Genetics’ Test Study Guide Answers

1. Mutation
2. True
3. Genetic Engineering
4. Identical
5. A pedigree
6. A disease or condition that results from mutations
7. Results in uncontrolled growth of cells
8. Cystic fibrosis
9. A female carrier
10. Hemophilia
11. Sex-linked
12. Carriers
13. Down syndrome, 21
14. Use sunscreen on a regular basis
15. Genetically identical to their parent
16. Offspring are susceptible to and die from same diseases as their parent
17. Two cells that are genetically identical to the original cell
18. They receive chromosomes from each parent and have features of both parents
19. Sexual reproduction
20. All is passed to all offspring
21. II-3 is Bb, II-4 is BB or Bb – offspring will be BB or Bb or bb
22. C
23. D
24. C
25. D
26. A
27. C