Academic Honesty Policy. Academic honesty is strictly enforced on quizzes, exams, and other aspects of this course. Academic dishonesty will result in a failing grade in the class and a letter in the student's file. Activities constituting academic dishonesty include:

Cheating
- Copying from others during an examination.
- Communicating exam answers with other students during an examination.
- Offering another person's work as one's own.
- Taking an examination for another student or having someone take an examination for oneself.
- Tampering with an examination after it has been corrected, then returning it for more credit.
- Using unauthorized materials, prepared answers, written notes, or concealed information during an examination.

Dishonest Conduct
- Stealing or attempting to steal an examination or answer key from the instructor.
- Allowing another student to copy off of one's own work during a test.

Collusion
- Any student who knowingly or intentionally helps another student perform any of the above acts is subject to discipline for academic dishonesty.

I understand and will abide by this academic honesty policy: ____________________________ (signature) Seat: _______

1. Identify all of the five main functional groups in strychnine by circling and labeling them. Be as specific as possible—do not for example use a general term like hydrocarbon or carbonyl. (5 pts)

2. (1 pt)
Rank the following in order of increasing water solubility: ___ < ___ < ___
(a) CH₃CH₂CH₂CH₂Cl
(b) CH₃CO₂CH₂CH₃
(c) CH₃CH₂CH₂CO₂H

3. (Smith 3.18ac, 2 pts)
a. Rank the following in order of increasing strength of intermolecular forces: ___ < ___ < ___
(a) CH₃NH₂
(b) CH₃CH₃
(c) CH₃Cl

b. Rank the following in order of increasing strength of intermolecular forces: ___ < ___ < ___
(a) (CH₃)₂C=C(CH₃)₂
(b) (CH₃)₂CHCOOH
(c) (CH₃)₂CHCOCH₃

4. (Smith 3.21cf, 2 pts)
a. Rank the following in order of increasing boiling point: ___ < ___ < ___
(a) (CH₃)₃COC(CH₃)₃
(b) CH₃(CH₂)₃O(CH₂)₃CH₃
(c) CH₃(CH₂)₇OH

b. Rank the following in order of increasing boiling point: ___ < ___ < ___

(a)      (b)      (c)