

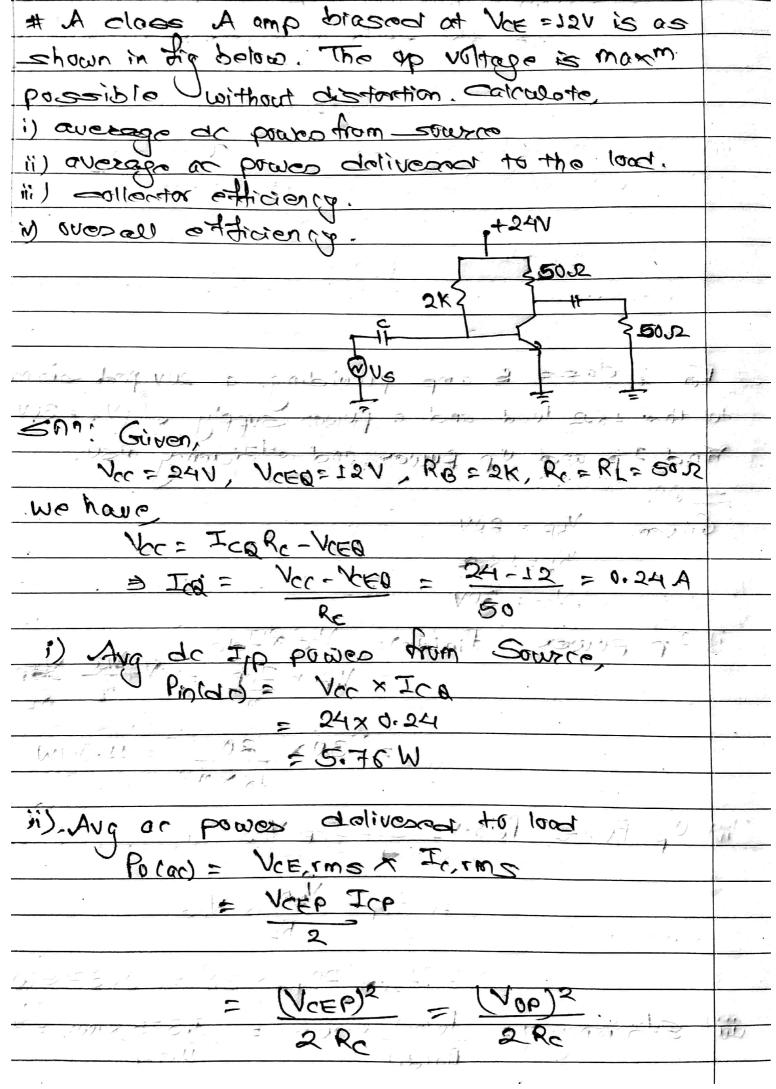
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ii) = \frac{\text{avg ac power delivered to 100d}}{\text{avg dc power desiparted at collector}} \times 100%
= \frac{0.625}{4.59} \times 100\%
         = 0.625 ×.700 ×
# For a class & amp providing a 200 peak signal to the 1600 load and a power supply of Va = 300.
  Find Ip and op power and officiently olso.
  200:
   Given, VLP = 20V
                  NCC = 30V
  i) Ip power Pin(40) = Vcc * Idc
= Vcc * Icp = Vcc Ris
                                   \frac{1}{16 \times 7} = 11.94W
ii) Op Power Polar) = 1 Icp Vcc
                                   = 1/2 × VLP × VCC
= \frac{1}{4} \times \frac{20}{16} \times 30 = 9.375 \times 30

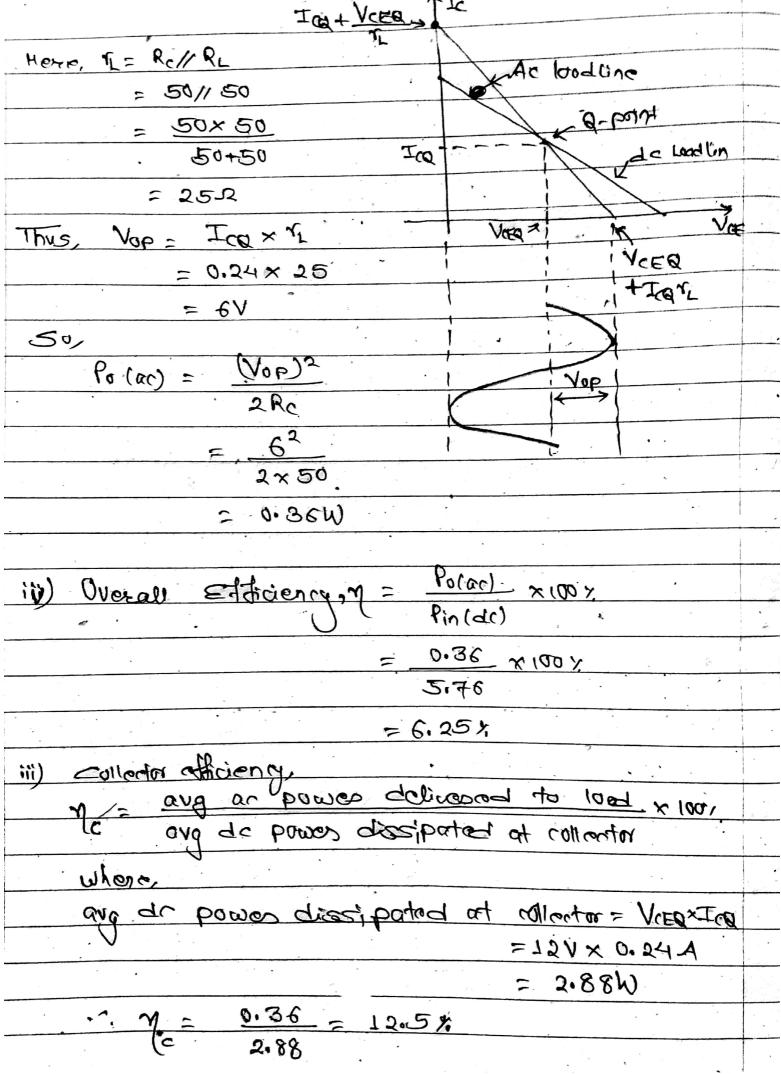
= \frac{1}{4} \times \frac{20}{16} \times 30 = 9.375 \times 30

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