1. Propranolol is indicated in all the following conditions EXCEPT:

Select one:

a. Hypertension

b. Glaucoma Correct. Pretest Pharmacology pg 149/ pg 167

c. Migraine headaches

d. Angina pectoris

2. Which non selective beta blocker is also a competitive alpha 1 receptor antagonist?

Select one:

a. Timolol

b. Labetolol Correct. Pretest Pharmacology pg 143/ pg 157

c. Nadolol

d. Pindolol

3. With regards to beta blockers:

Select one:

a. Propranolol inhibits stimulation of renin production Correct. Katzung 6th Edition pg 139 table 10-2

b. Propranolol is a selective beta 1 antagonist

c. Metoprolol blocks catecholamines at beta 1 and beta 2 receptors

d. Labetolol is a partial agonist

4. Which is NOT an adverse effect of beta blockers used for hypertension?

Select one:

a. Impotence

b. Asthma

c. Cardiac disturbances

d. Orthostatic hypotension Correct. Katzung 6th Edition pg 139-140

5. Which of the following is a selective alpha 1 antagonist?

Select one:

a. Diazepam

b. Phentolamine

c. Baclofen

d. Doxazosin Correct. Pretest Pharmacology pg 152/ pg 170

6. Sotalol:

Select one:

a. Has class I and IV antiarrhythmic properties

b. Has no local anaesthetic action Correct. Katzung 6th Edition pg 139 table 10-2

c. Is a beta 1 selective beta blocker

d. Has a bioavailability of about 50% due to a first pass effect

7. Regarding propranolol, which is correct?

Select one:

a. It increases plasma triglycerides Correct. Katzung 6th Edition pg 139-140

b. It antagonises catecholamines at alpha and beta adrenoreceptors

c. It stimulates renin secretion by catecholamines

d. It blocks beta 1 receptors in bronchial smooth muscle

8. Propranolol

Select one:

a. Must be given in large oral doses because of poor absorption

b. Can be used safely in type I respiratory failure because of the beta 1 selectivity

c. Does not produce withdrawal symptoms, as beta receptors do not “up regulate”

d. May be effectively treated with glucagon in overdose Correct. Katzung 6th Edition pg 139-140

9. Both phentolamine and prazosin:

Select one:

a. Have potent direct vasodilator actions on vascular smooth muscle

b. Cause hypotension and bradycardia

c. Enhance gastric acid secretion via a histamine-like effect

d. Are competitive antagonists at alpha 1 receptors Correct. Pretest Pharmacology pg 147/ pg 163

10. The anti-anginal effect of propranolol is NOT due to:

Select one:

a. Reduced resting heart rate

b. Decreased cardiac force

c. Block of exercise-induced tachycardia

d. Increased end-diastolic ventricular volume Correct. Katzung 6th Edition pg 139