The following is a list of major items that we have covered in Chapter 27. IMPORTANT NOTE: This list is not exhaustive. You are responsible for everything we have covered in lecture. Use this list to make sure your notes are complete. DO NOT use this sheet as your only means of studying for the exam.

*Intracellular fluid*
*Interstitial fluid*
*Plasma*
*Fluid dynamics*
*Pre-formed and Metabolic water*
*Cations*
*Anions*
*Functions of electrolytes*
*Regulation of water balance*
*Regulation of electrolytes (in urine & in body)*
*pH*
*Buffers--protein & hemoglobin*
*Respiratory effects on pH*
*Tubular secretion effects on pH*
*Acidosis*
*Alkalosis*
*Compensation*