Chapter 8 Test Key

1. (c) carbon
2. (a) carbons
3. (b) carbon
4. (c) hydrocarbon
5. (d) methane
6. structural
7. single
8. (b) polyethylene
9. (a) carbon
10. (a) carbon
11. (c) rock oil
12. (a) asphalt
13. C_6H_6
14. (c) ring
15. laboratory
16. acid
17. Lactic
18. (d) oxygen
19. (b) capable of being molded
20. (c) thermosetting plastic
21. (b) inert
22. (b) wood alcohol
23. gasohol
24. (d) yeast cells
25. (c) pasteurization
26. (c) cracking
27. chemical
28. $C_6H_{12}O_6$
29. (d) regulate the amount of blood sugar
30. (c) table sugar and cane sugar
31. Nitrogen
32. (d) nitrogen-fixing bacteria
33. fertilizers
34. (b) synthetic
35. (c) vitamin deficiency disease
36. life
37. proteins
38. (d) nitrogen
39. helix
40. amino acids
41. (b) grow and repair tissue
42. protein
43. immune
44. (c) hydrogen sulfide
45. antidote
46. (c) Mountains are like problems—we have to keep chipping away at them, a little at a time, until they are removed.
47. (a) Right and wrong are not determined by majority rule.
48. (b) We can sometimes learn more from our failures than from our successes.
49. (c) Knowledge is limited—it is merely an accumulation of what is already known. Imagination to investigate the unknown is unlimited and can result in new discoveries, inventions and knowledge the world over.
50. (a) Fear and doubt often cause us not to attempt, and thereby lose, good things we could have had.

