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MATRIC NO: 15/ENG07/024

DEPARTMENT: PETROLEUM ENGINEERING

QUESTION 1a:

commandwindow

clear

clc

close

x = 0:0.001:15

y = (1/192)\*power(x,2)-(1/720)\*power(x,3)+(1/7200)\*power(x,4)

plot (x,y)

grid on

grid minor

xlabel('x')

ylabel('y')

GRAPH



QUESTION 1b

commandwindow

clear

clc

close

t=0:0.001:1

y=(99/14)\*exp(4\*t) + (215/28)\*exp(-3\*t)-12\*power(t,3)-3\*power(t,2)-(23/4)\*t-(39/4)

plot (t,y)

grid on

grid minor

xlabel('t')

ylabel('y')

GRAPH

