

Math 260
Spring 2013, Term 122

Quiz 1 Section 04

Name: _____

SID: _____

Serial Number: _____

Instructions: Show Your Work!

(10^{pts}) 1. Find the general solution of the following differential equations

(a) $(x^2 - 1)y' + (x + 1)y = -1$.

(b) $6xy^3 + 2y^4 + (9x^2y^2 + 8xy^3)y' = 0$.