

NEUROBIOLOGY MIDTERM EXAM 2

INSTRUCTIONS:

- ✿ due @ 3 pm on THURSDAY, 03.29.07 (no extensions will be granted)
 - ✿ answers must be in MS WORD document format only
 - ✿ use 1 inch margins and 12 point Arial font
 - ✿ name the file: e2 lastname initial.doc
 - ✿ electronic submission as attachment sent to steven.debelle@unlv.edu
 - ✿ subject line e2 lastname, initial

 - ✿ answer all questions using proper English sentences
 - ✿ each answer must not exceed 200 words (word #201 will not be read)
 - ✿ do not include illustrations, graphs or tables with your answers
 - ✿ answers must be drawn from material covered in the MOTOR STRATEGIES section of the course (chapters 4 – 6; lectures 11 – 15)
 - ✿ do not repeat ideas and examples in answers to different questions
 - ✿ be sure to include proper citations for your sources of information
 - ✿ write your own ideas in your own words; plagiarism will be strictly controlled [if you have concerns about what constitutes academic dishonesty, please see p.63 of the undergraduate catalogue, online @ <http://www.unlv.edu/pubs/catalogs/undergraduate/pdf/main/acadpol.pdf>]
 - ✿ for more details and suggestions, see section 3 review notes on the web
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1. Select a neuron (or class of neurons) and describe in detail how it influences motor behavior.
2. What is a central pattern generator, how does it work, and how do you identify its neural components? Use examples to illustrate your ideas.
3. What is the role of the brain in motor behavior? Use examples to illustrate your ideas.