

H.W
15/7/21

1. What is the role of CSF?

Ans

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

Ans Medullated neuron

- ① It contains medullary sheath.
- ② The conduction of nerve impulse is much faster than Non-Medullated neuron.
- ③ Also called as myelinated neuron

Non-Medullated neuron

- ① It does not contain medullary sheath.
- ② The conduction of impulse is much slower than medullated ~~neurons~~ neurons.
- ③ Also called as non-myelinated neuron

Q3. Write any two conditions in which cerebrum and cerebellum work together.

Ans 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. What is synapse? How does it happen?

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

→ It acts as a one way valve to

transmit impulses in one direction only. The uni-direction transfer of impulse occurs as the chemicals are produced in one side of the neuron. From axon, the impulses travel across the synapse to the dendron of the other neuron.