

Experiment No. 7 – Various Strength of Stimuli

1. What is a motor unit?

Ans: One neuron and respective muscle fibers supplied by that nerve constitute one motor unit.

2. Which muscle in the body have small motor units?

Ans: Muscles of eye lids and fingers.

3. Which muscle in the body have large motor units?

Ans: Muscles of back, Thigh

4. What type of change is produced by a subminimal stimulus?

Ans: No change is produced by a subminimal stimulus.

5. What is the difference between a localized and a propagated change?

Ans:

Localized Change	Propagated Change
Non-directional	Directional
Local potential	Action potential
Submission	Non-submissive
Only excitatory	Both excitatory and inhibitory