1. Understand the mechanism of action and side effects for the following drugs:
   a. Fibrinolytic/Thrombolytics
   b. Heparin
   c. Warfarin
   d. Novel Oral Anticoagulants
   e. Thiazide diuretics
   f. ACE Inhibitors
   g. Angiotensin receptor blockers (ARBs)
   h. Beta-blockers
   i. Calcium channel blockers
   j. Nitrates
   k. Digoxin
   l. Statin hypolipidemics
   m. Ezetimibe hypolipidemic
   n. Hematinics
   o. Erythropoietin
2. Review patient teaching for the following drugs:
   a. Nitrates
   b. Digoxin
   c. Statin hypolipidemics
   d. Warfarin
   e. Diuretics
   f. Hematinics
3. When are anticoagulants of any kind contraindicated?
4. What are the antagonists for heparin and warfarin?
5. What are the pharmacological effects/therapeutic actions of digoxin and beta-blockers?
6. What class of drugs should not be taken by patients taking nitrates/why?
7. What pregnancy category are the statin drugs designated to?
8. Which anticoagulant is preferred during pregnancy?
9. Understand the factors that affect peripheral resistance and blood pressure.
10. What role do the kidneys play in hypertension?
11. What is the goal of treatment of angina?
12. What is the preferred diuretic for hypertension?
13. What are the long term antihypertensive effects of diuretics?
14. What is the therapeutic focus of hypolipidemic drugs?
15. What are the pharmacologic effects of inhibiting the renin-angiotensin-aldosterone mechanism and which classes of drugs do this?
16. What are the functions of sodium and potassium in the human body?
17. Detail the importance of body water and fluid balance.
18. Differentiate water-soluble and fat-soluble vitamins; what is the significance of fat vs. water soluble?
19. When is vitamin A in amounts greater than the RDA contraindicated?
20. What is anemia?
21. 6 Calculation problems