

# Introduction to the Human Brain

Neuroscience · Practice Test · 8 Questions

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**1. Which part of the brain is primarily responsible for balance, coordination, and muscle control?**

- A) Cerebellum
- B) Frontal lobe
- C) Brainstem
- D) Occipital lobe

**2. What is the name of the main cell type that sends and receives electrical signals throughout the nervous system?**

- A) Red blood cell
- B) Neuron
- C) Skin cell
- D) Platelet

**3. Which lobe of the brain is located at the back of the head and is primarily responsible for processing visual information?**

- A) Temporal lobe
- B) Parietal lobe
- C) Occipital lobe
- D) Frontal lobe

**4. The brain is protected by a hard structure of bone. What is this structure called?**

- A) Spine
- B) Ribcage
- C) Skull
- D) Pelvis

**5. What is the gap between two neurons where information is passed via chemical signals?**

- A) Axon
- B) Synapse
- C) Dendrite
- D) Nucleus

**6. Which part of the brain connects to the spinal cord and controls automatic functions like breathing and heart rate?**

- A) Cerebrum
- B) Cerebellum
- C) Brainstem
- D) Frontal lobe

**7. The human brain is divided into two halves, which are known as the left and right what?**

- A) Hemispheres
- B) Lobes
- C) Cortexes
- D) Cerebellums

**8. Which part of the brain is responsible for complex functions like reasoning, planning, and personality?**

- A) Brainstem
- B) Occipital lobe
- C) Frontal lobe
- D) Cerebellum