# بِسْمِ اللهِ الرَّحْمٰنِ الرَّحِيْمِ বিস্মিল্লাহির রাহ্মানির রাহীম



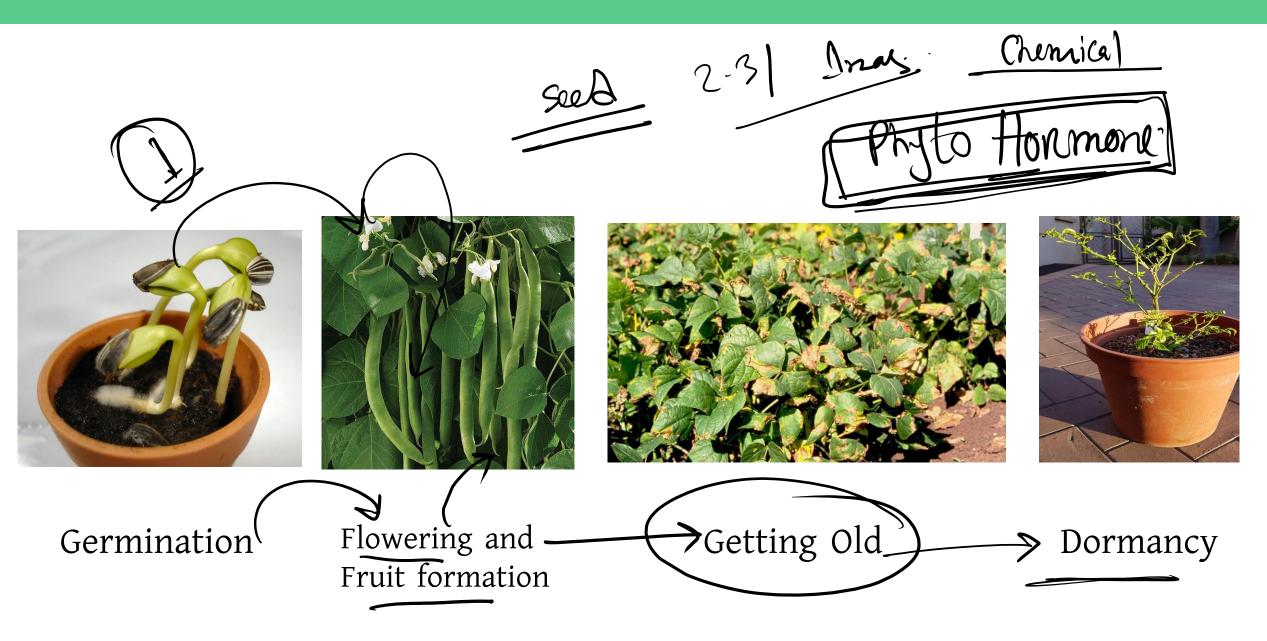


co mco

## Class Eight- Science Care

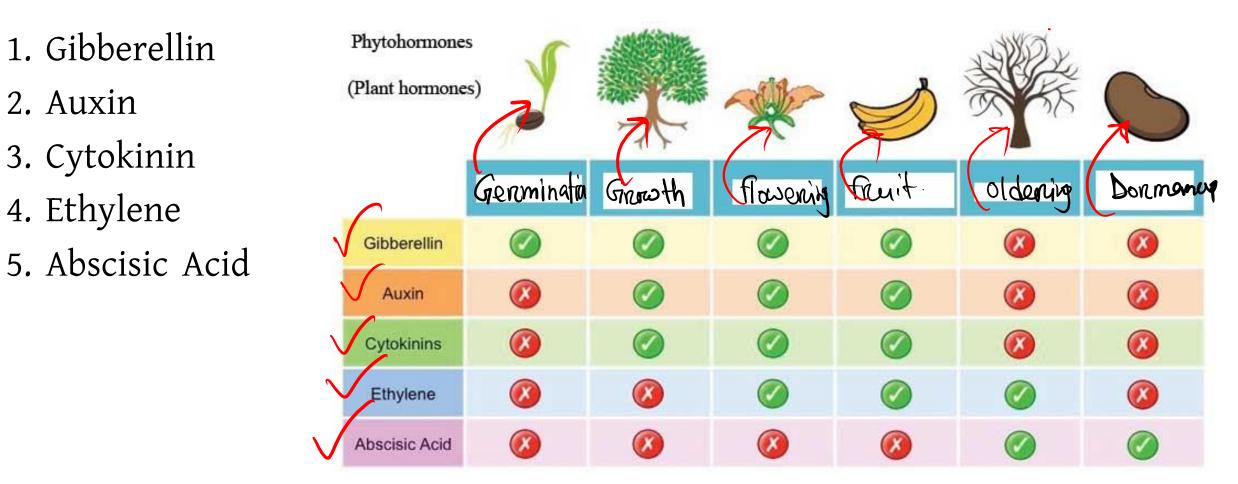
Chapter 5 "Co-ordination and Secretion

#### What is Co-ordination and Secretion?

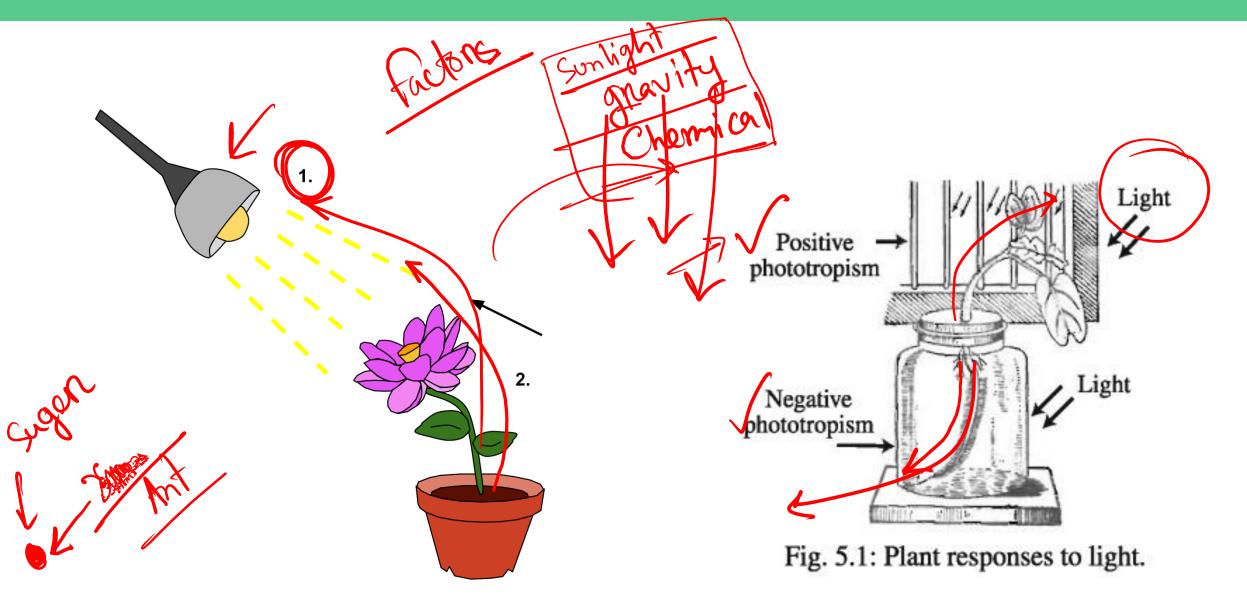


#### What is Phytohormones and Why?

\*Phytohormones are organic chemicals which are formed to control the germination, flowering, Fruit formation, dormancy of a plant. And make a balance Honigen = flowening between these periods. \*\*After formation the Phytohoppione's travel different ends of the plant and work in Charl & darwin different ways. noton . -. \*\*Some Phytohormones are 1. Auxin 2. Gibbere lin 3. Cytokinin 4. Abscisic Acid "nhibita 5. Ethylene

