Dawson College: Calculus I: 201-NYA-05 S17

October 21, 2011

Last Name:

First Name:

Student ID:

Quiz 6 (A)

Question 1. Find the derivatives of the following functions (do not simplify):

(a) (2 marks)
$$f(t) = (2t-1)^4 + (2t+1)^4$$

(b) (4 marks)
$$f(x) = \sqrt{(x+3)(x^2-1)}$$

(b) (4 marks)
$$f(x) = \frac{\sqrt{x^2 + 1}}{\sqrt{x^2 - 1}}$$