

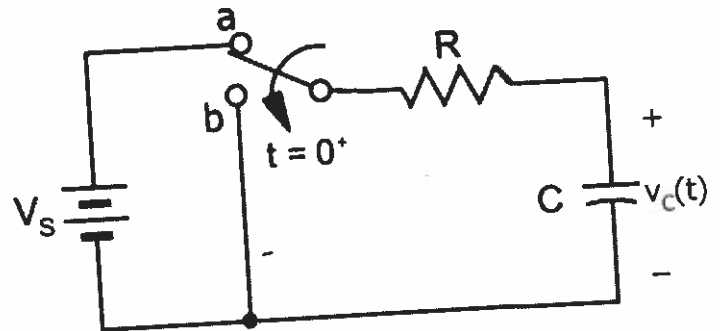
ECE3 Spring 2022
Quiz 3

Name _____
Family Name Given Name

UID _____

$V_s = 5\text{ V}$
 $C = 1\ \mu\text{F}$

After the switch moves to Pos. b, $v_C(t)$ reaches 2 V in 0.5 seconds. What is the circuit time constant?



Switch has been in Pos. a for a LONG TIME.