Cells Do I Know? Answer Key

1. Mitochondria
2. Cytoplasm
3. Only lets certain things through
4. Cell Membrane
5. Chloroplast
6. Golgi Apparatus
7. Contains DNA; Controls cell function
8. Cell Wall, Chloroplast
9. Prokaryotic/Bacteria
10. Eukaryotic
11. Lysosomes
12. Active Transport
13. Osmosis
14. Active Transport (c)
15. Swell; Become Isotonic with the solution
16. Active Transport requires energy because it moves from low to high.
17. Shrink
18. Plants, Algae, Bacteria
19. Lipids
20. Carbon Dioxide and Water
21. Does not absorb green light (c)
22. Glucose and Oxygen
23. ATP
24. Anaerobic Respiration/Fermentation
25. Both (c)
26. A
27. C
28. B
29. Not on test
30. Anaerobic (b)
31. ATP
32. Not on test
33. Heterotroph
34. Lactic Acid
35. Oxygen and Glucose
36. Carbon Dioxide, Water, ATP
37. The reactants of each is the products of the other
38. Breathe it out as Carbon Dioxide
39. Stop
40. Light Intensity, Carbon Dioxide Concentration, Amount of Water
41. Alcoholic Fermentation (b)
42. Glucose
43. Autotrophs
44. All of the above (D)
45. Facilitated Diffusion (D)