Completion Review Sheet #3 Physiology 1

- ________________ refers to the series of events linking muscle excitation to muscle contraction.
- ________________ is the intracellular signal for contraction.
- Skeletal muscles are stimulated to contract by release of the neurotransmitter ________________.
- The functional unit of skeletal muscle is a(n) ________________.
- The ________________ is a modified endoplasmic reticulum within muscle.
- The ________________ is the volume of blood pumped by each ventricle/beat.
- The ________________ is the volume of blood pumped by each ventricle/minute.
- The ________________ is the volume of blood in the ventricle when ejection is complete.
- The ________________ is the normal pacemaker of the heart.
- The two hormones primarily involved in fluid balance that are also potent vasoconstrictors are ________________ and ________________.
- Cardiac output = [EDV - ________________] x heart rate.
- Blood flow is driven by ________________.
- Accumulation of excess interstitial fluid is known as ________________.
- The process of ________________ is responsible for determining the distribution of the extracellular fluid volume between the plasma and interstitial fluid.
- ________________ is the insufficient circulation of oxygenated blood to cardiac muscle to maintain its aerobic metabolism.