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**MATRIC NUMBER: 15/ENG06/023**

**DEPARTMENT: MECHANICAL ENGINEERING**

**QUESTION 1A**

commandwindow

clear

clc

close

syms x

x = 0 : 0.001 : 15

y = (0.0052\*x.^2) - (0.0013\*x.^3) + (0.00013\*x.^4)

plot(x,y)

grid on

grid minor

xlabel('x')

ylabel('y')

