Chapter 3 Test Key

1. (a) True
2. (b) False
3. (a) first
4. *S*
5. (b) vulcanized rubber
6. (c) sulfuric acid
7. (b) nonmetallic
8. (b) False
9. (c) diamonds
10. (a) carbon
11. CO_2
12. *CO*
13. *As*
14. *Pt*
15. *Zn*
16. *Ni*
17. O_3
18. (a) True
19. (c) practically inert
20. (d) electrical fuses and fire protection sprinkler systems
21. (a) zinc
22. (d) nickel
23. (b) tungsten
24. liquid
25. (a) True
26. (b) False
27. (a) decreases
28. nitrogen
29. oxygen
30. (a) fully saturated
31. (c) objects of ordinary size
32. (d) carbon
33. (a) electrolysis
34. carbon dioxide
35. (a) carbon dioxide
36. (a) active
37. *N*
38. convection
39. (b) inert
40. (c) both plant and animal life
41. (d) KNO_3
42. (d) nitrogen
43. (b) liquid
44. (a) dynamite
45. (c) nitrous oxide
46. (b) False
47. (a) True
48. (b) Getting sidetracked from pursuing right goals has serious consequences.
49. (a) A first class person does not settle for second best—be a winner—exert whatever effort that is necessary to make the difference.
50. (b) The best way to deal with problems is to confront them instead of running or hiding from them.