Chapter 1 Test Key

1. (c) cell, tissue, organ, system
2. (b) insulin
3. (b) glucagon
4. (c) pituitary gland
5. (b) increased blood pressure
6. (a) positively; negatively
7. (c) sliding filament
8. (c) difficulty controlling blood glucose
9. _d_ skeletal system
10. _f_ nervous system
11. _a_ circulatory system
12. _b_ integumentary system
13. _e_ somatic nervous system
14. _c_ autonomic nervous system
15. _i_ cardiac muscle tissue
16. _g_ skeletal muscle tissue
17. _h_ smooth muscle tissue
18. thalamus
19. brainstem
20. hypothalamus
21. cerebrum
22. cerebellum
23. pituitary gland
24. cerebral cortex
25. _d_ epidermis
26. _g_ dermis
27. _b_ compact bone
28. _f_ spongy bone
29. _a_ red bone marrow
30. _e_ yellow bone marrow
31. _c_ actin
32. tympanum
33. cochlea
34. auditory nerve
35. semicircular canals
36. cornea
37. pupil
38. lens
39. cone
40. rod
41. optic nerve
42. cell body
43. dendrites
44. axon
45. action potential
46. True
47. True
48. (a) That with which you fill your eyes influences who you are and what you become.
49. (a) Harboring bitterness has unhealthy consequences
50. (a) The human body is an awesome creation.