

MATH 166
SUMMER 2012
QUIZ 9

1. Evaluate the following integrals.

a) (5 pt) $\int \frac{x^4+x^3+x^2+x-1}{x^4+x^2} dx.$

b) (5 pt) $\int \frac{dx}{1+\sin(x)+\cos(x)}.$

c) (5 pt) $\int \frac{e^x}{e^{2x}-1} dx.$