

KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS
DEPARTMENT OF MATHEMATICS AND STATISTICS
MATH 102 - QUIZ 3

Name:

Student ID #:

Question 1. Evaluate the integral $\int \ln(\sinh x) \sinh(2x) dx$.

Question 2. Evaluate the $\int e^{\sin^{-1}(x)} dx$. (Hint: You can use integration by parts twice.)

Your Solution.