



Human Nerve cell

2. Trace the pathway of impulse conduction in your body?

When the receptors present in our sense organ detect some disturbance, by the help of disturbance a impulse is created and the impulse is send to the brain. by the help of ~~all~~ neurons present in our body.

3. What do you mean by reflex action? What is its significance?



This is a rapid, automatic response to a stimulus which is not under the voluntary control of the brain is known as reflex action.

The reflex action helps us in protecting us from any sudden stimulus which may harm us and thus takes care of the survival of an organism.

4. Classify neurons on the basis of neurites.

Neurons are classified into sensory neurons and motor neurons.

The work of sensory neurons is to send the electrical impulse from receptors to brain.

The work of motor neuron is to send the electrical impulse generated by the brain for the reflex action, to the effector or receptor.