

Clinical Pharmacology

1. Which one of the following statements is TRUE regarding the biotransformation of drugs:
 - a) Cigarette smoke and chronic alcohol consumption induce P450 enzymes
 - b) Phase I reactions increase the lipid solubility of drugs
 - c) Phenytoin (Dilantin™) is a potent P450 enzyme inhibitor
 - d) Phase II reactions decrease the water solubility of drugs
 - e) Biotransformation is increased in the elderly
2. Which of the following statement is FALSE with respect to pharmacodynamics?
 - a) Efficacy is a measure of the ability of a drug to elicit an effect at its receptor
 - b) Potency is a concentration of a drug needed to elicit a given effect
 - c) Agonists are drugs that bind to endogenous ligands and exert an effect
 - d) A partial agonist can be made into full agonist by increasing its concentration
 - e) Antagonists are drugs that have affinity for its receptor, but no efficacy

ANSWERS

1. A

2. D