

Home Assignment dt-12/2/20

① What is the role of CSF?
and Cerebro spinal fluid (CSF)
is a colourless fluid found
in the spinal cord of brain.
Its functions are:-

① → It acts as a shock
absorber & thus protecting the
brain from mild injuries.

→ It gives cushion to the
brain against the skull.

→ It also circulates nutrients
from the blood and removes
waste products from the
brain.

② How would you differentiate
between mediated and
non-mediated neurons.

Ques

Myelinated neurone

- Medullary sheath is present.
- They appear white in fresh state.
- Conducts the nerve impulse faster.
- Collateral nerve fibres are present.

non-myelinated neurone

- Medullary sheath is absent.
- They appear grey in fresh state.
- Conducts the nerve impulse at slower rate.
- Collateral nerve fibres are absent.

(3)

write any two conditions for cerebellum wash together?

Ans

Learning and cerebellum playing badminton

(1) What is a Synapse & how does it happen?

Ans. A synapse is the point of communication between two neurons.

At a synapse, one neuron sends a message to a target brain cell or muscle cell.

(2) An electrical nerve impulse travels along the length of an axon.

(3) When the nerve impulse reaches the dendrites at the end of the axon, chemical messengers called neurotransmitters are released.

(4) These chemicals diffuse across the synapse (the gap between two neurons).