深圳南山区高二上学期期末化学试卷

一、选择题

- 1 A 2 B 3 D 4 D 5 B 6 B 7 C 8 D 9 A 10 B 11 C
12 A 13 A 14 C 15 A 16 A

二、非选择题

17 (1) ① 1:<

2:<

② BD

③ 1:0.05

2: $K = 100$

3:向逆反应方向

④ C

(2) $\text{CO}_2(\text{g}) + 3\text{H}_2(\text{g}) = \text{CH}_3\text{OH}(\text{l}) + \text{H}_2\text{O}(\text{l})$, $\Delta H = -130.5 \text{ kJ/mol}$

18 (1) ① $\text{CH}_3\text{COO}^- > \text{HCO}_3^- > \text{ClO}^- > \text{CO}_3^{2-}$

② A

③ 9.9×10^{-7}

(2) ① 2.5×10^{-11}

② 1:c

2:酚酞

③ AD

④

0.1050

19 (1) ① CH_3OH

② 1:0.1

2:B

(2) ① $\text{CH}_4 + 4\text{O}_2^- - 8\text{e}^- = \text{CO}_2 + 2\text{H}_2\text{O}$

② 3

20 (1) 1: $\text{Cu}(\text{OH})_2$

$2:\text{Cu}^{2+} + 2\text{NH}_3 \cdot \text{H}_2\text{O} = \text{Cu}(\text{OH})_2 \downarrow + 2\text{NH}_4^+$

(2) 2.7×10^{-3}

(3) 1:酸

$2:\text{Be}^{2+} + 2\text{H}_2\text{O} = \text{Be}(\text{OH})_2 + 2\text{H}^+$

(4) 4.86