

Human Biology 3AB- Onaiza Khan
Chapter 7- Control of Movement and Balance

What two parts of the nervous system control the movement and balance of our bodies?

- The central nervous system (CNS): the brain and the spinal cord
- The peripheral nervous system: nerves that connect to each part of our body

What is the peripheral nervous system composed of?

1. An afferent division: containing sensory neurons; bringing nerve impulses from sensory receptors towards the CNS.

What is afferent division composed of?

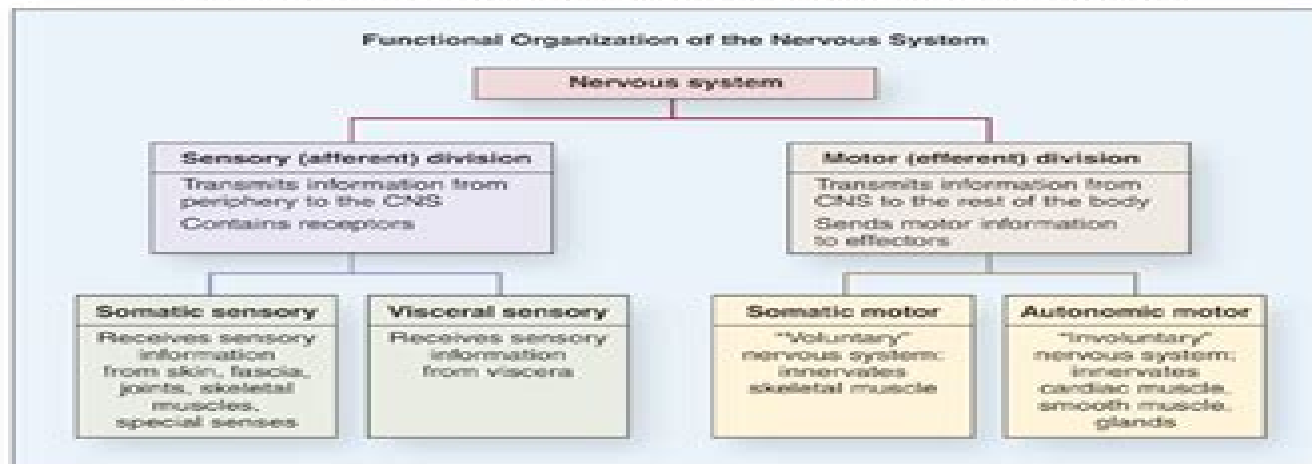
- A somatic (body) portion: carry nerve impulses from skin and muscle.
- A visceral (internal organs) portion: carry nerve impulses from the internal organs.

2. An efferent division: containing motor neurons; carrying nerve impulses towards muscles and glands.

What is the efferent division composed of?

- A somatic portion carrying nerve impulses towards skeletal muscles.
- An autonomic division carrying nerve impulses towards smooth muscle, cardiac muscle and glands.

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Human Perspectives 3ab Answers

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