

**Answers****Part I:** Multiple Choice Questions

1. A
2. B
3. E
4. D
5. A
6. E
  
7. D
8. A
9. A
10. A
11. E
12. E
13. E
  
14. C
15. C
16. C
17. B
18. B
19. C
20. E
  
21. A
22. D
23. A
24. B
25. B

**Part II:** Short Answer / Calculation.

1.  $\text{CH}_2\text{O}$
2.  $\text{C}_6\text{H}_{12}\text{O}_6$
3. *Names/formulas:*
  - $\text{PBr}_3$
  - sulfur tetrachloride
  - $\text{NaIO}_3$
  - iron(III) chlorite
  - $\text{CaI}_2$
  - $\text{Cr}(\text{NO}_3)_3$
  - ammonium sulfate
  - $\text{K}_3\text{P}$
  - nitric acid
  - calcium hydroxide
4. 0.199 lbs
5.  $\text{Ca}(\text{NO}_3)_2$ , 164.09 g/mol
6.  $-269.0\text{ }^\circ\text{C}$ ,  $-452.1\text{ }^\circ\text{F}$