

Choose the correct answer from the following questions:

- 1) Preparing the body for the "fight-or-flight" response during threatening situations is the role of the:
 - A) sympathetic nervous system
 - B) somatic nervous system
 - C) enteric nervous system
 - D) afferent nervous system
 - E) parasympathetic nervous system

- 2) Which one of these muscle types is NOT directly controlled by the autonomic nervous system:
 - A) smooth muscle
 - B) cardiac muscle
 - C) skeletal muscle

- 3) The cranial nerve that contains sensory fibers that are involved in hearing is:
 - A) cranial nerve VIII
 - B) cranial nerve II
 - C) cranial nerve IX
 - D) cranial nerve III
 - E) cranial nerve V

- 4) The peripheral nervous system consists of:
 - A) the spinal and cranial nerves
 - B) the brain and spinal cord
 - C) spinal nerves only
 - D) cranial nerves only
 - E) the brain only

- 5) The sympathetic and parasympathetic nervous systems are subdivisions of the:
- A) autonomic nervous system
 - B) voluntary nervous system
 - C) somatic nervous system
 - D) central nervous system
 - E) peripheral nervous system
- 6) The effects of the sympathetic nervous system are essentially opposite of the:
- A) autonomic nervous system
 - B) enteric nervous system
 - C) central nervous system
 - D) parasympathetic nervous system

Application Question:

Lindsay was watching a scary late-night horror movie when she heard a door slam and a cat's yowl. The hair rose on her arms and she was covered with goose bumps. Based upon your knowledge from this chapter, which section and subsection of the human nervous system do you believe is associated with the development of goose bumps because of Lindsay's situation? What evidence can you use to defend your idea?