KFUPM – Department of Mathematics and Statistics – Term 132 MATH 102 QUIZ # 3 Code 1 (Duration = 15 minutes)

NAME:	ID:	Section:

Exercise 1 (5 points) Evaluate $\int \tan^{-1} (4x) dx$.

Exercise 2 (5 points) Evaluate $\int x \sin^3(x^2 + 1) \cos^2(x^2 + 1) dx.$

KFUPM – Department of Mathematics and Statistics – Term 132 MATH 102 QUIZ # 3 Code 2 (Duration = 15 minutes)

NAME:	ID:	Section:
Exercise 1 (5 points)		
Evaluate $\int \sin^{-1}(5x)dx$.		

Exercise 2 (5 points)

Evaluate $\int (2x+1) \tan^3(x^2+x) \sec^4(x^2+x) dx$