



1. What are points A-G? Are they compensating or not?
2. Bae was complaining one day of having severe diarrhea. What is her acid-base disturbance and what point could it be on the graph? What can she do to compensate for the acid-base disturbance?
3. What is aldosterone and where is it released from? What stimulates and inhibits the release of aldosterone? What does it do?
4. Answer the same questions from #3 for ANP, Angiotensin II, and ADH.
5. If I were to drink 10 L of water in one sitting, how would the body compensate using the renal system?
6. What are the macula densa cells? What are their purpose?
7. What are the granular cells and what do they do?
8. What hormone does the heart release? CVCC? Hypothalamus? Adrenal Cortex?
9. Where in the nephron is there water reabsorption? Sodium reabsorption?
10. Is it normal for glucose to be found in urine? Why or why not? What about proteins?
11. What connects the Bowman's capsule to the loop of Henle?
12. What occurs in the ascending loop and descending loop of Henle?
13. What is NFP? What is the equation to calculate NFP?
14. If the afferent arteriole were to be constricted, what would happen to the NFP and how would that affect the GFR?
15. What is the pathway of the filtrate from filtration up to excretion?