

# Basic Of Nervous system



# Nervous system

- **Controlling and Co-ordinating System**
- **Regulate All Body Activity.**



# Nervous system

1. CNS

2. PNS

# Nervous system

## 1.CNS

Brain  
spinal Cord

## 2.PNS

Cranial Nerve  
Spinal Nerve

# Cranial Nerves

**1. Olfactory**

**2. optic**

**3. oculomotor**

**4. Trochlear**

**5. Trigeminal**

**6. Abducent**

**7. Facial Nerve**

**8. Glossopharyngeal**

**9. Vestibulocochlear**

**10. Vagus**

**11. Accessory**

**12. Hypoglossal**

# Nervous system

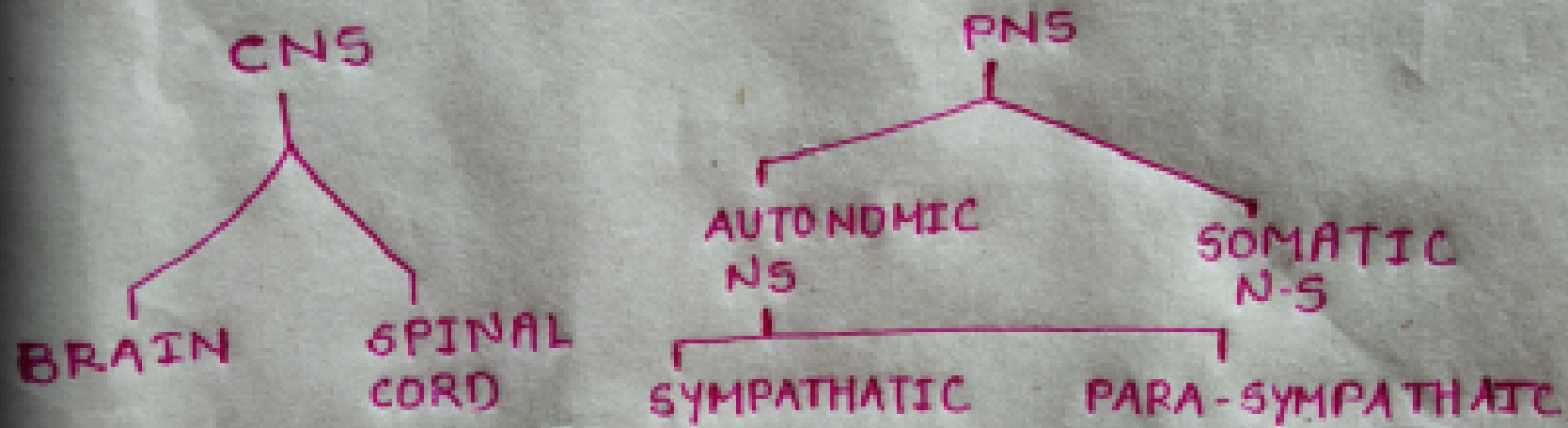
## 1. CNS

Brain  
spinal Cord

Gray Matter  
white Matter

Neuroglia

# NERVOUS SYSTEM





**NEURON**

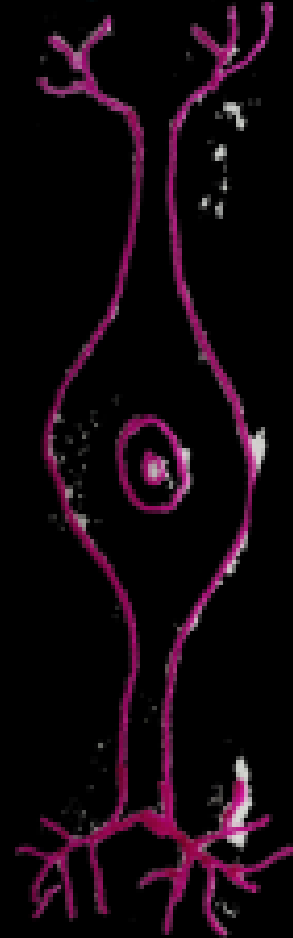
