Nervous System: Science Trek Video Quiz Questions:
Nervous System Introduction Quiz – Teacher Key

Instructions: Use this quiz as a quick check for understanding after students have viewed the video the Nervous System: Science Trek during the Engage phase of your 5E lesson. Correct answers are marked.

True or False

1. The nervous system is like the body's wiring, stretching from the brain to the toes.
   True

2. The spinal cord is part of the peripheral nervous system.
   False – It is part of the central nervous system.

3. The autonomic nervous system controls voluntary actions like walking and talking.
   False – It controls involuntary actions like breathing and digestion.

4. Nerve cells can easily repair themselves if damaged.
   False – Nerve cells rarely get repaired or renewed.

Multiple Choice

5. Which of the following is NOT part of the nervous system?
   A. Central nervous system
   B. Peripheral nervous system
   C. Circulatory system
   D. Autonomic nervous system

6. What protects the spinal cord?
   A. Skull
   B. Vertebrae
   C. Ribs
   D. Muscles

7. What carries messages into the nerve cell body?
   A. Axons
   B. Dendrites
   C. Synapses
   D. Receptors

8. What chemical helps messages cross the synapse between nerve cells?
A. Hormone
B. Neurotransmitter
C. Enzyme
D. Plasma

9. What is a reflex reaction?
A. A voluntary movement controlled by the brain
B. An automatic response to a stimulus
C. A slow decision-making process
D. A type of neurotransmitter

10. What do stretch sensors in joints and muscles help monitor?
A. Blood pressure
B. Body position
C. Temperature
D. Reflex speed