

Activity Worksheet

Challenging brain

Sub : Science

Grade: X

Date:

Name:

ID No.....

Word Box

Topic: Flow of nerve impulse in the body

Directions: Complete the paragraph given below choosing the words from the word box in the spaces provided.

dendritic tip

axon

synapse

neuron

chemical reaction

electrical impulse

cell body

chemicals

nerve cells or neurons

impulses

muscle cells or gland

The information, acquired at the end of the _____ of a nerve cell, sets off a _____ that creates an _____. This impulse travels from the dendrite to the _____, and then along the _____ to its end. At the end of the axon, the electrical impulse sets off the release of some _____. These chemicals cross the gap, or _____, and start a similar electrical impulse in a dendrite of the next _____. This is the general scheme of how nervous impulses travel in the body. A similar synapse finally allows delivery of such _____ from neurons to other cells, such as _____. Thus, nervous tissue is made up of an organised network of _____, and is specialised for conducting information via electrical impulses from one part of the body to another.