

Q) Classify neurons on the basis of neurites.

A) Sensory, relay & motor neurons.

Q) What is the role of CSF?

A) It protects the brain from mechanical shocks.

Q) Write any two conditions in which Cerebrum & Cerebellum work together.

A) walking & Running

Q Differentiate between myelinated & non-myelinated neurons.

A- Myelinated Neurons

- * Covered with Myelin sheath
- * Conduction of the action potential is fast.
- * Nodes of Ranvier are present at intervals.

Non-myelinated Neurons

- * Not covered with Myelin sheath
- * Conduction of the action potential is slow.
- * Nodes of Ranvier are absent.

Q What is a synapse? How does it happen?

A synapse is a gap between the nerve ending of one neuron to the dendrites of another neuron. It happens when an electrical signal is to be passed from one neuron to the other.