

BIOLOGY

Worksheet

Q1. What is the role of CSF

→ CSF assists the brain by providing protection, nourishment, and waste removal.

→ CSF provides hydro-mechanical protection of the neuraxis through two mechanisms first, CSF acts like shock absorber cushioning the brain against the skull.

Q2. How would you differentiate between myelinated neurons and non-myelinated neurons?

ans. Myelinated Nerve fiber	Non myelinated fiber
<ul style="list-style-type: none"> Myelinated nerve fiber is a nerve fiber with a medullary sheath 	<ul style="list-style-type: none"> Non-myelinated nerve fiber is a nerve fiber without medullary sheath
Myelinated nerve is found in white matter	Non-myelinated nerve fiber is found in grey matter

• The action potential does not propagate over the internodes and jumps from node to node. Action potential propagates all along the axons.

3) Q) Write any two conditions in which Cerebrum and cerebellum work together?

Ans) The conditions are in which Cerebrum and cerebellum work together:
↳ posture maintain
↳ Balance

4) Q) What is Synapse how does it happen?

Ans) The gap between two nerves is called Synapse. At a synapse one neuron sends a message to a target neuron at a chemical synapse or an axon (another cell).