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MATRIC NO.: 15/ENG04/001.

COURSE: ENG 381 (MID-SEMESTER TEST)

QUESTION 1a,

commandwindow

clc clear

close all

x= 0:0.001:15

x= x\*(pi/180)

y= 37.5\*((2.5)-((x\*x\*x)/6))\*((2.5)-((x\*x\*x)/6))

Plot (x,y)

Grid on

Grid minor

x label= 'x'

y label= 'y'

QUESTION 1b.

commandwindow

clc clear

close all

t= 0:0.001:1

y= (((36)\*(t\*t\*t\*t\*t))/5) + (((72)\*(t\*t\*t\*t\*t))/2)

Plot (t,y)

Grid on

Grid minor

x label = 't'

y label = 'y'