

Practice questions:
Autonomic nervous system

Key: a. Parasympathetic b. Sympathetic c. Both a and b

1. ___ In which division would you find preganglionic cell bodies in the brain stem?
2. ___ In which division would you find preganglionic cell bodies in the spinal cord?
3. ___ In which division would you find axons of preganglionic neurons in cranial nerves?
4. ___ In which division would axons of preganglionic neurons synapse in terminal ganglia?
5. ___ In which division would axons of preganglionic neurons supply impulses to the adrenal gland?
6. ___ In which division do axons of postganglionic neurons release norepinephrine?
7. ___ In which division do axons of postganglionic neurons release acetylcholine?
8. ___ In which division would you find postganglionic cell bodies in prevertebral ganglia?
9. ___ Which division supplies most organs in the thoracic and abdominal cavities via the branches of **one** nerve?

Answers: 1. (A) 2. (C) 3. (A) 4. (A) 5. (B) 6. (B) 7. (C) 8. (B) 9. (A)