## **RC Circuit: Application (4)**



In this 3-loop RC circuit, the switch S is closed at time t = 0.

- (a) Find the currents  $I_1$ ,  $I_2$ ,  $I_3$  just after the switch has been closed.
- (b) Find the currents  $I_1$ ,  $I_2$ ,  $I_3$  a very long time later.

