

Exam 3 Breakdown (muscle, cardio, blood)

Ch 6: Muscle physiology – 16 questions

2 on motor units

5 on sequence of events in sliding filament action, from ACh release from somatic motor neuron to muscle contraction

1 on isometric vs isotonic 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

Ch 8: Cardiovascular physiology – 22 questions

2 on causes of secondary hypertension (write 1 more)

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 (write 1)

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