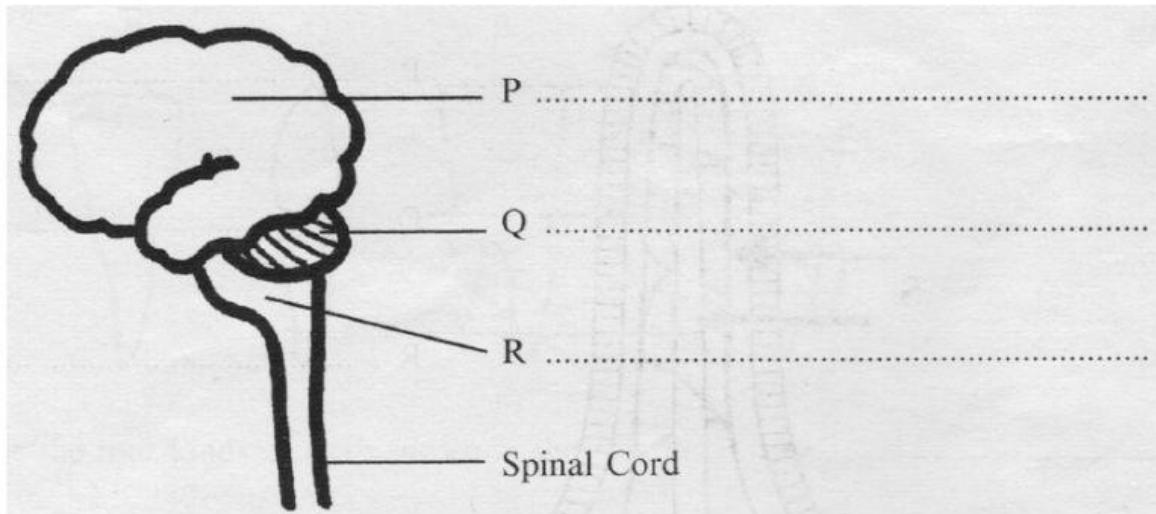


## Worksheet

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 \_\_\_\_\_.