## King Fahd University for Petroleum and Minerals Department of Mathematics & Statistics

Term 172

Math 101 (15)

Quiz#3 (3.4, 3.5, 3.6)

Family Name:

S.r#

$\mathbf{O}$	1.	Find	v'	
v	1.	1 1110	v	

i. 
$$y = \tan(\sec(\cos x))$$

ii. 
$$e^y \sin x = x + xy$$

iii. 
$$y = (\tan x)^{1/x}$$

Q2. Find the Equation of the tangent line to  $f = \ln(x^2 - 3x + 1)$  at x = 3