

King Fahd University of Petroleum & Minerals  
Department of Mathematics and Statistics  
(Semester 162) Math 102 Quiz # 2

Name: \_\_\_\_\_ I.D. # \_\_\_\_\_ Sr. # \_\_\_\_\_

1. Evaluate  $\int_0^{1/2} \frac{\sin^{-1} x}{\sqrt{1-x^2}} dx$ .

2. Evaluate  $\frac{d^2}{dx^2} \int_1^{x^3} \ln(t) dt$ .