

COURSE NAME
MAT 42, Fall 2005
Final

NAME.....

I.D. NUMBER.....

No books, notes, or calculators. Show all your work.

Question	Points	Score
1	100	
Total	100	

NAME.....

1. Compute the derivative $f(x) = x \left(\frac{1+\cos(1+x)}{e^x} \right)$ [100 pts.]