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Name: \_\_\_\_\_

Time: 5 minutes

*Session 04*

BISC 104 – Quiz 3

Maximum Points: 07

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1. A motor unit consists of \_\_\_\_\_ neuron. [01]
  2. Strength of striated muscle is \_\_\_\_\_ proportional to number of motor units activated. [01]
    - a directly
    - b inversely
  3. Area under curve for the potential generated \_\_\_\_\_ as the force applied by muscle increases. [01]
    - a increases
    - b decreases
    - c remains constant
  4. Relation between absolute integral under EMG signals and the absolute integral under the muscle contraction is \_\_\_\_\_. [01]
    - a non-linear
    - b linear
    - c constant
  5. The amplitude of the EMG signal and the force of contraction, as measured by the absolute integrals, increase because: [02]
    - a finite number of fibers are firing more often
    - b more number of fibers recruited to fire
    - c both
  6. Refractory period is defined as the short period immediately following one stimulus when the muscles do not respond to the second stimulus. Muscle fibers do not have refractory period. (True/False) [01]
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