Assume the corporate tax rate equals $40 \%$, that the personal tax rate on equity income equals $20 \%$, and that the personal tax rate on interest income equals $35 \%$. Assume also that TaxFlow Inc. has a $10 \%$ chance of earning $\$ 1$ million per year, a $30 \%$ chance of earning $\$ 5$ million per year, a $25 \%$ chance of earning $\$ 15$ million per year, and a $35 \%$ chance of earning $\$ 20$ million per year. What is TaxFlow's optimal level of interest payments?

Note: You will need to perform calculations to justify your answer. Show your work in case you need partial credit.
Wall Street Journal Questions are on the back of this page.

