

Anatomy and Physiology Chapter 2 Exam Study Guide

Use this guide to direct your attention toward the information to be covered by the test.

Chemistry and Biochemistry (Chapter 2)

- 1. Where are the three subatomic particles that make up the atom located?**
- 2. What are the electrical charges of the subatomic particles?**
- 3. Which subatomic particle is responsible for the chemical behavior of atoms?**
- 4. Which type of bond is formed when electrons are shared equally?**
- 5. What type of bond is formed from charged atoms?**
- 6. Which numbers on the pH scale indicate an acid?**
- 7. Which numbers on the pH scale indicate a base?**
- 8. Which numbers on the pH scale indicate a neutral?**
- 9. Which type of compound is starch?**
- 10. Which organic compounds serve as enzymes in catalyzing reactions?**
- 11. How do the nitrogenous bases of DNA pair up when in the double helix?**
- 12. How would you describe the function of enzymes?**
- 13. How does the structure of RNA differ from DNA?**
- 14. What is the outermost shell of electrons?**
- 15. What are some examples of monosaccharides?**
- 16. Which type of macromolecule are enzymes?**
- 17. What can effect the shape of an enzyme?**
- 18. What is the energy compound that supplies usable energy to all our cells?**
- 19. Know the functions for each macromolecule.**
- 20. Know the monomers for each macromolecule.**
- 21. What makes up a nucleotide?**
- 22. What is an acid?**
- 23. What is a base?**
- 24. What is a salt?**
- 25. What do acids release in water?**
- 26. What do bases release in water?**
- 27. What compounds stabilize the pH of a solution by removing or replacing hydrogen ions?**