## Quiz $2 \quad$ Calculus $2 \quad 9 / 5 / 2007$

Each problem is worth 5 points. Clear and complete justification is required for full credit.

1. Evaluate $\int \frac{(\ln x)^{2}}{x} d x$.
2. Evaluate $\int \frac{1+x}{1+x^{2}} d x$
