

Exam 3 Breakdown (muscle, cardio, blood)

Ch 6: Muscle physiology – 16 questions

- 2 on motor units power vs precision, isometric contraction, isotonic contraction.
- 5 on sequence of events in sliding filament action, from ACh release from somatic motor neuron to muscle contraction
- 1 on CPK isoforms
- 1 on role of ADP vs ATP in sliding filament action
- 4 on muscle disorders
- 2 on muscle twitch, treppe, summation, and tetanus
- 1 on muscle fiber types (1, 2, & 3)

Ch 8: Cardiovascular physiology – 22 questions

- 2 on causes of secondary hypertension
- 3 on treatments for tachycardia, bradycardia, & high blood pressure
- 5 on blood pressure regulation pathways
- 1 on blood osmolarity regulation
- 2 on heart sounds
- 2 on heart conduction system
- 3 on things that affect cardiac output
- 1 on septal defects of heart
- 4 on heart disease vocabulary
- 1 on disorders of ADH, Aldosterone,

Ch 7: Blood physiology – 12 questions

- 5 on blood typing (including what makes a blood type, how to do blood typing, and what can someone receive as transfusion).
- 3 on anemias
- 4 on WBCs and disorders