

King Fahd University of Petroleum and Minerals  
Department of Mathematics and Statistics  
Math 301 – Term 172 – Quiz 3

Name:

Student ID #:

Section #:

**Question 1.** Evaluate  $\mathcal{L}^{-1}\left\{\frac{1}{s^3+5s}\right\}$ .

**Question 2.** Evaluate  $\mathcal{L}\{(4 + 5(t - 2)e^{t-2})u(t - 2)\}$ .