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1. CSF assists the brain by providing protection, nourishment, and waste removal. Cerebrospinal fluid is filled between the meninges. It provides cushion to the brain against mechanical shocks.

2. Medullated neuron

It contains medullary sheath.

The conduction of nerve impulse is ~~fast~~

Non-Medullate neuron

It does not contain medullary sheath.

The conduction of impulse is much

much faster than non-medullated neuron.

slower than medullated neuron.

Also called myelinated neuron.

Also called as non-myelinated neuron.

3. During jogging, running, cycling in these conditions both cerebrum and cerebellum work together. The cerebellum functions the balancing and coordination with the body and cerebrum controls all voluntary activities.

4. Synapse is a very small gap that occurs between that last portion of axon of one neuron and the dendron of the other neuron.

It acts as a one way valve to transmit impulse in one direction only. The unidirectional transfer of impulse occurs as the chemical are produced in one side of the neuron. From axon, the impulse travel across the synapse to the dendron of the other neuron.