



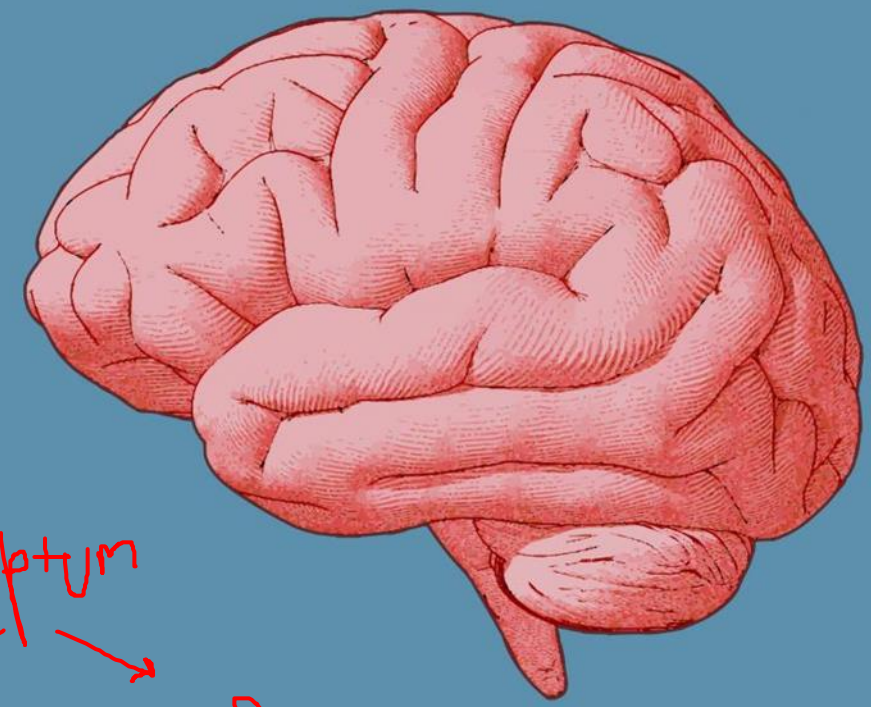
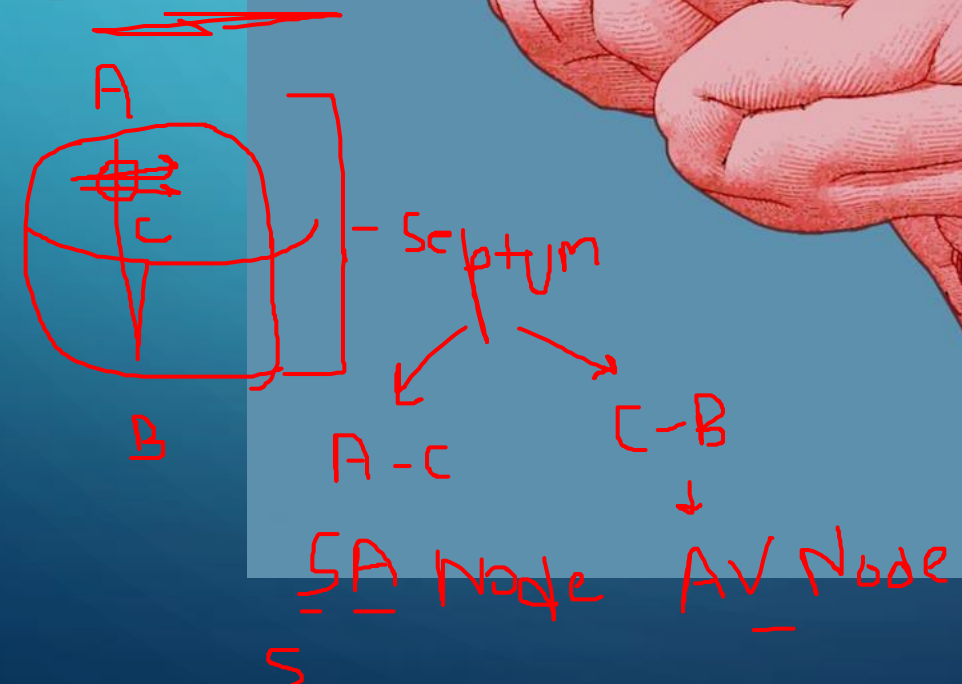
An Initiative by **अमरउजाला**

5-7 y  
Pacemaker → Pm-shock-SA\*  
Pacemaker → Pacemaker-battery-AV

Fossa Ovalis  
↓  
SA

72/min  
↓ 40

Mild → Li Electrode



# BRAIN:

Location of brain: Below the cranium (skull).

