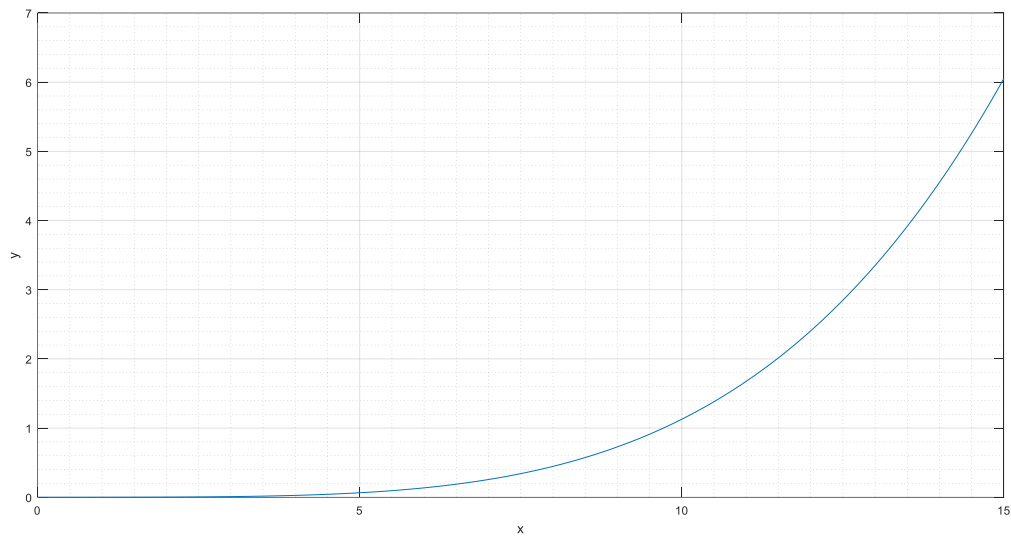


**BOSAN RIYASAI JOY**  
**15/ENG02/012**  
**COMPUTER ENGINEERING**

```
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')
```



```
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')
```

