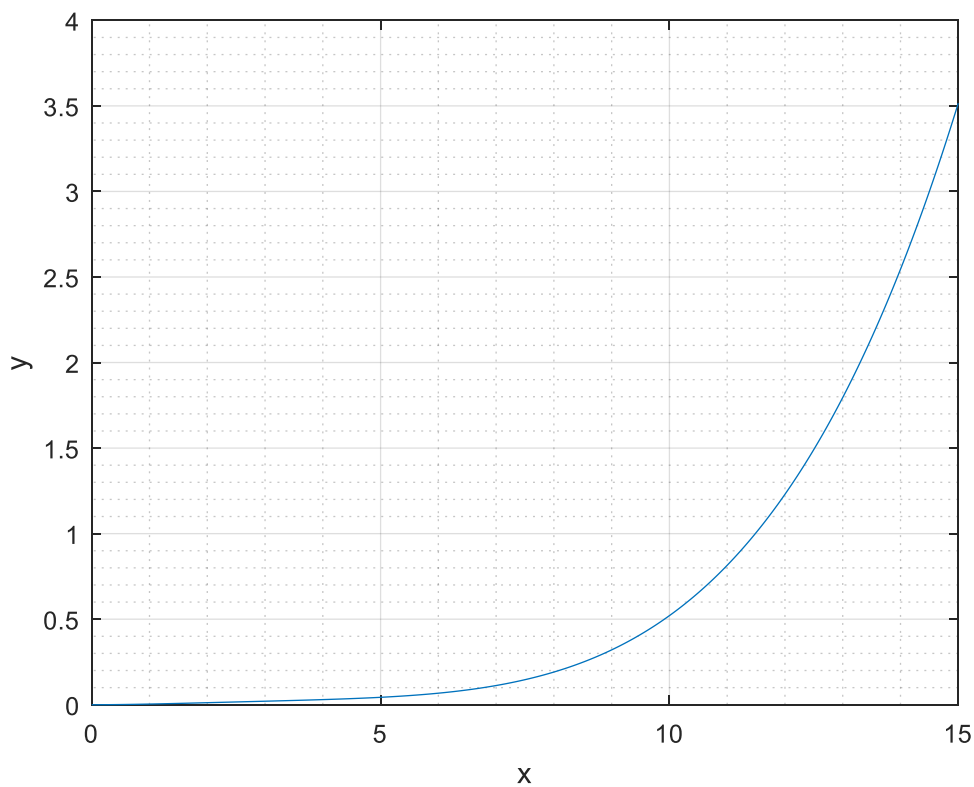


QUESTION 1A

```
commandwindow
clear
clc
close all
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')
```



QUESTION 1B

```
commandwindow
clear
clc
close all
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')
```

