



EBITU UKPONO FRIDAY 18/ENG04/027 ELECTRICAL ENGINEERING

t = 0..15

$$y(t) = 50 \cdot e^{0.122(t)}$$

$$g(t) = 150 \cdot e^{0.122(t)}$$

t =

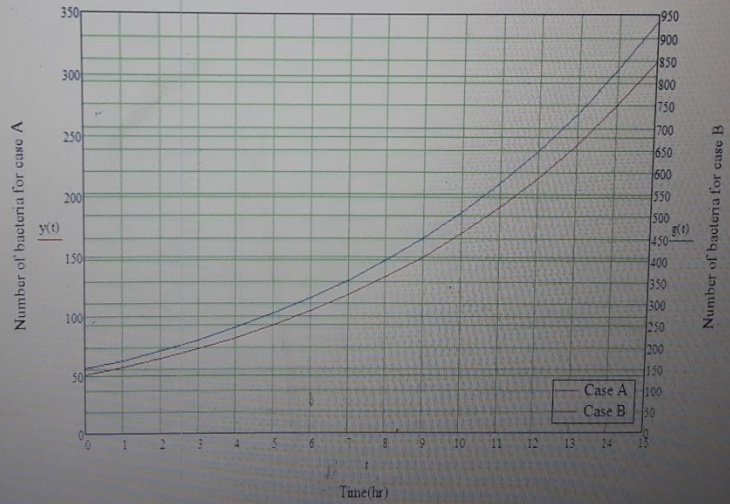
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

y(t) =

50
56.488
63.817
72.098
81.453
92.022
103.962
117.451
132.691
149.908
169.359
191.334
216.161
244.209
275.896
311.694

g(t) =

150
169.463
191.452
216.293
244.358
276.065
311.885
352.354
398.073
449.725
508.078
574.003
648.483
732.626
827.687
935.083



Numbers of bacteria versus time