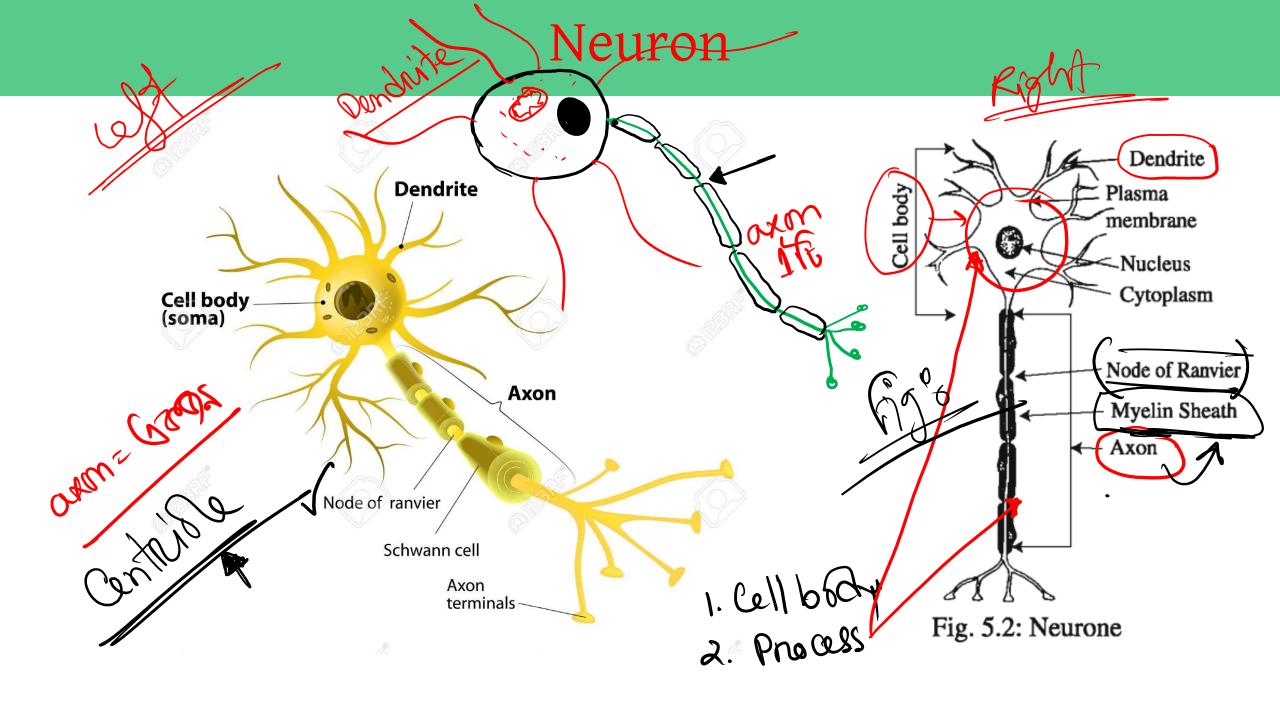


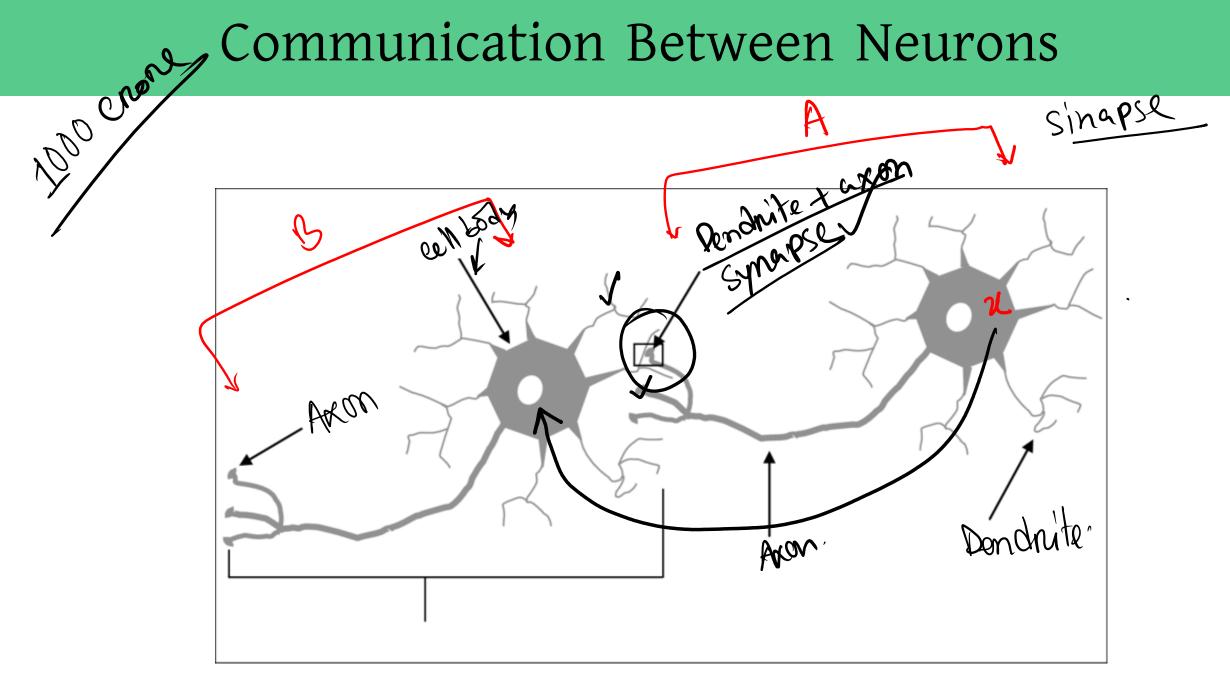
#### Phototropism

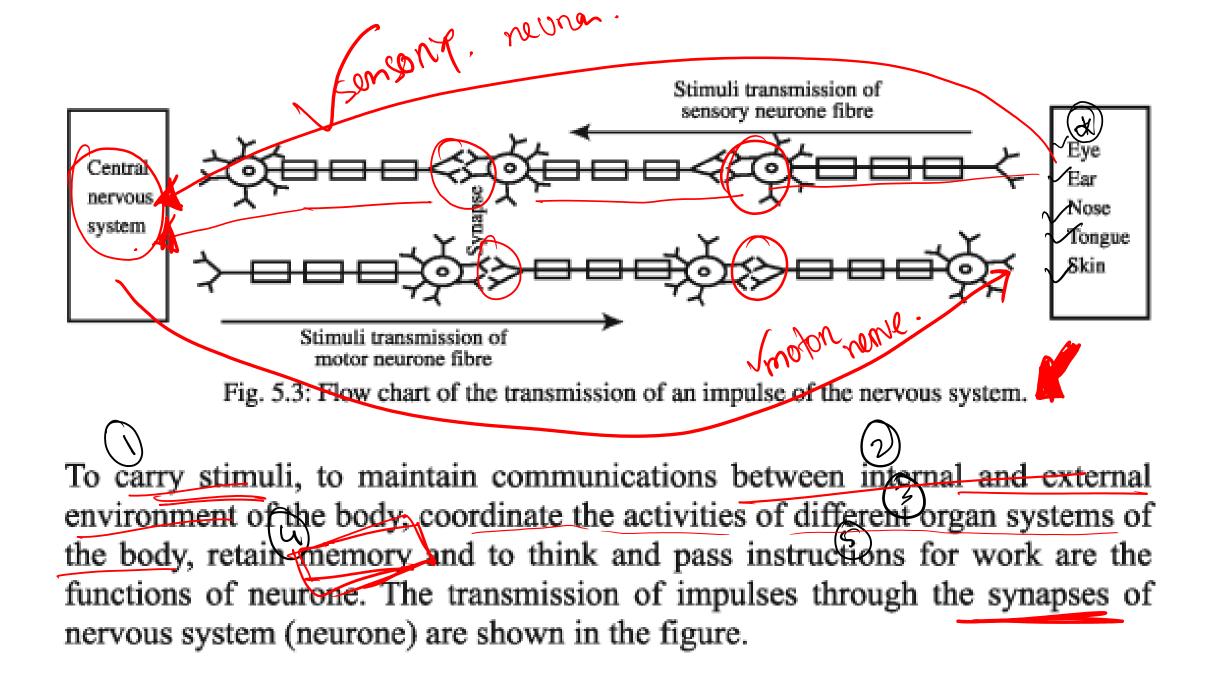


### Co-ordination in animals: Nervous System

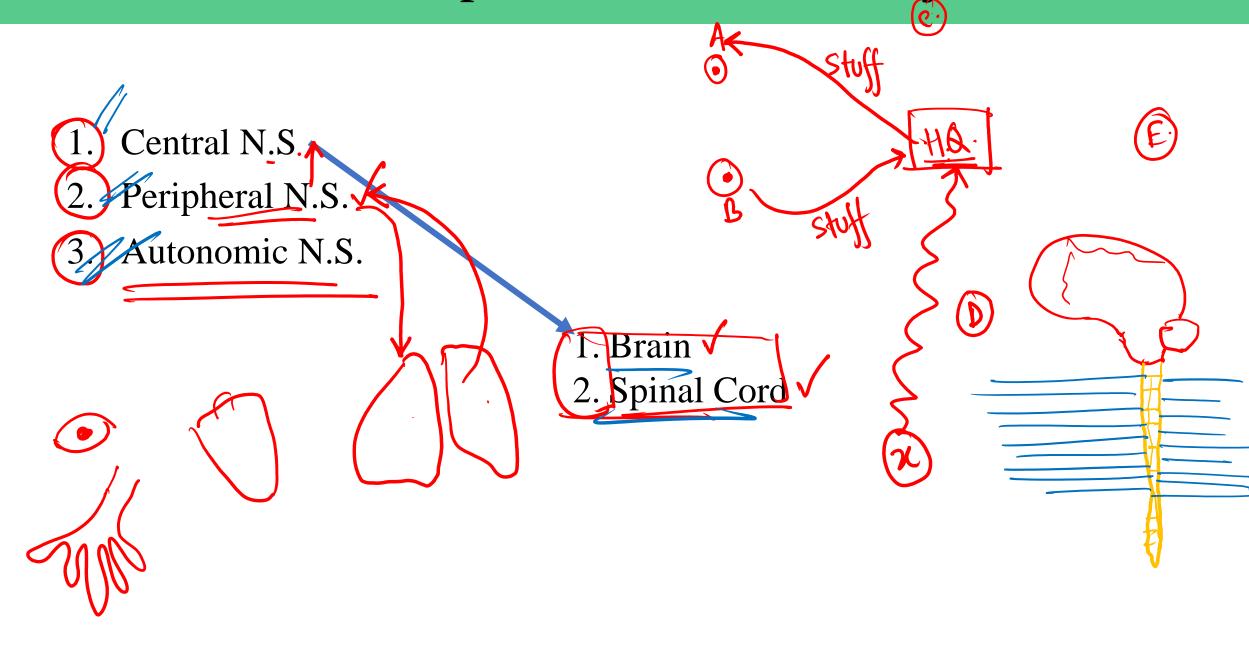
To Carry stimuli from different parts of the body, co ordinate the activities of different organ system of the body, and to keep harmony with the environment are the main functions of Nervous system. Brain is the main part of nervous system, which is formed by numerous specialized cells called Neuron or Nerve cell Jeer



