Quiz 5-1 Answer Key

1. (a) attract
2. same
3. (b) False
4. (b) False
5. electrons
6. (c) Conservation
7. (c) like
8. (a) True
9. (a) negative
10. (c) positive
11. (d) negative
12. spherical
13. positive
14. (d) stores an electrical charge
15. (b) False
16. (c) lightning
17. conductor
18. (a) True
19. (c) induction
20. equalize
21. (a) the force between two charged bodies is directly proportional to the product of their charge and inversely proportional to the square of the distance separating them
22. (a) $F = k \frac{Q_1 * Q_2}{r^2}$
23. newton
24. directly
25. square
26. (b) electrical potential
27. (b) electrical potential
28. (a) True
29. anode
30. (a) True
31. (a) True
32. Voltage
33. (b) current
34. (b) current
35. (b) the flow of one coulomb of charge in one second
36. (b) False
37. *use*
38. *do*
39. *value*
40. *busy*