

# THE BRAIN

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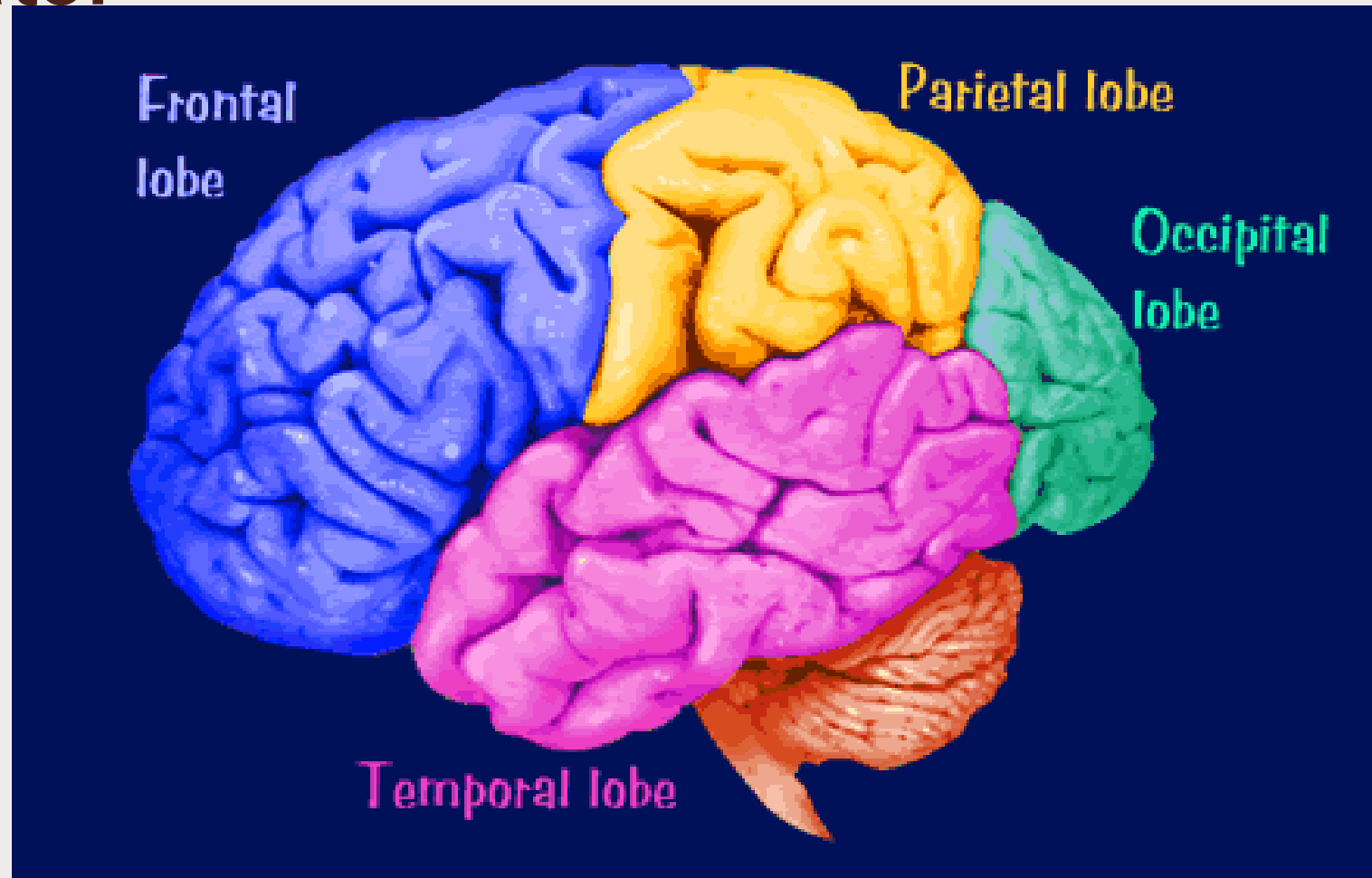
## Intr0

- (5-4-3-2-1) Game: In this simple game, students stand up and the teacher (or leader) has them do five different movements in descending order.
- Students would then try to do what was given to them in ascending order.

Explore:



Elaborate:



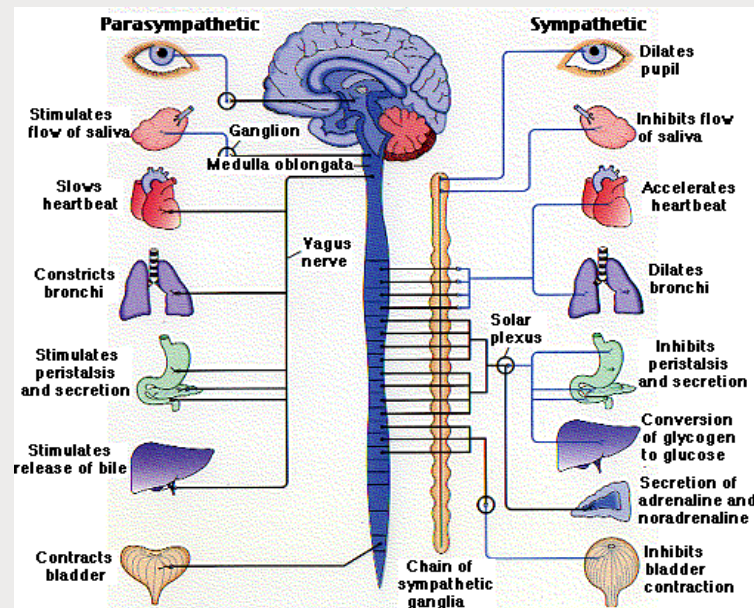
# Medulla and the autonomic nervous system

- Controls the unconscious body functions such as

- BREATHING
- HEART RATE
- PERISTALSIS

- It contains the reflex centres for:

- VOMITING
- COUGHING
- SNEEZING
- HICCUPPING
- SWALLOWING



Peripheral: Autonomic Nervous system (two parts)

- **Sympathetic system:** Speeds up your heart beat and breathing rate, it is dominant when you are in danger or under stress, it effectively causes the fight or flight response.
- **Parasympathetic system:** slows up your heart beat and breathing rate, it is dominant when you are relaxed and at rest, it controls normal body functions.

# Closure: matching

Column A	Column B
<b>Cerebellum</b>	Transmits nerve impulses from the central nervous system to a muscle
<b>Synapse</b>	Maintains coordination and functioning of internal organs
<b>Cerebrum</b>	Controls learning and memory
<b>Sensory neuron</b>	Controls pulse, breathing, blood pressure and other involuntary actions.
<b>Motor Neurone</b>	Controls balance
<b>Autonomic nervous system</b>	Links a sensory neurone with a motor neurone or relay neurone.