

Student Name: _____ Student Number: _____

Serial No.: _____

Instructor: M. Z. Abu-Sbeih

Math - 132.1

Quiz No. 6

Date: 6-5-2013.

Problem 1: (10 points) Find y'

(a) $y = \frac{\sin x}{1 + \cos x}$

(b) $y = \tan(\csc x^2)$

Problem 2: (10 points) Evaluate the integral

(a) $\int \sin x \cos x \, dx$

(b) $\int x \sec^2 x \, dx$