

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

- A. Fight or flight
- B. Rest and digest
- C. Regulate body temperature
- D. Control muscle movements

**Answer: B. Rest and digest**

## **Where are the cell bodies of the parasympathetic preganglionic neurons located**

- A. Brainstem and sacral spinal cord
- B. Cerebral cortex
- C. Peripheral ganglia
- D. Sympathetic ganglia

**Answer: A. Brainstem and sacral spinal cord**

## **Which neurotransmitter is released by parasympathetic postganglionic neurons**

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

**Answer: A. Acetylcholine**

## **What is the nickname for the parasympathetic nervous system**

- A. Sympathetic Nervous System

- B. Fight or Flight
- C. Rest and Digest
- D. Autonomic Nervous System

**Answer: C. Rest and Digest**

**What is the rest-and-digest response associated with the parasympathetic nervous system?**

- A. Releasing adrenaline
- B. Increasing heart rate and breathing
- C. Calming the body and conserving energy
- D. Fight or flight response

**Answer: C. Calming the body and conserving energy**

**Which cranial nerves are involved in the parasympathetic nervous system?**

- A. Cranial nerves IV, VI, VIII
- B. Cranial nerves V, VII, X
- C. Cranial nerves III, VII, IX, X
- D. Cranial nerves I, II, III

**Answer: C. Cranial nerves III, VII, IX, X**

**What is the effect of the parasympathetic nervous system on heart rate?**

- A. Stabilizes heart rate
- B. No effect on heart rate
- C. Increases heart rate
- D. Decreases heart rate

**Answer: D. Decreases heart rate**

**How does the parasympathetic nervous system affect digestion**

- A. It stimulates digestion
- B. It inhibits digestion
- C. It has no effect on digestion
- D. It speeds up digestion

**Answer: A. It stimulates digestion**

**What is the function of the parasympathetic nervous system in the eye**

- A. Regulates tear production
- B. Controls eye movement
- C. Dilates the pupil
- D. Constricts the pupil

**Answer: D. Constricts the pupil**

**What is the opposite of fight-or-flight response in terms of the parasympathetic nervous system**

- A. Calm-and-heal
- B. Rest-and-digest
- C. Relax-and-recover
- D. Sleep-and-recover

**Answer: B. Rest-and-digest**

### **What is the role of acetylcholine in the parasympathetic nervous system**

- A. It stimulates fight or flight response
- B. It acts as a neurotransmitter
- C. It controls digestion
- D. It regulates heart rate

**Answer: B. It acts as a neurotransmitter**

### **What is the main neurotransmitter released by the parasympathetic nervous system**

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

**Answer: D. Acetylcholine**

### **What is the name of the ganglia located close to the target organ in the parasympathetic nervous system**

- A. Autonomic ganglia
- B. Spinal ganglia
- C. Cervical ganglia
- D. Terminal ganglia

**Answer: D. Terminal ganglia**

### **What is the role of the parasympathetic nervous system in sexual arousal**

- A. Controls muscle contractions during arousal

- B. Promotes relaxation and arousal
- C. Regulates body temperature during arousal
- D. Inhibits sexual arousal

**Answer: B. Promotes relaxation and arousal**

**What is the effect of the parasympathetic nervous system on salivation**

- A. Stops
- B. No effect
- C. Decreases
- D. Increases

**Answer: D. Increases**

**How does the parasympathetic nervous system affect bladder function**

- A. Inhibits bladder contraction
- B. Promotes bladder emptying
- C. Has no effect on bladder function
- D. Causes bladder retention

**Answer: B. Promotes bladder emptying**

**What is the effect of the parasympathetic nervous system on respiratory rate**

- A. Decreases
- B. Stabilizes
- C. No effect
- D. Increases

**Answer: A. Decreases**

**What is the role of the parasympathetic nervous system in promoting relaxation**

- A. It causes increased heart rate
- B. It activates rest and digest functions
- C. It triggers fight or flight response
- D. It promotes stress and anxiety

**Answer: B. It activates rest and digest functions**

**How does the parasympathetic nervous system influence glandular secretions**

- A. Has no effect on glandular secretions
- B. Activates muscle contractions
- C. Stimulates glandular secretions
- D. Inhibits glandular secretions

**Answer: C. Stimulates glandular secretions**

**What is the relationship between the parasympathetic nervous system and the enteric nervous system**

- A. The enteric nervous system controls the parasympathetic nervous system.
- B. They are completely unrelated.
- C. The parasympathetic nervous system works in conjunction with the enteric nervous system.
- D. The parasympathetic nervous system inhibits the enteric nervous system.

**Answer: C. The parasympathetic nervous system works in conjunction with the enteric nervous system**

