

KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS
DEPARTMENT OF MATHEMATICS AND STATISTICS
MATH 131 - QUIZ 1

Name:

Student ID #:

Question1. A person invests 300,000 SAR for one year in two investments; A and B. Investment A has a yearly return of 6 % and investment B has a yearly return of 7 %. Find the **maximum** amount that has to be invested in investment A, if the person wants to earn **at least** 19,300 SAR from the two investments at the end of the year.

Question2. The demand per month for an item is 26,000 units when the price is \$12 each, and 10,000 units when the price is \$18 each. Find the demand equation assuming that it is linear.

Your Solution.