

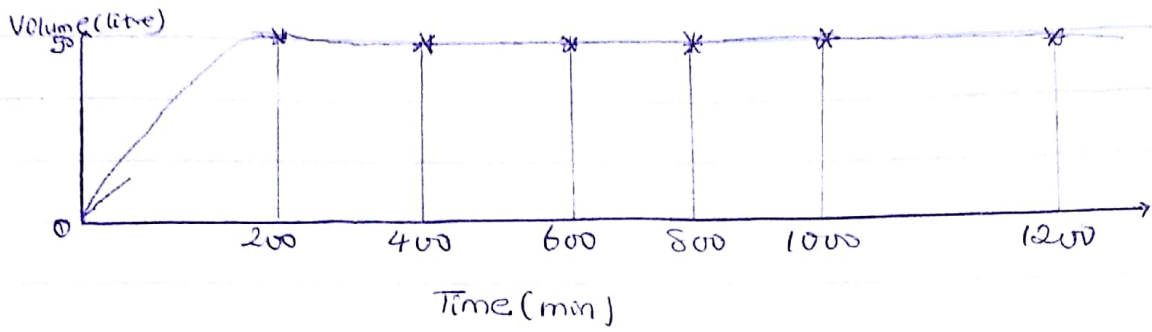
OKOH JOSHUA CHUKWUMA

COMPUTER ENGINEERING

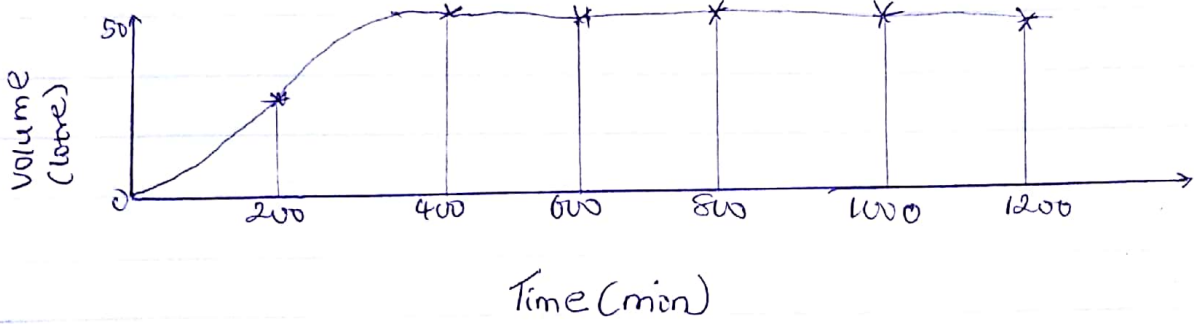
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```
1 CommandWindow
2 clear
3 clc
4 close all
5 [v,t]=ai45 ('joshuaman', [0:40:1200], [0 00]);
6 figure (1)
7 subplot (3,1,1)
8 plot (v,t (:,1), 'o-r')
9 xlabel ('Time (min)')
10 ylabel ('Volume (litre)')
11 legend ('Tank1')
12 grid on
13 subplot (3,1,2)
14 plot (t,q (:,2), '*-b')
15 xlabel ('Time (min)')
16 ylabel ('volume (litre)')
17 legend ('Tank2')
18 grid on
19 subplot (3,1,3)
20 plot (v,t (:,1), 'x-r')
21 xlabel ('Time (min)')
22 ylabel ('volume (litre)')
23 legend ('Tank 3')
24 grid on
25
26
27
28
29
30
```

Tank 1



Tank 2



Tank 3

