Test 3 Study Information

Name _________________________________

I. Closed Section (110 points)
1. Test 3 covers chapters 40, 42-45 and 48; some labels.
2. Please read the lecture notes and go over the quizzes thoroughly. The test will not go beyond the lecture notes and DVD note.
3. Questions include
   a. There will be 67 Scantron questions ((about 11 questions from each chapter (total 100 points)).
   b. Two Concept Check Questions (10 points).
      i. 40.3 Suppose at the end of a hard run on a hot day you find that there are no drinks left in the cooler. If, out of desperation, you dunk your head into the cooler, how might the ice cold water affect the rate at which your body returns to normal?
   ii. 42.2 After exercising regularly for several months, you find that your resting heart rate has decreased. Explain.
   iii. 42.6 Suppose that you broke a rib in a fall. If the broken end of rib tore a small hole in the membranes surrounding your lungs, what effect on lung function would you expect?
iv. 43.4 Why do people infected with herpes simplex type 1 viruses often get sores around the mouth when they have a cold or similar infection?

v. 44.5 Why could it be dangerous to drink a very large amount of water in a short period of time?

vi. 45.5 Suppose you receive an injection of cortisone in an inflamed joint. What aspects of glucocorticoid activity would you be exploiting? Why would it preferable to introduce the drug locally?

vii. Concept Check 48.3 page 1056. In the disease multiple sclerosis, myelin sheaths gradually harden and deteriorate. How would this affect nervous system function?

II. Open Book Take Exam (10 points, ALL or None)
- Attach the answers of Open Book Exam to these two pages.
- Turn in the answers to the chapter study questions below right before test 3.
  - Chapter 40
  - Chapter 42
  - Chapter 44
  - Chapter 45
  - Chapter 43
  - Chapter 48
- You will get zero point
  - Even if you leave one question unanswered
  - Or turn in your answers after the beginning of test 3.