

**An example from the Spring 1998 Final Examination:**

5. (25 points)

Give a specific example of each of the following.

A. any terpene:

B. any reducing carbohydrate:

C. any nonreducing carbohydrate:

D. any naturally-occurring wax:

E. any prostaglandin:

F. any naturally-occurring phospholipid:

G. any naturally-occurring neutral  $\alpha$ -amino acid (zwitterionic form):

H. any naturally-occurring saturated triacylglycerol:

I. any enzyme:

J. any two compounds that are anomers of each other:

K. any steroid:

L. any fibrous protein:

M. any globular protein: