

BRAIN



BRAIN:

Location of brain: Below the cranium (skull).
*
- कपालमास्थ

Weight: 1350-1450gm

- average weight of brain: 1400gm - 20 years 3gm/yr
- Weight of brain in child : (350-400)gm

Function of Brain:

1. To provide Intelligence

सामान्य बुद्धि

2. To control our body →

Parts of Brain: 3

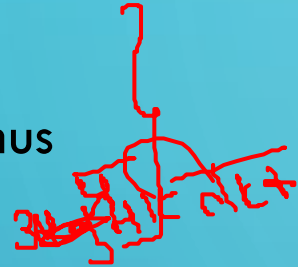
अग्र मस्तिष्क

1. Fore Brain: largest part of our brain

Thalamus

Hypothalamus

Cerebrum



F.B > H.B. > M.B

मध्य

2. Mid Brain: Smallest part of our brain

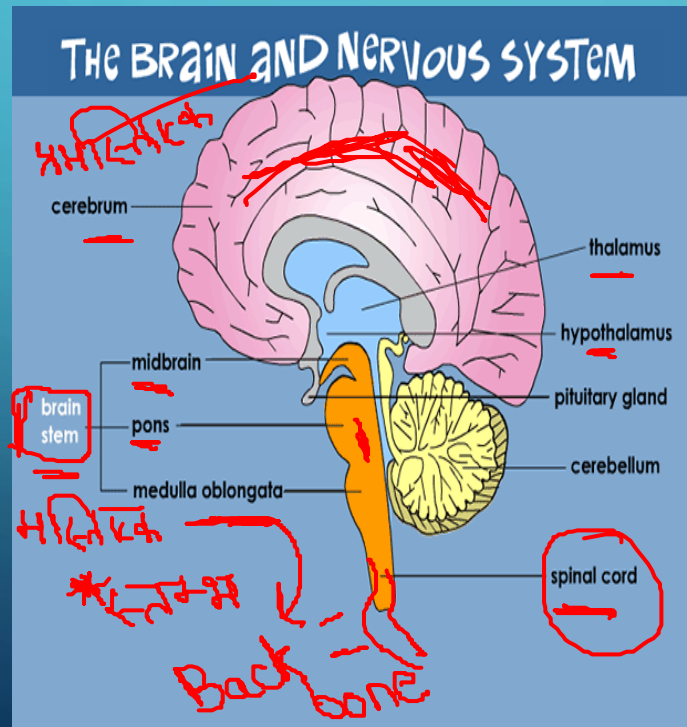
3. Hind Brain: पश्च

Medulla Oblongata

Cerebellum

Pons

अनुम.



Function of Medulla Oblongata:

It mainly controls "Involuntary Function"

अनारिक्त

There are 2 types of Involuntary Mechanism:

1. Vital Mechanism: All the function which are needed by our body and in its absence our body dies.

- - जीवन क्रिया - -

Example: Heart beat, respiration, excretion, circulation of blood,

Digestion

- पाचन

घसन श्वसन

उत्सर्जन

रक्त

2. Accessory Functions: All the function which is needed by our body but in its absence our body does not die.

सहायक क्रिया ✓

Example: yawn, hiccups, cough, sneezing, snoring, burp, vomit, उल्टी

Blinking of eyes.

उकासी टिचकी खोसी दौक

खर्राटा बकाह

Function of Cerebellum:

अनुमतिक

Also known as "Little Brain" / "Tree of Life"

जीवन का वृक्ष

Respiration

M.O.
Pons

Cerebell

Latin

1. Helps in muscle motion/motor function

पेशीय संकुचन

चल गति *

2. Regulates Body posture

3. Balancing of body संतुलन

4. Helps in speaking

अनुमतिक

Alcohol शराब

Small

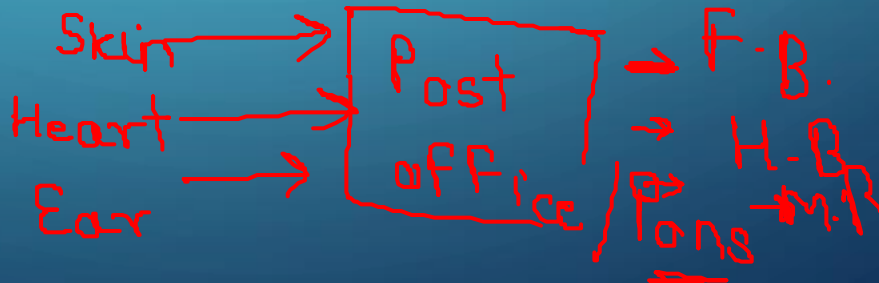
Brain

↓
Cerebellum

Function of Pons:

1. Communicate body and brain

2. Helps Medulla Oblongata



Function of Mid Brain:

Also known as “sixth sense”

1. It controls auditory and visual functions.

Function of Fore Brain: It is also known as “Higher Brain”.

Thalamus: It controls:

Nose- Smell

Tongue- Taste

Skin- External Pain, External Temperature, touch

Hypothalamus: It controls:

1. Feelings (hunger, thirst, sleep, fear, love).
2. Regulates Body Temperature.

Cerebrum:

Largest sub part of brain

80% of fore brain

Functions:

1. Provides Intelligence
2. Formation and storage of memory
3. Logical Reasoning
4. Communication
5. Thinking, Concentration, Creativity
6. Distance, Direction, Speed
7. Emotions