Study Guide Lecture Exam 1

1. This Exam includes Chapter 1 – 4.
2. Study the important diagrams in these chapters, mentioned in the study guides.
3. Study the recaps used during lectures.
4. Study the quizzes.
5. Study the practice test 1.

Important small answer questions:
6. I can make small answer questions from recaps. If you go through the objectives you know you understand most important topics of the chapter. Some examples are:
7. Describe anatomical position.
8. Name 2 examples of loose and dense connective tissues.
9. Define transcription and translation and where they take place in the cell.
10. Distinguish between chromatin and chromosomes.
11. Give 4 differences between DNA and RNA.
13. What are negative feedback mechanisms?
14. Write the organization levels in serial order. Start with atoms.
15. Name 2 supportive connective tissues and give one example of each.
16. Draw flow chart depicting main types of tissues.
17. Give characteristics of 3 kinds of muscle fibers.
18. Name 2 kinds of neural cells and give their functions.
19. Give 1 function of mitochondria, SER, RER, Golgi apparatus, ribosomes, nucleolus and centrioles.
20. Name 3 sub-phases of Interphase. In which phase DNA gets replicated.
21. Name 4 phases of mitosis. Give 1 important characteristic of each phase.
22. Name 2 main phases of cell-cycle. Name the process that divides cytoplasm.
23. Name 3 examples of double membrane bound organelles.
24. Give structure and function (1 each) of mitochondria or Golgi Apparatus or SER or RER, ribosome or lysosomes.