Neurons

Introduction

1. Every \_\_\_\_\_\_\_\_\_\_\_\_\_, impulse, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and action is rooted in a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ event.
2. Before we can understand/appreciate human behavior and mental processes, we must understand the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ connection.

The Neuron

1. The basic \_\_\_\_\_\_\_\_\_\_\_\_\_\_ that conduct/create thoughts, feelings, and behavior are neurons.
2. Three Types
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Sensory): relay messages from sense organs to spinal cord and brain.
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Motor): relay signals between central nervous system and muscles/glands.
   3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ : carry information between neurons in brain and spinal cord.
3. Three Parts of a Neuron
   1. Cell Body (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_) contains the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are the primary receivers of signals
   3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the tail-like structure that sprouts into branches.

Another Important Cell—Glial Cell

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ adhesive.
2. Also act like garbage \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Magic at the Synapse

1. Neurons are not \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ connected.
2. Information is exchanged between the \_\_\_\_\_\_\_\_\_\_ terminals and then neuron cell \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ at the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. So, what causes the intensity of our emotions?