

NAME:

ID.NO:

MA 266, Second MidTerm Examination, Wilkerson Sections
Section I. Basic LaPlace transforms -Suggested time -15 minutes,
Nov. 28, 2000, ME 161

Do all your work on this sheet. Calculators are NOT allowed. NO BOOKS OR PAPERS ARE ALLOWED. You must turn in this page to receive the remainder of the exam! Total points 20, 4 per problem.

I. (a) $\mathcal{L}(e^{-5t})(s) =$

(b) $\mathcal{L}(3t^5)(s) =$

(c) $\mathcal{L}(2\cos(3t))(s) =$

(d) $\mathcal{L}^{-1}(3/(s+3)) =$

(e) $\mathcal{L}^{-1}(s/(s^2+9)) =$