Apply Your Knowledge to a Range & Variety of Questions

As you build your knowledge and confidence in A&P, practice responding to the more challenging questions—you are likely to encounter similar questions on a test or licensing exam. Your extra effort will pay off at exam time!

Check Your Understanding

5. How does a nucleus within the brain differ from a nucleus within a neuron?
6. How is a myelin sheath formed in the CNS, and what is its function?
7. What is the structural classification of the neuron shown below? What is its usual functional classification? Name the parts labeled a–d.
8. Apply Which structural and functional type of neuron is involved in sensing the smell of your perfume? Which type is needed to transfer the impulses to the brain for integration?

9. Make Connections Which part of the neuron is its fiber? How do nerve fibers differ from the fibers of connective tissue (see Chapter 4) and the fibers in muscle (see Chapter 9)?

For answers, see Answers Appendix.

See p. 431

“Draw” questions ask you to create visuals that reinforce important concepts by drawing a structure, annotating a figure, or creating a summary table.

For questions are now organized into 3 levels of difficulty based on Bloom’s Taxonomy categories:
Level 1: Remember/Understand
Level 2: Apply/Analyze
Level 3: Evaluate/Synthesize

See p. 858 and Answers Appendix

Variety of Questions
End-of-Chapter Review

Apply
Predict What if? Draw and Make Connections

A greater variety and range of self-assessment questions have been added to the Check Your Understanding sections within each chapter and include Apply, Predict What if? Draw, and Make Connections. Dozens of new visual questions ask you to label structures or interpret visual information.

Sample pages