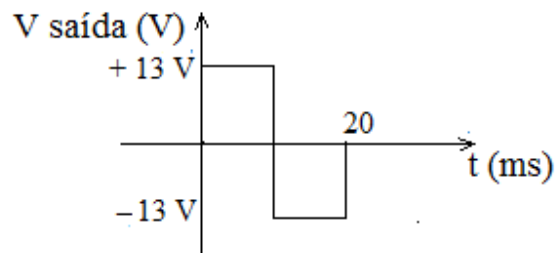
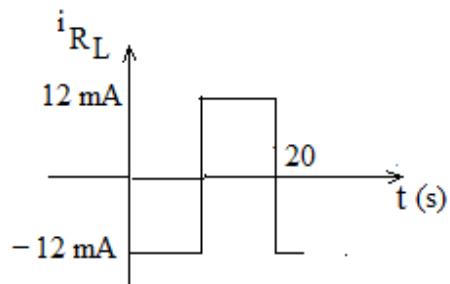


6ª Lista de Exercícios de Circuitos Eletrônicos - 1º Semestre de 2018 - Respostas

1-



2-

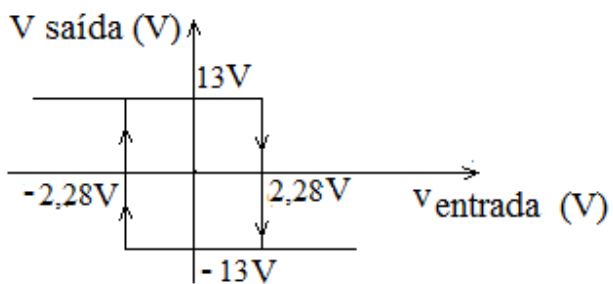


3- Chave na posição 1: $P_{Z_2} = 3,5 \text{ mW}$; $P_{Z_1} = 21,5 \text{ mW}$
 Chave na posição 2: $P_{Z_1} = 2,1 \text{ mW}$; $P_{Z_2} = 18,9 \text{ mW}$

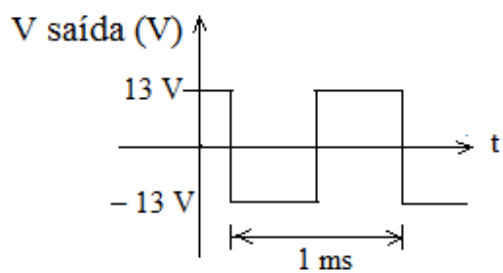
4- a) $V_{\text{saída}} = 10 \text{ V}$
 b) $V_{\text{saída}} = -10 \text{ V}$

5- a) $P_Z = 78 \text{ mW}$ b) $I_{\text{led}} = 13 \text{ mA}$

6- a)

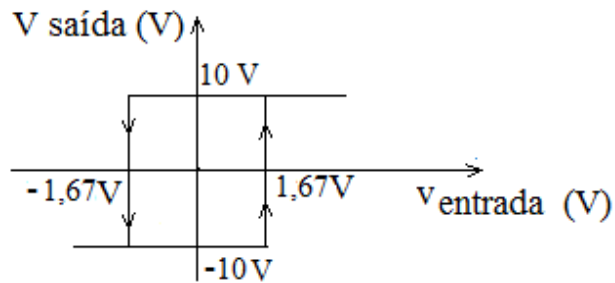


b)

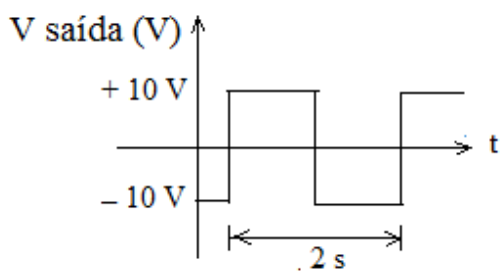


7- a) $V_{\text{ruído}} = V_{\text{referência}} = 3,75 \text{ V}$ b) $R_s = 280,7 \Omega$

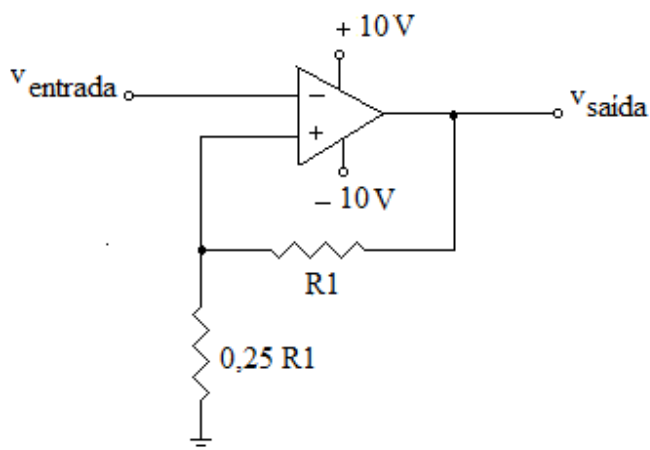
8- a)



b)



9)



10)

