NAME: OKAFOR TOCHUKWU OLUFUNMILAYO

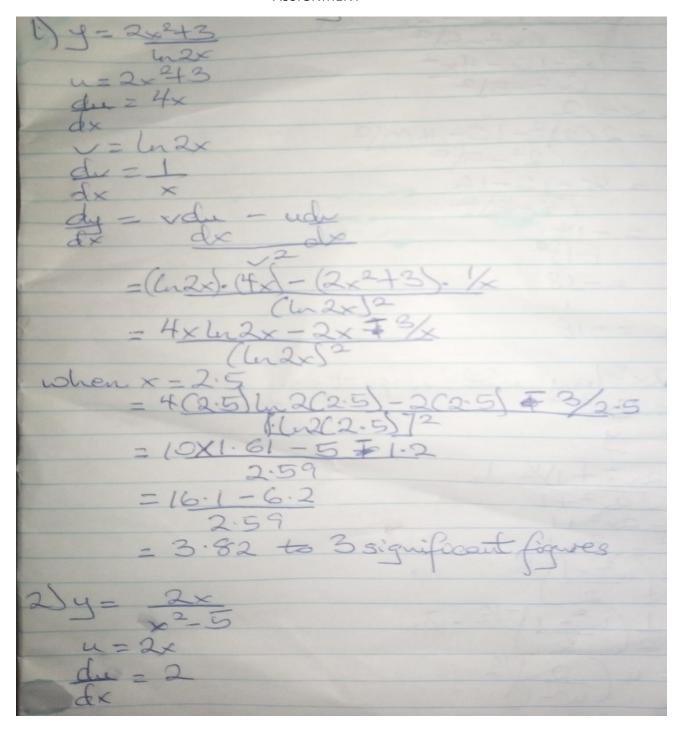
DEPARTMENT: MECHANICAL ENGINEERING

MATRIC NO.: 19/ENG06/043

SERIAL NO.: 108

COURSE: MAT104

ASSIGNMENT



V=x2-5 Vdu - udv dx dx (x2-5)-2 - 2x (2x) = 8-10-16 (4-5)2 3) $Z = 2x^3 lay with respect$ $\frac{dy}{dy} = 2x^3 lay with respect$ $\frac{dy}{dy} = 2x^2 + 15/2 dx$ $u = J2x^2 + 1$ $u^2 = 2x^2 + 1$ $2x^2 = u^2 - 1$ $x = (u^2 - 1)/2$ $\frac{dx}{du} = u(2)/2$ $\frac{dx}{du} = u(2)/2$ $\frac{dx}{du} = u(2)/2$ dx=udu (12)/2 1/2-1/2. u²de Jourdie 3/2 72 3/2 72