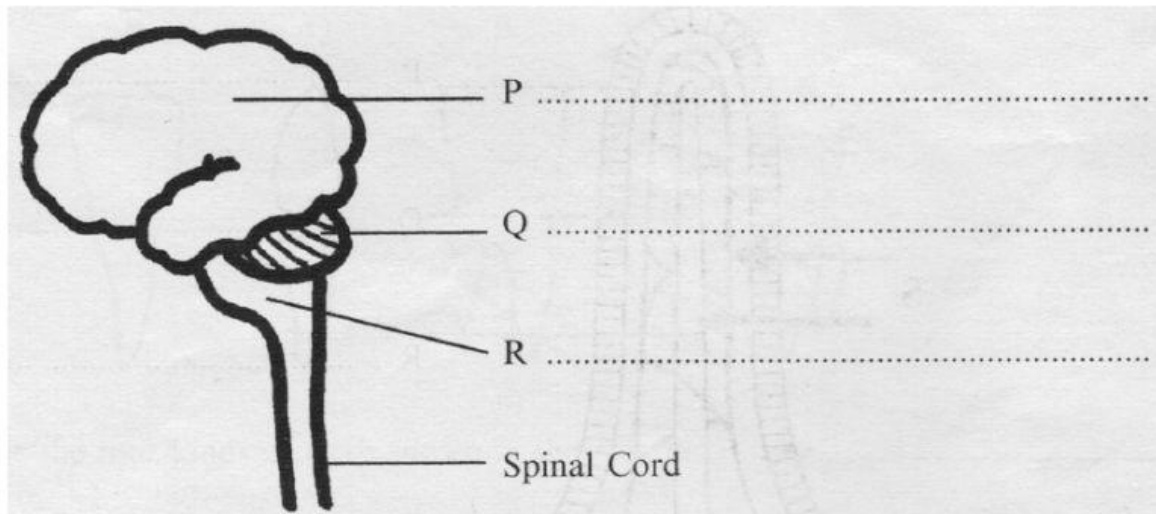


Worksheet

1. The diagram below shows the human brain and part of the spinal cord, seen from the side.



- a. Write the names of the three parts of the brain on the diagram labeled P, Q and R. [3]
- b. Name the system of the body to which the brain and spinal cord belong.
 _____ [1]
- c. The delicate brain and spinal cord are enclosed and protected by parts of the skeleton. Name the part of the skeleton that encloses and protects:
 - (i) The brain _____ [1]
 - (ii) The spinal cord _____ [1]
- d. The brain is connected to and receives information from sense organs of the body. Name two sense organs that are connected directly to the brain.
 1. _____ [1]
 2. _____ [1]
- e. The part of the brain labeled R controls the vital reflex activities of the body that are essential for life. Name any two of these vital body activities.
 1. _____ [1]
 2. _____ [1]

2. Complete each sentence below by filling in the blank spaces. Choose your words from the word box below. **Words may be used once, more than once or not at all.**

Interneurons	Synapse	Peripheral	Dendrite	Sensory Neurons
Central	Neuron	Axon	Motor Neurons	Reflex

- a. The working unit of the nervous system is the _____.
- b. _____ conducts impulses from the brain to muscles or glands.
- c. The brain and spinal cord make up the _____ nervous system.
- d. The branch of the neuron cell body that receives messages is called a _____.
- e. The small space between one neuron and the next is called a(n) _____.
- f. _____ send impulses to the brain and spinal cord.
- g. The cranial nerves and the spinal nerves make up the _____ nervous system.
- h. Small nerve cells found in the brain and spinal cord are called _____.
- i. The _____ is the extension of the neuron cell body that carries away messages.
- j. An automatic response to a stimulus is called a _____.