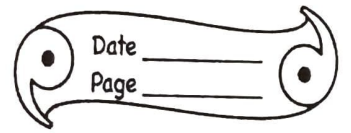


HW
15/7/21



1- Cerebrospinal Fluid →

- ▶ Protects the brain from any shocks or damage.
- ▶ Supplies nourishment to brain and its other components.

2- Non-medullated Neurons Medullated Neurons

- | | |
|--|---|
| (i) These are neurons which don't have myelin sheath. | (i) These are neurons which have myelin sheath. |
| (ii) Nodes of Ranvier are are absent. | (ii) Nodes of Ranvier are present. |
| (iii) Conduction of electrical impulses is quite slow. | (iii) Conduction of electrical impulse is comparatively fast. |

3- Example 1 :- While walking on a less friction/
slippery surface.

Example 2 :- People performing stunts like walking on a rope at height.

4 → A synapse is a small gap between 2 neurons, where nerve impulses are relayed by a neurotransmitter from the ^{synaptic node} ~~cell~~ of a presynaptic neuron to dendrite of postsynaptic neuron.

→ During synaptic transmission, electric impulse triggers the synaptic vesicles of the pre synaptic neuron to release neurotransmitters.

→ These neurotransmitters diffuse fully in the synaptic gap and bind to specialised receptor sites on post synaptic neuron.

→ At the dendrites, the chemical message is converted into an electric impulse and the process of transmission occurs again.