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MATRIC NO: 15/ENG01/016

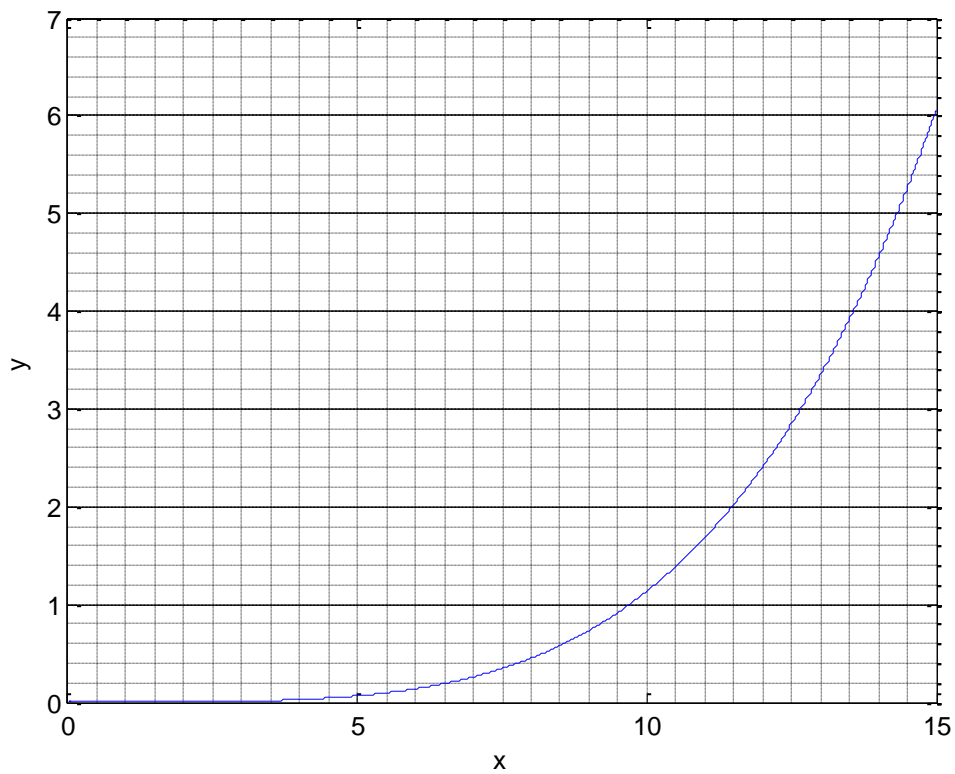
DEPARTMENT: CHEMICAL ENGINEERING

COURSE CODE: ENG 381

MATLAB TEST

QUESTION 1A

```
commandwindow
clear
clc
close all
x=0:0.001:15
y=(0.5/3600)*(6.25*(x.^2)-2.5*(x.^3)+(x.^4))
plot(x,y)
grid on
grid minor
xlabel ('x')
ylabel ('y')
```



QUESTION 1B

```
commandwindow
clear
clc
close all
t=0:0.001:1
n=2.89*exp(4*t)+2.19*exp(-3*t)-12*(t.^3)+3*(t.^2)-5.5*t-0.0833
plot (t,n)
grid on
grid minor
xlabel ('t (hrs)')
ylabel ('n')
```

