Name and surname:

U number:

Calculus I - MAC 2311 - Section 007
Quiz 3
09/28/2017

Compute the following derivatives:

1) [2 points] $f(x) = x^5 + 2x^3 - 3x^2 + 1$

2) [2 points] $f(x) = x^{2017} - 2018\cos x$

3) [2.5 points] $f(x) = x^2 \tan x$

4) [2.5 points] $f(x) = 3\dfrac{1+x}{1-x}$

5) [2.5 points] $f(x) = x \cos x \sin x$