

DEPARTMENT OF MEDICINAL CHEMISTRY
SCHOOL OF PHARMACY

Introduction to Pharmaceutical Sciences
Exam 1

PCEU/MEDC 607
October 27, 2005

STUDENT NAME

HONOR PLEDGE

Dr. Yan Zhang's Section

The essay for natural product:

"Find a drug either is or derived from natural product and finish a short essay about it. Contents should include but not limited to: name (trade name, or generic name), chemical structure, nature resource(s), brief historical review, major pharmacology and toxicology study, side effects, possible future development. All the literature (author, title, journal, year, volume, page number) 2-5 pages. Due 5pm, Oct. 28, 2005, Smith Room 548, Dr. Zhang's mail box."

Please initial here indicating that you know of this assignment.

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Dr. Susanna Wu-Pong's Section

PCEU/MEDC 607

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Briefly describe one way in which biotechnology will change health care in the future. Use examples to support your statement. (10 points)

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Exam 1

Dr. Glen Kellogg's Section

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October 27, 2005

1. Explain the difference between a 'global' energy minimum and a 'local' energy minimum. (6 pts)

2. What are the two common ways that a local minimum can be overcome? (4 pts)