

KEY FACTS

- Reflex arc: stimulus → receptor → sensory → relay → motor → effector → response
- Reflex bypasses brain → faster than voluntary
- ★ Three brain regions: cerebral cortex (thought), cerebellum (coordination), medulla (breathing/heart)

KEY TERMS

Synapse	Gap between neurones — crossed by chemical neurotransmitters
Cerebral cortex	Thought, memory, language
Cerebellum	Coordination and balance

■ EXAM TIP: Know all three brain regions and their functions. Within neurone = electrical. Across synapse = chemical.