Test 1 Practice Questions

Short Answer

1. Actylcholine is a neurotransmitter which cross the synaptic cleft between the alpha-motor neuron and the surface of the muscle fibre.
    a. What happens to the calcium levels in the sarcoplasm of a muscle fibre if acetylcholine levels are high in the synaptic cleft. /1
    b. Explain the link between actylcholine and calcium. /7
2. Explain the role of troponin and tropomyosin in contraction. /5
3. Why could a severe lack of calcium influence sprint running performance? /8

Multiple Choice

1. Which of the following is not a type of hypertrophy?
    a. Sarcoplasmic
    b. Sarcolemmic