

Chapter 11 Autonomic Nervous System Multiple Choice

Chapter 1 : Chapter 11 Autonomic Nervous System Multiple Choice

Which division of the autonomic nervous system is “rest-and-digest”? frontal lobe (color red) – motor strip location, impulsivity, short term memory, emotion, voluntary movement, social functioning, creativity, expressive language. Chapter 11: the nervous system 129 the epithalamus contains the pineal gland. the pineal gland secretes melatonin, a hormone that helps regulate the biological clock (sleep-wake cycles). the hypothalamus regulates numerous important body activities. it controls the autonomic nervous system and regulates Chapter 11: nervous system ii 1. if the area of the cerebral hemisphere corresponding whereas the autonomic nervous system consists of fibers chapter 12: nervous system iii 1. if you enter a room and smell a strong odor but the odor soon seems to fade away, you have experienced _____. 2. the olfactory receptors are examples Chapter 11-15 notes – nervous system i. nervous system is divided into two groups: xii. peripheral nervous system – consists of the nerves that branch out from the central nervous system (cns) and connect it to other body the autonomic nervous system include the nerve fibers that System and the autonomic (involuntary) system. chapter 11 the nervous system • mhr 367 to maintain homeostasis, the human body must react to differences in temperature as well as respond to various internal and external stimuli, and it must regulate these responses. the human The brain, cranial nerves, autonomic nervous system, and the special senses chapter objectives after studying this chapter, you should be able to: 1. list the principal parts of the brain. chapter 11 the nervous system: the brain, cranial nerves, autonomic nervous system, and the special senses 247 Figure 14.2 comparison of somatic and autonomic nervous systems. skeletal muscle cell bodies in central nervous system peripheral nervous system effect + + effector organs ach ach smooth muscle (e.g., in gut), glands, cardiac muscle ganglion adrenal medulla blood vessel ach ach ne epinephrine and norepinephrine

Name the parts of the autonomic nervous system and describe how it functions. 6. describe the basic anatomy of the sense organs and explain how they function. chapter 11 • the nervous system: the brain, cranial nerves, autonomic nervous system, and the special senses 173 Anatomy and physiology chapter 11 review questions answers anatomy and physiology chapter 15 the autonomic nervous anatomy and physiology ii chapter 11 nervous system #2 review. 206 anatomy 8: physiology coloring workbook. 2. the heart is called chapter 11 the cardiovascular system 207. 3. answers in the answer blanks. 23 \$11. Chapter 11 nervous system overview: focus on neurons . functions of the nervous system . autonomic nervous system (ans) visceral motor (involuntary) cardiac muscles, smooth muscles, and glands figure 11.10 the spread and decay of a graded potential. depolarized region Enteric division of the autonomic nervous system forms an extensive area of contact with the environment. specialized network of nerves and ganglia forming an integrated neuronal network. system of nerves makes possible the normal motility and secretory functions of the gastrointestinal tract myenteric plexus-between the outer longitudinal and Chapter 15: the autonomic nervous system chapter objectives comparison of somatic and autonomic nervous systems. 1. compare the structural and functional differences between the somatic and autonomic nervous systems. anatomy of autonomic pathways. 2. distinguish between the pre- and postganglionic neurons, in terms of location. 3.

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