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DEPARTMENT: CIVIL ENGINEERING

MARTIC NUMBER: 19/ENG03/005

MAT 104 ASSIGNMENT

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/ Alonzenza Treasure Agberra-ono	-23
19/EXG03/005	-
1 MAT 104 Assignment	The same of
$0 = (2x^3 + 3)^0$	
$\ln 2x = \ln(2x^2 + 3) - \ln(\ln 2x)$	- FI
$\frac{\ln y = \ln(2x^2 + 3)}{1 + 3} = \frac{1}{2} \cdot 4x - 1 \cdot x$	=
4 dx 2x2+3 102x 2x	
dy = y (4x -)	
$\frac{dx}{dx} = \frac{3(2x^2+3)}{(2x^2+3)} = \frac{4x}{4x} - \frac{1}{1}$	B
- du = (200)	
dx 2(2:5)2+3) [4(2:5) - 1	
when $x = 2.5$, dy = $1/2.5$ $2(2.5)^2 + 3$ $2.5 \ln (2 \times 2.5)$	
= 3.82 to 3.5.f	——(E)
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n ² -5	Œ
$\ln y = \ln 2\pi - \ln x^2 - 5$	-
1. dy = 1.2	-
$\frac{y}{\sqrt{2}} \frac{\sqrt{2}}{\sqrt{2}} \frac{2}{\sqrt{2}} \frac{\sqrt{2}}{\sqrt{2}} \frac{\sqrt{2}$	-
$\frac{dy}{dx} = \frac{y}{x} \left(\frac{x}{x} + \frac{x^2 - 5}{x^2} \right)$	
$\frac{dy}{dy} = 2x \left[1 - 2x \right]$	
2-5 2-5)	
- dx x = 2 · 4	
du = -37.26	
dr	

