

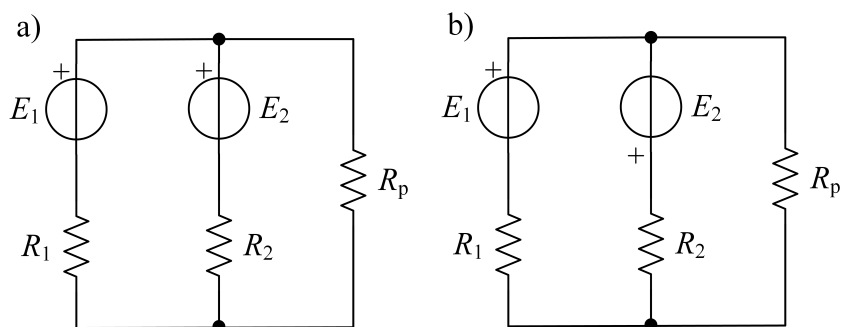
Rezultati zadataka sa ispita iz Elektrotehnike dana 14.09.2026. - Škatarić

1.

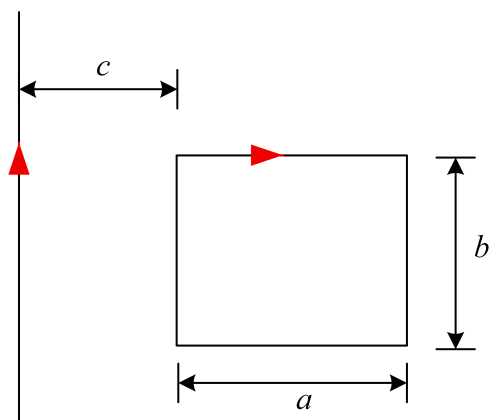
kondenzator	napon	opterećenje
C_1	100 V	1000 nC
C_2	100 V	600 nC
C_3	200/3 V	400 nC
C_4	100/3 V	800/3 nC
C_5	100/3 V	400/3 nC

2. (a) $R_P = 300 \, \Omega$ i $P_{\max} = 27 \, \text{W}$

(b) $R_P = 300 \, \Omega$ i $P_{\max} = 12 \, \text{W}$.



3. Prema oznakama sa slike $L = \frac{\mu_0 N b}{2\pi} \ln \frac{c+a}{a}$.



4. (a) $\bar{Z} = (20 + j10) \, \Omega$, (b) kalem, (c) $L_1 = 10 \, \text{mH}$.

