I- CHOOSE ONLY ONE CORRECT ANSWER OF THE FOLLOWINGS:

1- TYPE B ADVERSE EFFECTS OF DRUGS HAS THE FOLLOWING CHARACTERISTICS:
   a- None dose related
   b- It is dose related
   c- It is commonly occurred
   d- None of the above

2- PHARMACOKINETIC ANTAGONIST CAN BE ACHIEVED BY ONE OF THE FOLLOWINGS:
   a- Decreasing number of receptors
   b- Enhancing drug excretion
   c- Decreasing the production of 2nd messenger such as cAMP
   d- All of the above

3- REGARDING PHYSIOLOGICAL ANTAGONIST:
   a- Two drugs can oppose each other on the same receptors
   b- Two drugs oppose each other by acting on two different types of receptors
   c- Two drugs induce the same second messengers
   d- All of the above

4- REGARDING DOWN REGULATION OF RECEPTORS
   a- It leads to decrease the efficacy of drugs
   b- It occurs only with agonist drug
   c- It leads to resistant of drug actions
   d- All of the above

5- TOLERANCE TO DRUG IS DUE TO:
   a- An increase in the metabolism of drug
   b- Change in the receptors of the drug
   c- Depletion of mediators
   d- All of the above

6- UPTAKE MECHANISM OF ENDOGENOUS SUBSTRATE IS A TARGET FOR MANY DRUGS, WHICH ONE OF THE FOLLOWING DRUG ACTS BY THIS MECHANISM:
   a- Imipramine
   b- Omperazole
   c- Digoxin
   d- All of the above