2 Lifetime
$$\sim Exp(\lambda)$$
 $M = \frac{1}{\lambda} = 10$ hours

 $\Rightarrow \lambda = \frac{1}{10}$; Useful time = min(-MenR, 15)

Repair time = 30 minutes

Maximum lifetime = 15 houre

1 Ormania.			
Component 1 2 3 4 5 6 7 8 9 10	Rud. Nr. 0.29 0.32 0.15 0.67 0.96 0.56 0.18 0.75 0.39	Useful Time (bus) 12.38 11.39 18.97 4 0.4 15.8 15.8 19.41	Clack Time (hu) 12.88 24.77 44.24 48.74 49.64 65.14 71.44 90.31 100.22

- 6) Total Dimulation time = 100.22
- 67 components must be replaced within the first three days.
- @ Average time a component is used
- (d) Foraction of time machine is ible = 5/100.22 = 0.0498