

===== Questão 1 =====

$$18 * 1,41 = 25,46$$

$$100,66 * 1,00 \text{ u} = 100,66 \text{ u}$$

$$V_{psec} = 25,46$$

$$V_{iMax} = 25,46 - 0,56 = 24,90$$

$$T_{reg} = 6$$

$$V_{iMin} = 6,0 + 3 = 9$$

$$V_{ond} = 24,9 - 9,0 = 15,90$$

$$I_{max0} = 6,0 / 0,58 = 10,34$$

$$I_{max1} = 0,58 / 6,0 = 96,00 \text{ m}$$

$$I_{max} = I_{max1} = 96,00 \text{ m}$$

$$C = 0,096 / (60,0 * 15,9) = 100,63 \text{ u}$$

===== Questão 2 =====

$$18 * 1,41 = 25,46$$

$$100,66 * 1,00 \text{ u} = 100,66 \text{ u}$$

$$V_{psec} = 25,46$$

$$V_{iMax} = 25,46 - 0,56 = 24,90$$

$$T_{reg} = 6$$

$$V_{iMin} = 6,0 + 3 = 9$$

$$V_{ond} = 24,9 - 9,0 = 15,90$$

$$I_{max0} = 6,0 / 0,58 = 10,34$$

$$I_{max1} = 0,58 / 6,0 = 96,00 \text{ m}$$

$$I_{max} = I_{max1} = 96,00 \text{ m}$$

$$C = 0,096 / (60,0 * 15,9) = 100,63 \text{ u}$$

===== Questão 3 =====

$$18 * 1,41 = 25,46$$

$$100,66 * 1,00 \text{ u} = 100,66 \text{ u}$$

$$V_{psec} = 25,46$$

$$V_{iMax} = 25,46 - 0,56 = 24,90$$

$$T_{reg} = 6$$

$$ViMin = 6,0 + 3 = 9$$

$$Vond = 24,9 - 9,0 = 15,90$$

$$Imax0 = 6,0 / 0,58 = 10,34$$

$$Imax1 = 0,58 / 6,0 = 96,00 \text{ m}$$

$$Imax = Imax1 = 96,00 \text{ m}$$

$$C = 0,096 / (60,0 * 15,9) = 100,63 \text{ u}$$

===== Questão 4 =====

$$18 * 1,41 = 25,46$$

$$100,66 * 1,00 \text{ u} = 100,66 \text{ u}$$

$$Vpsec = 25,46$$

$$ViMax = 25,46 - 0,56 = 24,90$$

$$Treg = 6$$

$$ViMin = 6,0 + 3 = 9$$

$$Vond = 24,9 - 9,0 = 15,90$$

$$Imax0 = 6,0 / 0,58 = 10,34$$

$$I_{\max 1} = 0,58 / 6,0 = 96,00 \text{ m}$$

$$I_{\max} = I_{\max 1} = 96,00 \text{ m}$$

$$C = 0,096 / (60,0 * 15,9) = 100,63 \text{ u}$$

===== Questão 5 =====

$$18 * 1,41 = 25,46$$

$$100,66 * 1,00 \text{ u} = 100,66 \text{ u}$$

$$V_{\text{psec}} = 25,46$$

$$V_{\text{iMax}} = 25,46 - 0,56 = 24,90$$

$$T_{\text{reg}} = 6$$

$$V_{\text{iMin}} = 6,0 + 3 = 9$$

$$V_{\text{ond}} = 24,9 - 9,0 = 15,90$$

$$I_{\max 0} = 6,0 / 0,58 = 10,34$$

$$I_{\max 1} = 0,58 / 6,0 = 96,00 \text{ m}$$

$$I_{\max} = I_{\max 1} = 96,00 \text{ m}$$

$$C = 0,096 / (60,0 * 15,9) = 100,63 \text{ u}$$

===== Questão 6 =====

$$18 * 1,41 = 25,46$$

$$100,66 * 1,00 \text{ u} = 100,66 \text{ u}$$

$$V_{psec} = 25,46$$

$$V_{iMax} = 25,46 - 0,56 = 24,90$$

$$T_{reg} = 6$$

$$V_{iMin} = 6,0 + 3 = 9$$

$$V_{ond} = 24,9 - 9,0 = 15,90$$

$$I_{max0} = 6,0 / 0,58 = 10,34$$

$$I_{max1} = 0,58 / 6,0 = 96,00 \text{ m}$$

$$I_{max} = I_{max1} = 96,00 \text{ m}$$

$$C = 0,096 / (60,0 * 15,9) = 100,63 \text{ u}$$

===== Questão 7 =====

$$18 * 1,41 = 25,46$$

$$100,66 * 1,00 \text{ u} = 100,66 \text{ u}$$

$$V_{psec} = 25,46$$

$$V_{iMax} = 25,46 - 0,56 = 24,90$$

$$T_{reg} = 6$$

$$V_{iMin} = 6,0 + 3 = 9$$

$$V_{ond} = 24,9 - 9,0 = 15,90$$

$$I_{max0} = 6,0 / 0,58 = 10,34$$

$$I_{max1} = 0,58 / 6,0 = 96,00 \text{ m}$$

$$I_{max} = I_{max1} = 96,00 \text{ m}$$

$$C = 0,096 / (60,0 * 15,9) = 100,63 \text{ u}$$

===== Questão 8 =====

$$18 * 1,41 = 25,46$$

$$100,66 * 1,00 \text{ u} = 100,66 \text{ u}$$

$$V_{psec} = 25,46$$

$$V_{iMax} = 25,46 - 0,56 = 24,90$$

$$T_{reg} = 6$$

$$ViMin = 6,0 + 3 = 9$$

$$Vond = 24,9 - 9,0 = 15,90$$

$$Imax0 = 6,0 / 0,58 = 10,34$$

$$Imax1 = 0,58 / 6,0 = 96,00 \text{ m}$$

$$Imax = Imax1 = 96,00 \text{ m}$$

$$C = 0,096 / (60,0 * 15,9) = 100,63 \text{ u}$$

===== Questão 9 =====

$$18 * 1,41 = 25,46$$

$$100,66 * 1,00 \text{ u} = 100,66 \text{ u}$$

$$Vpsec = 25,46$$

$$ViMax = 25,46 - 0,56 = 24,90$$

$$Treg = 6$$

$$ViMin = 6,0 + 3 = 9$$

$$Vond = 24,9 - 9,0 = 15,90$$

$$Imax0 = 6,0 / 0,58 = 10,34$$

$$l_{\max 1} = 0,58 / 6,0 = 96,00 \text{ m}$$

$$l_{\max} = l_{\max 1} = 96,00 \text{ m}$$

$$C = 0,096 / (60,0 * 15,9) = 100,63 \text{ u}$$

===== Questão 10 =====

$$18 * 1,41 = 25,46$$

$$100,66 * 1,00 \text{ u} = 100,66 \text{ u}$$

$$V_{\text{psec}} = 25,46$$

$$V_{\text{iMax}} = 25,46 - 0,56 = 24,90$$

$$T_{\text{reg}} = 6$$

$$V_{\text{iMin}} = 6,0 + 3 = 9$$

$$V_{\text{ond}} = 24,9 - 9,0 = 15,90$$

$$l_{\max 0} = 6,0 / 0,58 = 10,34$$

$$l_{\max 1} = 0,58 / 6,0 = 96,00 \text{ m}$$

$$l_{\max} = l_{\max 1} = 96,00 \text{ m}$$

$$C = 0,096 / (60,0 * 15,9) = 100,63 \text{ u}$$



