

SCHOOL OF PHARMACY
VIRGINIA COMMONWEALTH UNIVERSITY
ADVANCED MEDICINAL CHEMISTRY MEDC 604

Examination (Dr. Desai)

March 2, 2002

Name _____

Pledge _____

This part consists of 3 questions (11 points).

1. Heparin (4 points)

- A: enhances the reaction of thrombin with factor Xa
- B: enhances the reaction of thrombin with antithrombin
- C: reduces the reaction of thrombin with factor Xa
- D: reduces the reaction of thrombin with antithrombin

2. Coumarins and 1,3-indanediones: (4 points)

- A: prevent the aggregation of platelets
- B: prevent the formation of fibrin
- C: enhance the aggregation of platelets
- D: enhance the formation of fibrin

3. Arrange the following anti-anginal molecules in the order of their increasing duration of action. Use 1 for shortest duration, 2 for next best and 3 for longest duration. (3 points)

