Rx XXX

FINAL EXAM OF PHARMACOLOGICAL FOR 1997 EM STUDENTS (A)

NAME	NUMBER	RECORD
1 Choice Questions (40 points)		
Type A		
1. The bioavailability is		
A. the quantity of drug absorbed	after oral adminis	stration
B. the rate of drug absorbed after	r oral administrati	on
C. the ratio of AUC(oral)/AUC((intravenous)	
C. the ratio of AUC (intravenou	s)/AUC(oral)	
D. the area under curve of oral a	administration	
E. the area under curve of intrav	venous administrat	ion
2 Which of the following administr	rations would imm	ediately reach the plateau concentration?
A. Decreasing dose and increas		
B. Decreasing administering int		
C. Increasing administering inte		
D. Administration of loading do		
E. Frequent administration by i		
3. The maximal effect of a drug is	called	
A. potency		
B. efficacy		
C. affinity		
D. toxic effect		
E. margin of safety		
4. If the stomach juice pH is1. 4 ratio of plasma to stomach jui	4 and plasma pH ice for a weak aci	is 7.4, how much is the drug concentration dic drug with pKa 5.4 when the distribution
reach to equilibrium?		
A.50		
B.100		
C.1000		
D.10000		
E.0.1		

A. Vd = A (mg)/C (mg/l)B. Vd = C (mg/I)/A (mg)C. Vd = AUC (iv)/AUC (po)D. Vd = AUC (po)/AUC (iv)E. Vd = A (mg). C (mg/l)

- 6. The pharmacological mechanism of side action is
 - A. overdose
 - B. low in selectivity
 - C. hypersensitivity
 - D. administration of drug for a long time
 - E. low in patient's liver and kidney function
- 7. The half-life of a drug is 2 hours, how much is the K?
- A. 0.1(h -1)
- B. 0.2(h-1)
- C. 0.3(h⁻¹)
- D. 0.35(h-1)
- E. 2(h-1)
- 8. Which of the following drugs would be used to treat myasthenia gravis?
 - A. Atropine
 - B. Neostigmine
 - C. Acetylcholine
 - D. Scopolamine
 - E. Carbachol
- 9. The effects of pilocarpine are
 - A. miosis and decreasing intraocular pressure
 - B. mydriasis and decreasing gland secretion
 - C. mydriasis and increasing the gland secretion
 - D. miosis and increasing the intraocular pressure
 - E. miosis and paralysis of accommodation
- 10. The drug choice in the treatment of anaphylactic shock is
 - A. glucocorticoids
 - B. antihistamine drugs
 - C. norepinephrine
 - D. adrenaline