**108 Billion neuron**



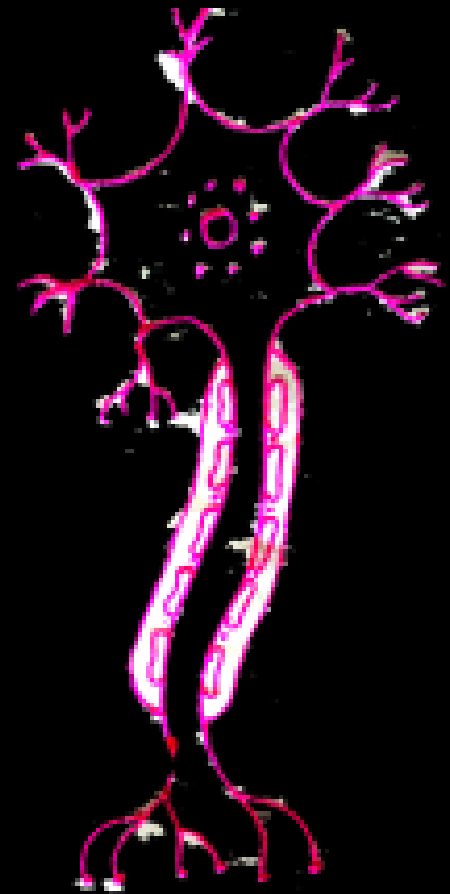
**Unipolar**



**Bipolar**

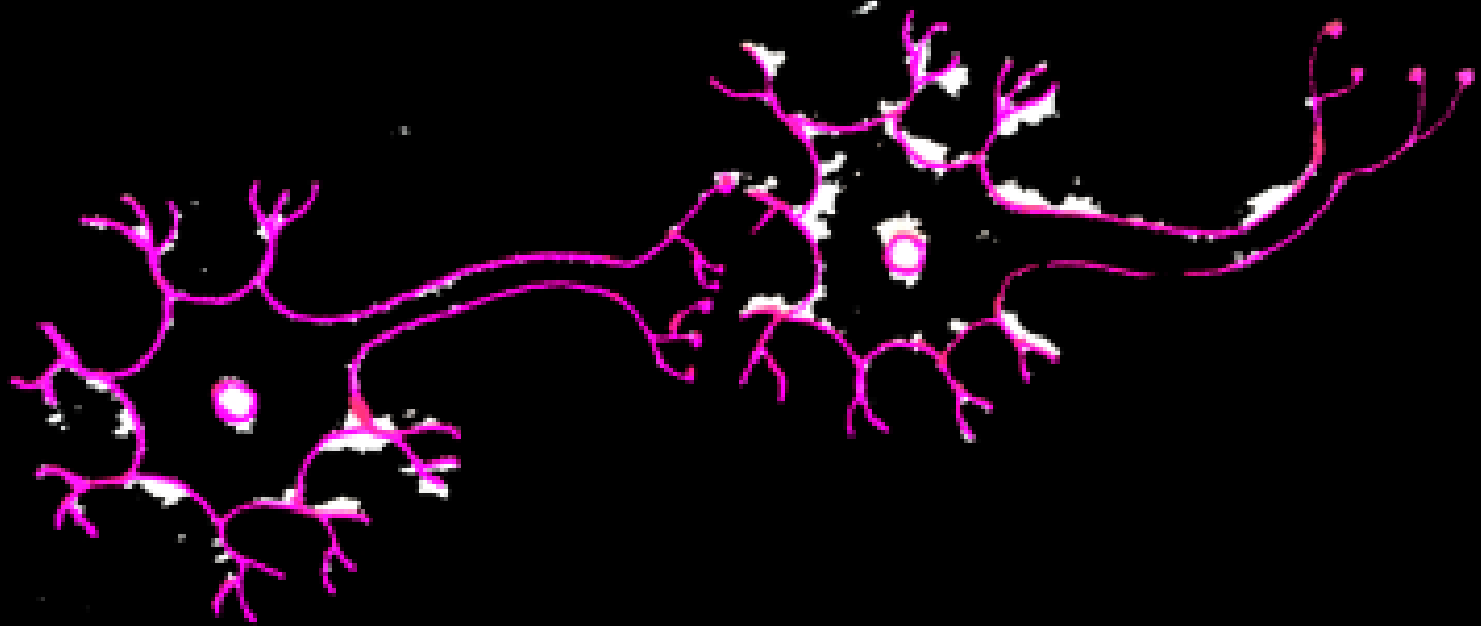


**Multipolar**

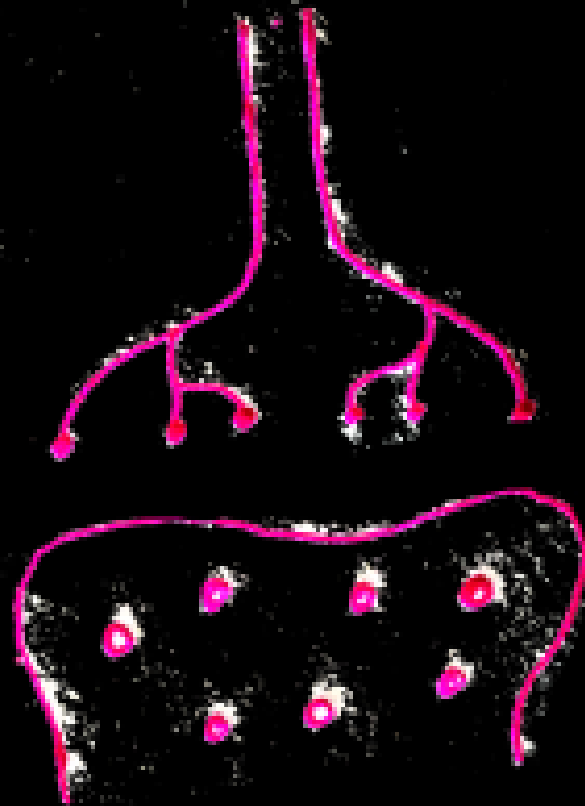


# Synapse

**JUNCTION BETWEEN 2 NEURON.**



# Neuro - muscular Junction



**Brain**  
**Spinal cord**

**Meanings**

**Dura matter**

**Arachnoid matter**

**pia Matter**

**CSF**

## **Clinical Anatomy**

- **Motor Nerve Damage**
- **Sensory Nerve Damage**
- **Bells palsy**
- **Poliomyelitis**
- **Parkinson Disease**
- **Alzheimer Disease**

# QUICK REVIEW

**Neuron**

**Synapse**

**N-m Junction**

**Division of Nervous system**

**Meninges**