## **Answers to Chemical Equilibrium in page 871-872**

## Chemical Equilibrium

- 1. 0.286
- 2. 0.00492
- 3. 0.1967
- 4. 4.36
- **5**. 193
- 6. 54.7
- 7. 0.00353 mol/L
- 8. 0.0400
- 9. 34600
- 10. 0.000186
- 11.  $1.65 \times 10^{-5}$
- **12.**  $1.2 \times 10^{-25}$
- **13.**  $2.8 \times 10^{-13}$
- **14.**  $8.9 \times 10^{-14}$  mol/L
- **15.**  $5.7 \times 10^{-4} \text{ mol/L}$
- **16.**  $5.0 \times 10^{-7}$  mol/L
- **17.**  $1.3 \times 10^{-12} \text{ mol/L}$
- **18.**  $2.08 \times 10^{-5}$
- **19.**  $1.3 \times 10^{-26}$  mol/L
- **20**.  $0.056 \times 10^{-9}$  mol/L
- **21.**  $6.1 \times 10^{-8}$  mol/L