Chapter 4 Test Key

1. (b) False
2. (d) plastic
3. directly
4. flow
5. cohesion
6. (d) adhesion
7. capillary action
8. (d) pounds per square inch
9. greater
10. (b) False
11. (b) fluids in motion
12. (a) True
13. top, bottom
14. displaced or shoved aside
15. less
16. 17
17. inversely
18. (c) gases
19. (a) fewer
20. hydrostatics
21. (d) laminar
22. (b) False
23. hydrodynamics
24. (d) Bernoulli's Principle
25. heat
26. melting
27. fusion
28. (b) False
29. (b) temperature
30. (d) low
31. Entropy
32. (a) True
33. (c) lower temperature
34. solids
35. absorber
36. radiation
37. wavelength
38. increase or decrease
39. (a) True
40. amplitude
41. pitch
42. larger
43. (a) True
44. resonance
45. heavier
46. sympathetic vibration
47. (c) Success comes by purposing "I can." Failure comes by thinking "I can't."
48. (b) Preparing ourselves for the future is like "building a door" on which opportunity can knock.
49. (c) Praise people in public; scold them, if you have to, in private.
50. (a) An angry person can be very dangerous.