

Part I: Multiple Choice Questions

1. D
2. E
3. A
4. D
5. B
6. E

7. D
8. C
9. B
10. A
11. A
12. A

13. A
14. E
15. D
16. E
17. E
18. C
19. E

20. C
21. B
22. C
23. A
24. C
25. D

Part II: Short Answer / Calculation.

1. 5.70×10^{25} atoms
2. EF = CH₂O, MF = C₆H₁₂O₆
3. ¹⁰⁷Ag
4. names:
 - a. lithium chromate
 - b. potassium oxalate
 - c. hydroarsenic acid or trihydrogen monoarsenide
 - d. nitrogen trichloride
 - e. ammonium hypochlorite
 - f. sulfur tetrabromide
 - g. calcium hydroxide
 - h. water or dihydrogen monoxide
 - i. titanium(I) nitrite
 - j. sulfur trioxide