

Math151 - Calculus I - Winter 2005

Quiz #6, February 21, 2005

In the following problems you are required to show all your work and provide the necessary explanations everywhere to get the full credit.

Find all critical points, intervals of increasing and decreasing, concave up (down) intervals, inflection points and relative extrema points of the function $f(x) = x^5 - 5x^3$.