

Answers to even numbered problems Ch. 21.

4. $I_1=0.049$ A; $I_3=-0.961$ A; $I_2=-0.912$ A

24. Terminal voltage is 0.36 V. Voltage drop across the internal resistance is 1.19V. R_B is 9.9 Ohm.

26. $P = 36$ Watt ; Energy expended = 3.5×10^6 J.