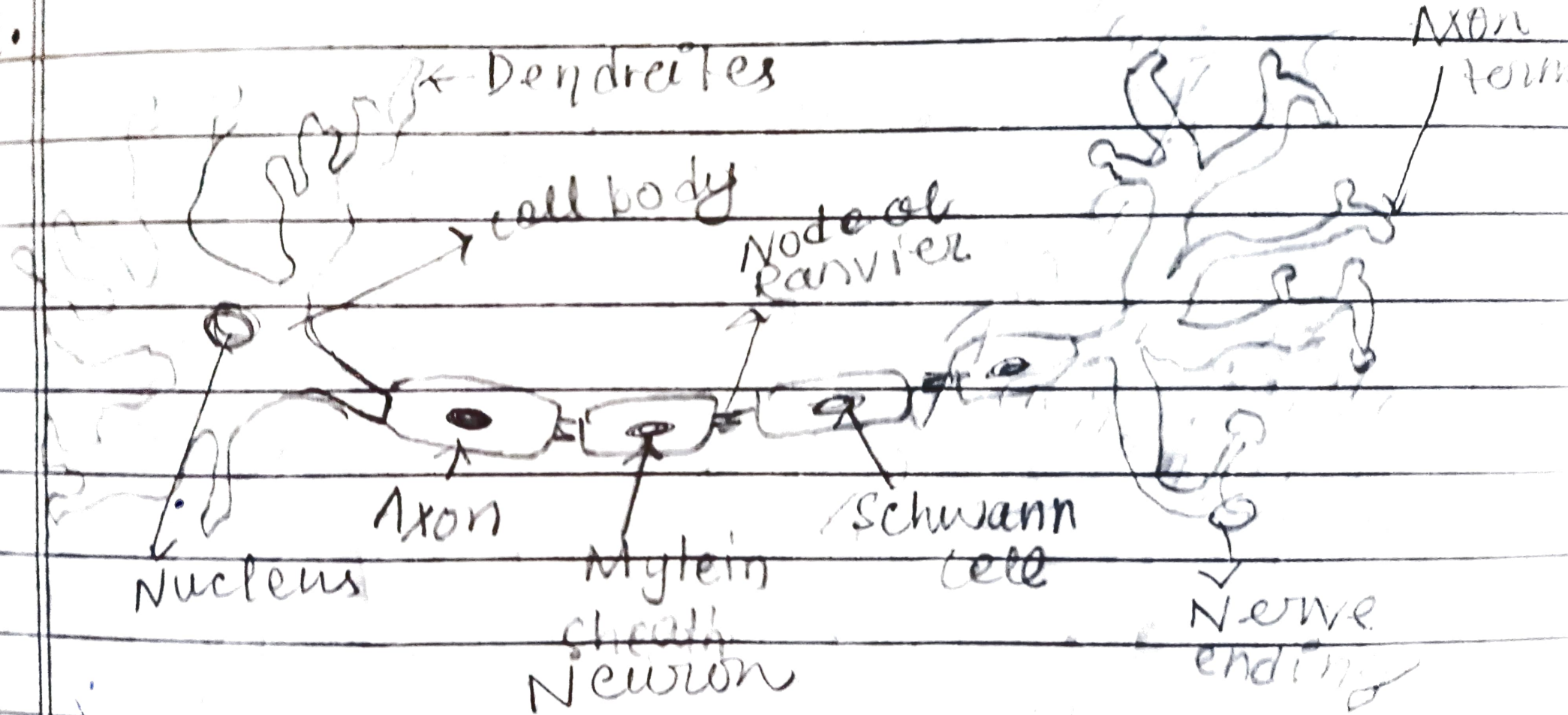


1.



HOME ASSIGNMENTS

2. Trace the pathway of impulse conduction in our body.

Nerve impulse travels along the neuron in the form of the dendrites then to the cell body and then to the axon. Hence, Dendrite → Cell body → Axon is the pathway that a nerve impulse travels through a neuron.

The electrical impulse generated at dendrite of a ~~neuron~~ presynaptic neuron is passed on to dendrite of ~~another~~ post synaptic neuron in the form of chemicals by an ending of the presynaptic neuron.

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

Reflex action is ~~the~~ a rapid, ~~is~~ automatic response to a stimulus which is not ~~is~~ under the voluntary control of brain.

Significance of Reflex action —

- It plays a vital role for the survival of the animals
- It relieves the brain from maximum strain.

- It protects the animals from harmful situations by immediate responses.

4. Classify neurons on the basis of neurites
Neuron can be classified as Axon & dendrites
on the basis of neurites.