D-277 Dental Physiology Quiz 5 Monday, June 16, 2008

	Name		
	Name	Student Number	
	***NOTE: 2	PAGES, 6 QUESTIONS !!!	
1.	Are the following statements about a lf not, which statement is incorrect?	Are the following statements about single unit visceral smooth muscle (SUVSM) correct? f not, which statement is incorrect?	
	b. Rapid increases of intracellul of SUVSM. c. The calcium-calmodulin com	nged stretch and the increase in tension by decreasing crease in tension. ar Ca ⁺⁺ concentrations trigger the contractile sequence plex (*CAM) formed during activation of SUVSM will inase (MLCK) and cause troponin to move away from	
	d. Yes, all of the above stateme	nts (a, b & c) are correct.	
2.	b. More H ₂ O is actively pumped c. *More NaCl is reabsorbed int d. More H ₂ O is actively pumped	lasma? d into saliva than K & HCO ₃ is reabsorbed into the into the saliva by the duct cells. to the blood than K ⁺ & HCO ₃ is secreted into saliva. out of the saliva in exchange for NaCl. ect. Saliva is always isotonic to plasma.	
3.	The character of the fluid absorbed by ileum into the hepatic-portal circulation can best be described as a:		
	 a. NaHCO₃ solution. b. *NaCl solution. c. NaK solution. d. KCl solution. 	PROPERTY of XI PSI PHI	
4.	It is common to find that the control systems of the anterior hypophysis are based upon models containing:		

A single positive feedback loop.
*Several negative feedback loops.
Several positive feedback loops.
A single negative feedback loop.

a. b. c. d.

- 5. The presence of which of the following must be present to confirm that a patient has Cushing's Syndrome and not Cushing's Disease?
 - a. Moon shaped face.
 - b. Purple striae.
 - c. High plasma [ACTH].
 - d. *Low plasma [ACTH].
- 6. Which, of the following, will occur during the luteal phase of a **normal**, **non pregnant** menstrual cycle?
 - a. Human chorionic gonadotrophin is secreted by the corpus luteum.
 - b. *LH stimulates the corpus luteum to secrete estrogen & progesterone.
 - c. FSH stimulates the corpus luteum to secrete inhibin.
 - d. Formation of the corpus luteum occurs only after the ovum is fertilized.

