## Quiz 1b Calculus $2 \quad$ 1/21/04

Each problem is worth 5 points. For full credit provide proper justification for your answer.

1. Find the indefinite integral $\int\left(\frac{y^{2}-1}{y}\right)^{2} d y$.
2. Find the indefinite integral $\int \sin ^{3} \alpha \cos \alpha d \alpha$.
