SET-B CSE-407

Am to the gino-2

Birth nate watation define of but which which describes the reale out which which birth occur, when the population size & k.

Death nate define as Mk which is the nate at which Leaths ocean when the population size k.

y.

Auto the 9 Nor 3

Server musser M-8
population 4=12

som,

Pu = 1 Marine, Po. Marine

$$\frac{12}{12! \times 0.5} \frac{12}{12} (1-P)$$

$$\frac{12.1\times(0.5)}{(2.1\times(0.5))^{12}} (\times 0.775)$$

THE THE WALL TO

Mean number of jobs: N = Na + Ns (1) - 1 - 1 - 1 - 1 - 1 - 1 Experted jobs: W, =mp c(s). - 8 x 0. 215 101-209 (1) 27 16 31 31 - (1) 28 10 10 21 2 - (1) 31 Men waiting time;

(. o. M. q. m) to other

 $\overline{W} = \frac{P}{MM(1-P)}$ $= \frac{0.225}{8\times0.5(1-0.225)}$ = 0.225 = 0.047

AutotugNo-1

Pu (++ 0+)= Pu (+) - ou st ru(+)-14
At 14 (+)+ :. Pr(t+0+)-

= Pe(+) - DK. Dt. Pe(+) - Mk Dt Pe(+) + DK-1. Dt

- The transfer participal participal