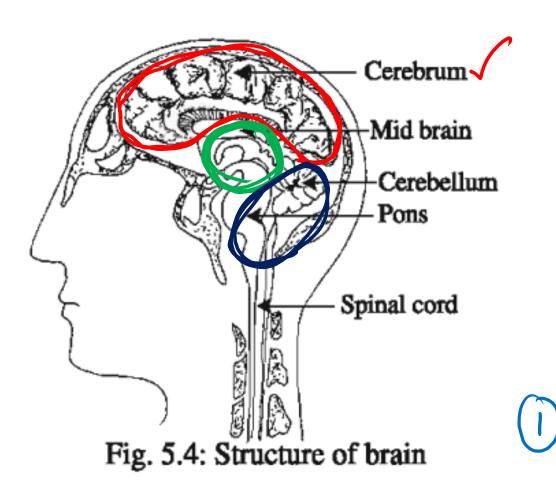




#### There are 3 parts of Nervous System



#### Brain





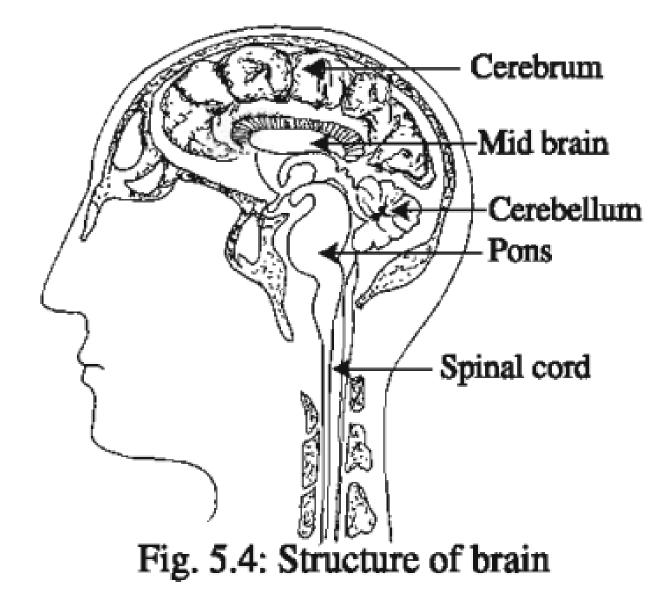
ma

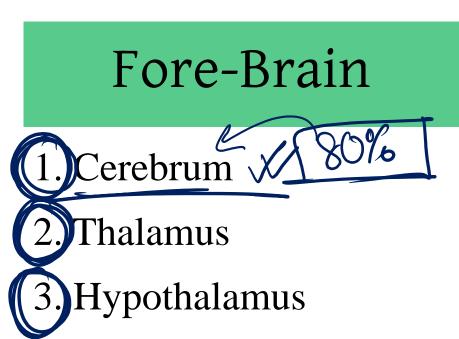
#### 2.Mid Brain

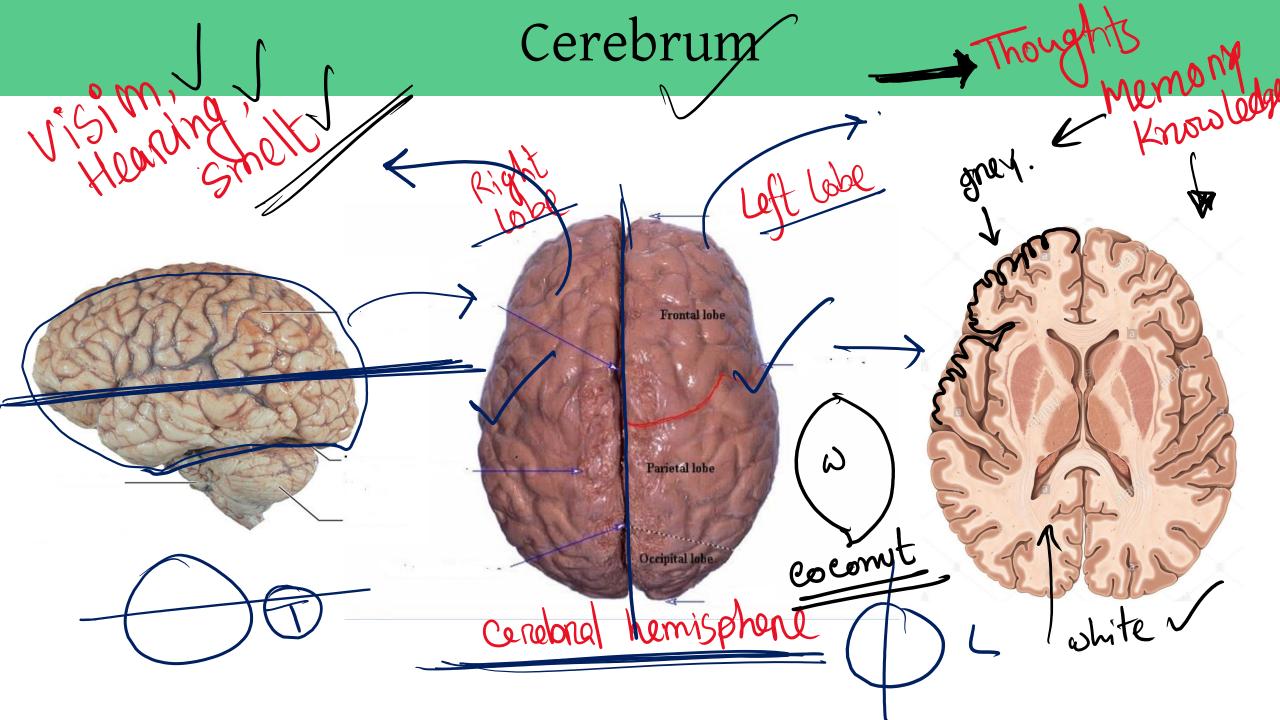
Moninges

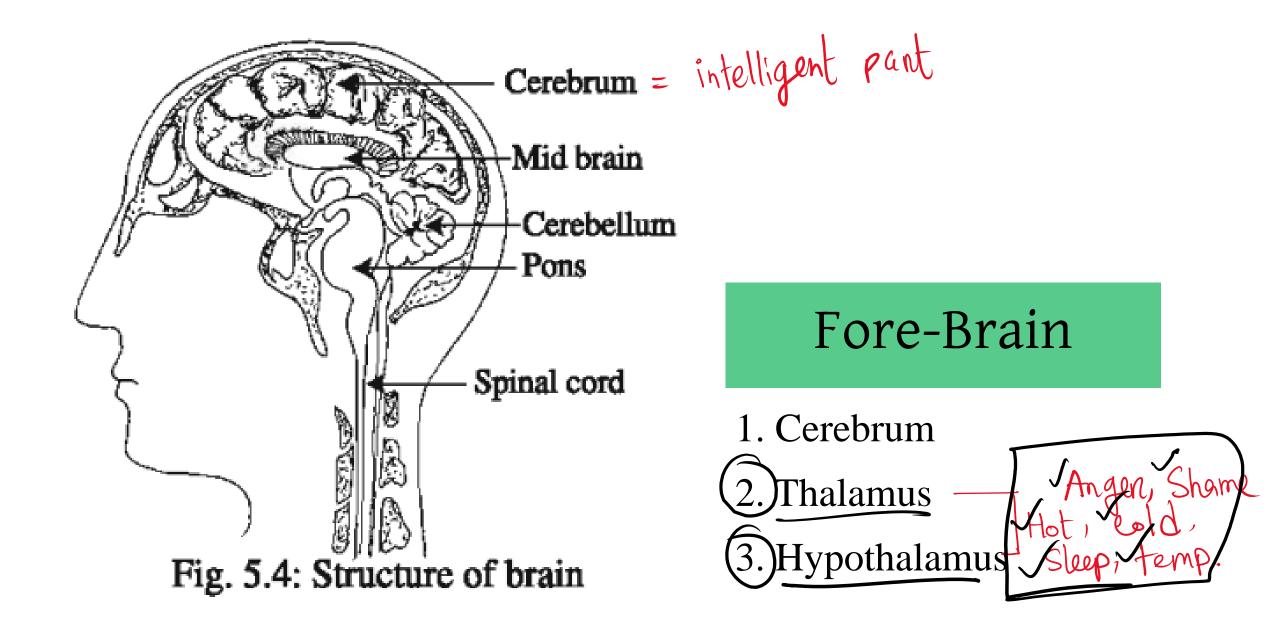
3.Hind Brain

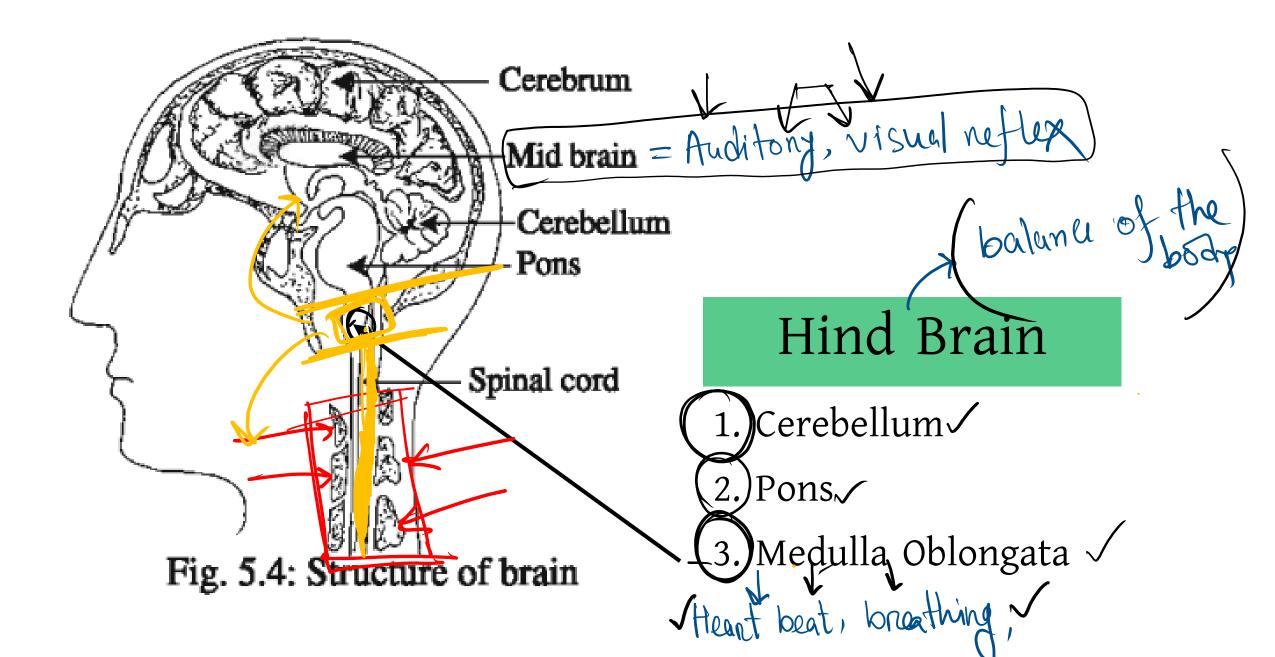
Fore brain



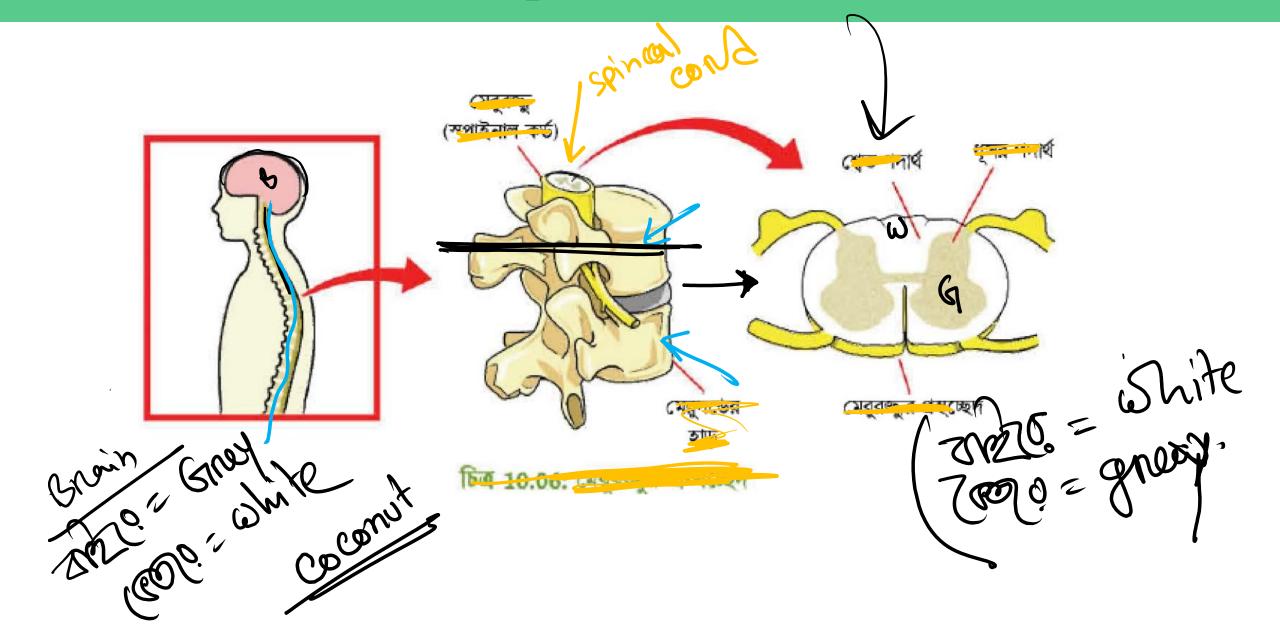




