## Quiz \#6 Name

There is a total of 15 points for this quiz.
Answer all questions in the space provided.
[I] Draw the resonance contributors for the following radicals. (4 points)
a.

b.


## Problem 20

c.

d.

[II] Draw the product(s) of each of the following reactions, disregarding stereoisomers (3 points)
a.

b.

c.


Problem 25d
[III] Draw the major product(s) of each of the following reactions. Include stereoisomers (4 points)
a.

b.



Problem 35f
[IV] Propose a mechanism for the following mechanism. (4 points)
a.


Problem 32
b.


Problem 46

