D-277 Dental Physiology Quiz 2 Thursday, May 8, 2008

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	Name	Student Number
1.	a. *Maybe some repolarization but not	too much as the horizontal cells are still being
	stimulated with glutamate from the control of the stimulated with glutamate from the control of the stimulate and secrete their control of the stimulate the cones in the "ON"	transmitter agent, GABA. of their transmitter agent, GABA
2.	The most important function of the CNS	circuitry is1 in order to enable
	 a. 1. = excitation b. *1. = inhibition c. 1. = inhibition d. 1. = excitation 2. = Increased alert 2. = Prioritization 2. = Prioritization 2. = Prioritization 	
3.	Which one of the following statements is	s true or correct?
	 a. General sensory perception increases in a monotonic fashion in response to increased stimulus intensity (a 10 unit increase in stimulus intensity is perceived as a 10 unit increase in perception of the stimulus). b. It takes only 1 sensory generator potentials to generate an action potential in nerves of the CNS. c. *When tension on the tip links of the hair cells of the left and right semi circular 	
	canals becomes unequal, nystagmus	will occur. umulus remains constant (doesn't h=urt more

- 4. The response from a receptor being stimulated by a long duration, constant intensity stimulus is considered to be a **phasic** receptor when:
 - a. The frequency of action potentials generated in that nerve remain constant.
 - b. *The frequency of action potentials generated in that nerve becomes lower.