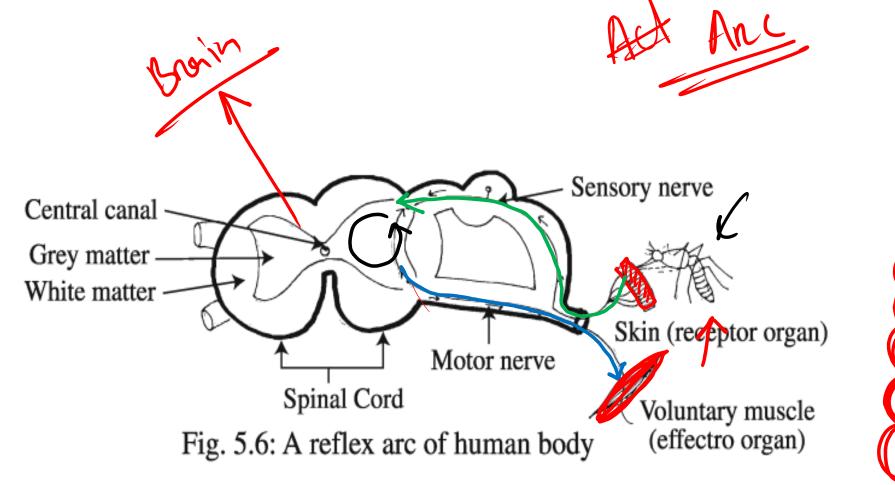




#### Spinal Cord

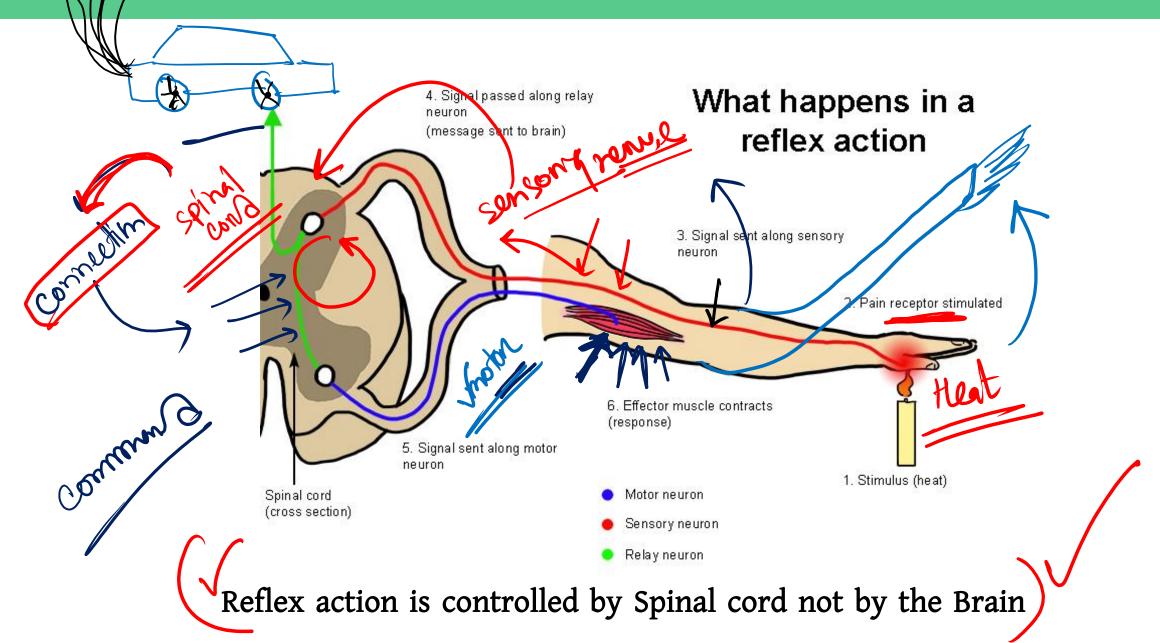




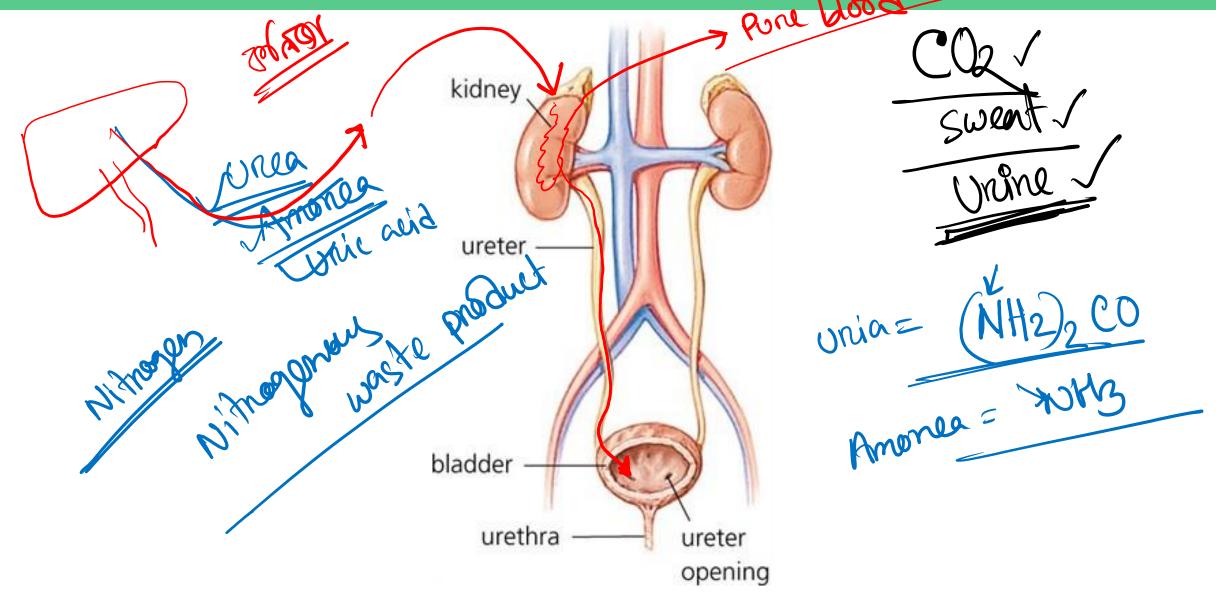


There are 5 parts of a Reflex arc-1) Receptor - Skin 2) Sensory Nerve 3) Reflex center 4) Motor nerve 5. Effector organ

#### **Reflex Action**



# The Excretory System



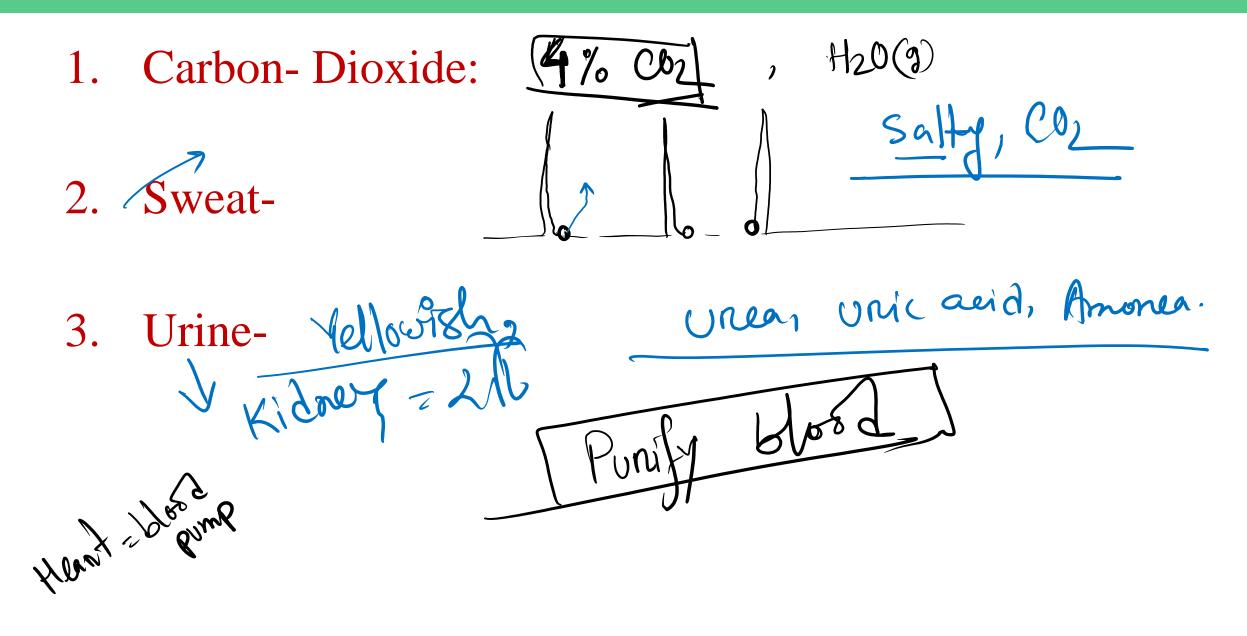
#### Excretion

Excretion is a process by which organism removes harmful, unwanted waste products from the body.

Different types of wastes are formed into body due to metabolism Such as- Carbon Dioxide, Urea, Water etc. These should be removed form the body because of poisonous effects | Moreover, they are toxic and their retention in the body may cause intoxication and even death of the organism. These waste products are DOL expelled out from the body mainly through expelled air, sweat and urine. Thus, Lungs, skin and kidney are the three cost organs of excretion. Urea is a hitrogenous waste which is too harmful for the body, 80% of the total nitrogenous excretory products are eliminated through Urine. So, Kidney is termed as the main excretory organ of the body.

7

#### Excretory waste products



# লেগে থাকো সৎভাবে, স্বপ্ন জয় তোমারই হবে

'র্দ্দ্রান্স-উন্মেষ শিক্ষা পরিবার