Weight: (1350-1450)gm

- average weight of brain: 1400gm (20y)
- Weight of brain in child : (350-400)gm

3.7gm/y

## Function of Brain:

1. To provide Intelligence
2. To control our body

# Parts of Brain:

## 1. Fore Brain: largest part of our brain

Thalamus ✓

Hypothalamus ✓

Cerebrum ✓

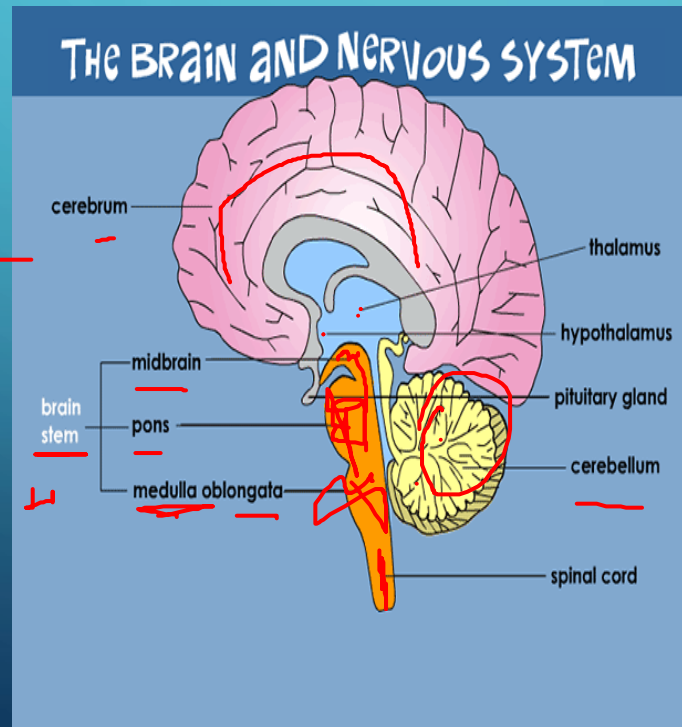
## 2. Mid Brain: Smallest part of our brain

## 3. Hind Brain:

→ Medulla Oblongata

Cerebellum

Pons





# Function of Medulla Oblongata:

It mainly controls “Involuntary Function”

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.

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

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

Example: yawn, hiccups, cough, sneezing, snoring, burp, vomit,  
Blinking of eyes.



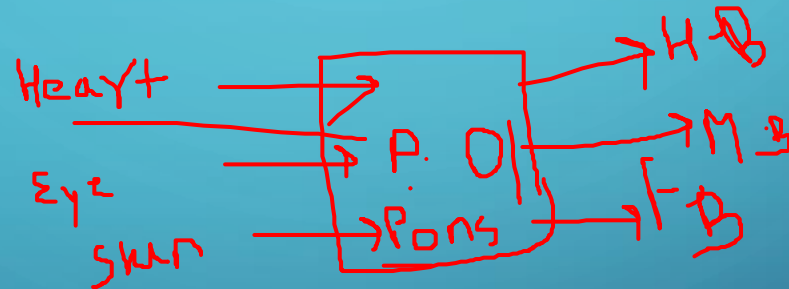
## Function of Cerebellum:

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

1. Helps in muscle motion / motor function 481
2. Regulates Body posture
3. Balancing of body
4. Helps in speaking

Que: Alcohol →



## Function of Pons:

1. Communicate body and brain
2. Helps Medulla Oblongata

M-O → Pons →  
Cerebellum

## Function of Mid Brain:

Also known as “sixth sense”

1. It controls auditory and visual functions.

Sensory  
organ

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







