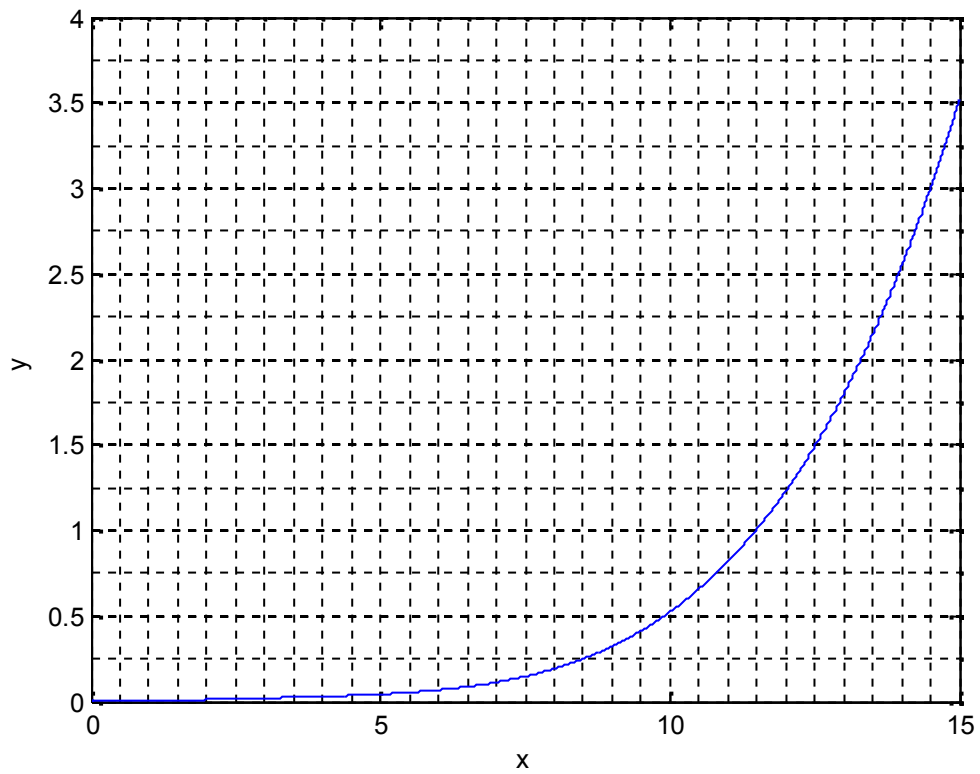


```
1.  
commandwindow  
clear  
clc  
close all  
x=0:0.001:15  
y=(1/7200)*(37.5*(x.^2)-10*(x.^ 3)+(x.^4))  
plot (x,y)  
grid on  
grid minor  
xlabel ('x')  
ylabel ('y')
```



2.

```
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')
```

