

### **What is the main function of the autonomic nervous system**

- A. Controlling voluntary movements
- B. Maintaining balance and coordination
- C. Regulating involuntary bodily functions
- D. Processing sensory information

### **How many divisions does the autonomic nervous system have**

- A. 3
- B. 4
- C. 2
- D. 1

### **What are the two main divisions of the autonomic nervous system**

- A. Sympathetic and parasympathetic
- B. Somatic and autonomic
- C. Motor and sensory
- D. Central and peripheral

### **Which division is responsible for the "fight or flight" response**

- A. Sympathetic
- B. Parasympathetic
- C. Digestive
- D. Endocrine

### **Which division is responsible for the "rest and digest" response**

- A. Endocrine

- B. Somatic
- C. Sympathetic
- D. Parasympathetic

**What neurotransmitter is primarily used by the sympathetic nervous system**

- A. norepinephrine
- B. dopamine
- C. acetylcholine
- D. serotonin

**What neurotransmitter is primarily used by the parasympathetic nervous system**

- A. Dopamine
- B. Serotonin
- C. Epinephrine
- D. Acetylcholine

**Which division of the autonomic nervous system is responsible for increasing heart**

- A. Central
- B. Sympathetic
- C. Somatic
- D. Parasympathetic

**Which division of the autonomic nervous system is responsible for decreasing heart**

- A. Somatic
- B. Sympathetic
- C. Parasympathetic
- D. Central

## **What is the role of the autonomic nervous system in regulating blood pressure**

- A. Regulating body temperature
- B. Regulating blood pressure
- C. Digestion
- D. Controlling muscle movement

## **What part of the brain controls the autonomic nervous system**

- A. Hypothalamus
- B. Temporal lobe
- C. Frontal lobe
- D. Cerebellum

## **How does the autonomic nervous system regulate breathing**

- A. By releasing hormones
- B. By controlling the diaphragm and intercostal muscles
- C. By controlling digestion
- D. By regulating blood pressure

## **What role does the autonomic nervous system play in regulating body temperature**

- A. It manages muscle movement
- B. It controls digestion
- C. It helps regulate body temperature
- D. It coordinates sensory input

## **How does the autonomic nervous system affect digestion**

- A. Regulates body temperature

- B. Affects muscle movement
- C. Controls breathing
- D. Regulates digestion process

### **What is the role of the autonomic nervous system in controlling bladder function**

- A. Regulates body temperature
- B. Regulates bladder contraction and relaxation
- C. Controls digestion
- D. Controls blood pressure

### **How does the autonomic nervous system respond to stress**

- A. By slowing down heart rate
- B. By relaxing the body
- C. By activating the fight or flight response
- D. By promoting rest and digest

### **How does the autonomic nervous system affect the pupils of the eyes**

- A. Affects taste perception
- B. Controls pupil size
- C. Regulates blood pressure
- D. Controls hearing ability

### **What is the role of the autonomic nervous system in controlling sweating**

- A. Manages digestion
- B. Controls heart rate
- C. Regulates sweat production
- D. Regulates body temperature

## **How does the autonomic nervous system regulate blood flow to different organs**

- A. By releasing hormones
- B. By regulating body temperature
- C. By controlling heart rate
- D. By adjusting the diameter of blood vessels

## **How does the autonomic nervous system interact with the somatic nervous system**

- A. They communicate through the spinal cord
- B. They are part of the same nervous system
- C. They do not directly interact
- D. They both control involuntary functions

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