

2018~2019学年天津河西区天津市新华中学高一下学期期末化学试卷(答案)

一、单项选择题 (每小题4分, 共60分)

1. B

2. D

3. B

4. B

5. C

6. B

7. C

8. A

9. C

10. C

11. C

12. A

13. C

14. C

15. D

二、填空题 (共2小题, 共40分)

16. (1) $\text{AX}_3(\text{l}) + \text{X}_2(\text{g}) = \text{AX}_5(\text{s}) \Delta H = -123.8 \text{ kJ} \cdot \text{mol}^{-1}$

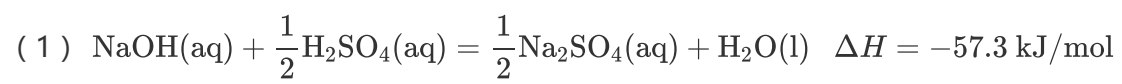
(2) ; $\text{SiCl}_4(\text{g}) + 2\text{H}_2(\text{g}) \xrightarrow{1100^\circ\text{C}} \text{Si}(\text{s}) + 4\text{HCl}(\text{g}) \Delta H = +0.025a \text{ kJ} \cdot \text{mol}^{-1}$ 。

(3) $2\text{HCl}(\text{g}) + \frac{1}{2}\text{O}_2(\text{g}) \rightleftharpoons \text{H}_2\text{O}(\text{g}) + \text{Cl}_2(\text{g}) \Delta H = \Delta H_1 + \Delta H_2$

(4) II

(5) 低; $\text{P}_4(\text{s, 白磷}) = 4\text{P}(\text{s, 红磷}) \Delta H = -29.2 \text{ kJ/mol}$

17.



(2) ① 4.0°C

② -53.5 kJ/mol

③ abc