1) Convert the following Regular Expression into equivalent NFA using formal procedure. (xUy)* U (x*Uy*). X

2) Write the Regular Expression of the following languages, where $\sum$= {a,b}.

{w | each a in w is followed by exactly three b}

3) Give the Description of the following Regular Expressions. Consider $\sum$ = {c,d}.

   I.   cddcc (c∪d)*

   II.   (c U d). ( c U d )*