

D-277 Dental Physiology Quiz 2
Thursday, May 7, 2009

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Name

Student Number

(0.5 pts. for each correct answer)

1. Given the fact that afferent data must be prioritized by the CNS to be effectively dealt with, which of the following would aid, enhance or otherwise contribute to the process of prioritization ?
 - a. The 3 EPSP's to one action potential rule.
 - b. Lateral inhibition.
 - c. Occlusion
 - d. The Central Inhibitory state.
 - e. *Choices a, b, c & d are all correct.

2. Reflex Sympathetic Distrophy & Causalgia are both part of the Complex Regional Pain Syndrome and present with many similarities. Which element is not common to both ?
 - a. Abnormal sweating.
 - b. Weakness or tremor.
 - c. *Nerve damage.

3. An elderly patient (a retired piano teacher) says that her audiologist concluded that she has presbycusis or old age hearing loss. She asks you to interpret what that means with respect to her ability to hear various frequencies. You reply that:
 - a. She will have trouble in detecting all frequencies.
 - b. She will have trouble in detecting lower frequencies compared to higher frequencies.
 - c. *She will have trouble in detecting higher frequencies, compared to lower frequencies.

4. The presence of reciprocal innervation circuitry is demonstrated during the flexor withdrawal reflex of an affected limb by:
 - a. Contraction of both extensor & flexor muscles in the affected limb.
 - b. Contraction of only extensor muscles in the affected limb.
 - c. Inhibition of only the flexor muscles in the affected limb.
 - d. *Inhibition of the extensor muscles in the affected limb.