

UPGRADE to the Bundle

Crash Course ANATOMY & PHYSIOLOGY 48 Episode Series Bundle

- ✔ Classroom Ready - Just Print and Go!
- ✔ Active Engagement - Keep Students' Attention
- ✔ Direct Video Link Included

WATCH VIDEO



ALL 48 Episodes with Answer
Keys and Direct Video Link



CLICK HERE



Crash Course Anatomy & Physiology #8: The Nervous System Part 1

Name: _____ Date: _____

You can access the video here → https://youtu.be/qFiv_X-9tE?si=a8HwEbFDYOILSJx

1. The three main functions of the nervous system are sensory input, _____, and motor output.
2. The _____ nervous system includes the brain and spinal cord.
3. The _____ nervous system consists of all the nerves that branch from the brain and spinal cord.
4. The _____ (afferent) division carries sensory stimuli to the brain.
5. The _____ (efferent) division sends signals from the brain to muscles and glands.
6. The _____ nervous system controls voluntary muscle movement.
7. The _____ nervous system manages involuntary activities like heartbeat and digestion.
8. The _____ division of the autonomic system gets the body ready for action.
9. The _____ division of the autonomic system calms the body down.
10. _____ are the specialized cells that transmit electrical and chemical signals.
11. The _____, or cell body, contains the nucleus and organelles of a neuron.
12. The short branching extensions of a neuron that receive messages are called _____.
13. The _____ is the long projection that carries impulses away from the cell body.
14. Glial cells called _____ create the myelin sheath in the peripheral nervous system.
15. _____ neurons carry signals between sensory and motor neurons within the central nervous system.

Crash Course Anatomy & Physiology #8: The Nervous System Part 1 KEY

1. The three main functions of the nervous system are sensory input, **integration**, and motor output.
2. The **central** nervous system includes the brain and spinal cord.
3. The **peripheral** nervous system consists of all the nerves that branch from the brain and spinal cord.
4. The **sensory** (afferent) division carries sensory stimuli to the brain.
5. The **motor** (efferent) division sends signals from the brain to muscles and glands.
6. The **somatic** nervous system controls voluntary muscle movement.
7. The **autonomic** nervous system manages involuntary activities like heartbeat and digestion.
8. The **sympathetic** division of the autonomic system gets the body ready for action.
9. The **parasympathetic** division of the autonomic system calms the body down.
10. **Neurons** are the specialized cells that transmit electrical and chemical signals.
11. The **soma**, or cell body, contains the nucleus and organelles of a neuron.
12. The short branching extensions of a neuron that receive messages are called **dendrites**.
13. The **axon** is the long projection that carries impulses away from the cell body.
14. Glial cells called **Schwann cells** create the myelin sheath in the peripheral nervous system.
15. **Interneurons** carry signals between sensory and motor neurons within the central nervous system.

15 Questions

Answer Key Included

Save 85% per worksheet!