

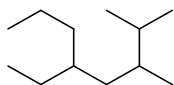
Organic Chemistry 1

Mock Quiz #1

September 11, 2026

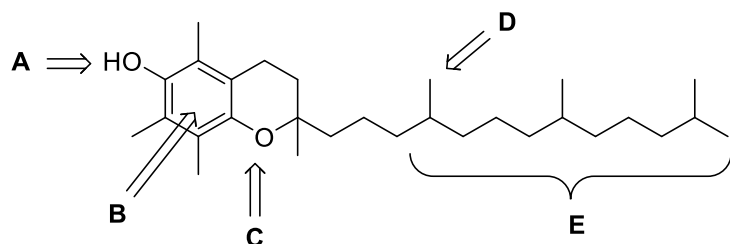
Name: _____

1. Name the following compound. (3 pts.)



2. The structure of the antioxidant vitamin E is shown below. Provide the requested information about functional groups, alkyl group names and intermolecular forces.

vitamin E



a) Name the functional group: (1 pt. each)

A. _____ B. _____ C. _____

E. _____

b) What type of carbon atom is shown at D? (Circle one, 1 pt.)

i) primary ii) secondary iii) tertiary iv) quaternary

c) Vitamin E is considered a fat-soluble vitamin. Circle or name the part of vitamin E's structure that contributes to its hydrophobic nature. (2 pts.)