

# ***Chapter 7 The Nervous System Study Guide Answer Key***

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**Chapter 7: The Nervous System - Biology 163  
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**Chapter 7 The Nervous System - Alabama School  
of Fine Arts**

**Chapter 7 - The Nervous System Visualizing  
Human Biology by Kathleen Ireland.**

**Chapter 7 The Nervous System**

**Divisions of the nervous system. Figure 7.2. The  
two main subdivisions of the nervous system are  
the central nervous system (CNS) consisting of  
the brain and spinal cord, and the peripheral  
nervous system (PNS) consisting of . and is  
covered by the meninges. The CNS is the main  
integration center of the body. Sensory  
information**

**The Nervous 7 CHAPTER OUTLINE System W  
B. Also known as the involuntary nervous system  
• Automatic Functioning A. There are 2 divisions  
1. Sympathetic Division 2. Parasympathetic  
Division**

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## **Quizlet**

**The autonomic nervous system is the part of the nervous system that supplies the internal organs, including the blood vessels, stomach, intestine, liver, kidneys, bladder, genitals, lungs, pupils, heart, and sweat, salivary, and digestive glands. The autonomic nervous system has two main divisions.**

## **Chapter 7 The Nervous System Flashcards | Quizlet**

**Chapter 7 - The Nervous System. the lowest part of the brain stem that merges into the spinal cord and includes important fiber tracts and control centers 1. heart rate control 2. blood pressure regulation 3. breathing 4. swallowing 5. vomiting.**

## **Chapter 7 - The Nervous System Flashcards | Quizlet**

**Chapter 7 - The Nervous System. The human body has a very complex job in keeping everything working and functioning properly. The nervous system must coordinate millions of different functions and keep everything working properly. The major components of the nervous system are the brain, spinal cord and nerves.**

## **Chapter 7 - The Nervous System - Grygla Public School**

### **Chapter 7 - The Nervous System I.**

**ORGANIZATION OF THE NERVOUS SYSTEM - master control & communication. Control behavior of other tissues (increase or decrease activity) in order to maintain homeostasis. \*along with endocrine system, which acts slower but has longer effects. - monitor changes, take info to CNS via an afferent pathway, CNS makes**

## **Chapter 7 - The Nervous System**

**Flash cards consisting of information covered in the chapter 7 power point slides "Nervous System" as well as the notes taken in class.**

### **"Nervous System" - Chapter 7: The Nervous System ...**

**Peripheral Nervous System. -Nervous system subdivision that is composed of the cranial and spinal nerves and ganglia. -A major subdivision that serves as communication lines, linking all parts of the body to the CNS. Somatic Nervous System. Subdivision of the PNS that controls voluntary activities such as the activation of skeletal muscles.**

## **Chapter 7 - The Nervous System Flashcards | Quizlet**

**Chapter 7- The Nervous System. I. Functions of the nervous system A. Sensory input- gathering information 1. To monitor changes occurring inside and outside the body 2. Changes = stimuli B. Integration 1. To process and interpret**

**sensory input and decide if action is needed C.  
Motor output 1. A response to integrated stimuli  
2.**

## **Chapter 7- The Nervous System**

**Most are found in the central nervous system**

**Gray matter - cell bodies and unmylenated fibers**

**Nuclei - clusters of cell bodies within the white**

**matter of the central nervous system Ganglia -**

**collections of cell bodies outside the central  
nervous system**

## **Chapter 7 The Nervous System - Alabama School of Fine Arts**

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**Chapter 7 The Nervous System. The student is  
expected to: (A) identify the effects of  
environmental factors such as climate, pollution,  
radioactivity, chemicals, electromagnetic fields,  
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**The central nervous system (CNS) is the brain  
and spinal cord, and the organs of the peripheral  
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THE CENTRAL NERVOUS SYSTEM. The CNS**

**consists of the brain and spinal cord, which are located in the dorsal body cavity.**

**Chapter 7: The Nervous System - Amazon S3**

**Chapter 7 - The Nervous System. 1. □ Sensory input—gathering information □ To monitor changes occurring inside and outside the body □ Changes = stimuli □ Integration □ To process and interpret sensory input and decide if action is needed. 2. □ Motor output □ A response to integrated stimuli □ The response activates muscles or glands. 3. Figure 7.1.**

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**peripheral nervous system (PNS) Nervous system subdivision that is composed of the cranial and spinal nerves and ganglia. autonomic nervous system. Subdivision of the PNS that regulates the activity of the heart and smooth muscle, and of glands; it is also called the involuntary nervous system.**

**Chapter 7 - The Nervous System - Anatomy &**

**Physiology ...**

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*Chapter 7 - The Nervous System*

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Chapter 7 - The Nervous System - SlideShare

***Chapter 7 - The Nervous System. The human body has a very complex job in keeping everything working and functioning properly. The nervous system must coordinate millions of different functions and keep everything working properly. The major components of the nervous system are the brain, spinal cord and nerves. Chapter 7: The Nervous System - Biology 163 with G at***

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## CHAPTER 7 THE CENTRAL NERVOUS SYSTEM ANSWER KEY PDF | pdf ...

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*"Nervous System" - Chapter 7: The Nervous System*

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## **The Nervous System CHAPTER OUTLINE**

**Peripheral Nervous System.** -Nervous system subdivision that is composed of the cranial and spinal nerves and ganglia. -A major subdivision that serves as communication lines, linking all parts of the body to the CNS. **Somatic Nervous System.** Subdivision of the PNS that controls voluntary activities such as the activation of skeletal muscles.

Chapter 7- The Nervous System. I. Functions of the nervous system  
A. Sensory input- gathering information  
1. To monitor changes occurring inside and outside the body  
2. Changes = stimuli  
B. Integration  
1. To process and interpret sensory input and decide if action is needed  
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## **Chapter 7 The Nervous System**

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*Page 11/13*

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