	Question 3: Assume you have a prior believe that
	the value of lamba is a Royan agreen in
	unformly distributed between 5 and 10
	minute You then show the
	Chinas is the wall winds
-	score monte of hayes incorem to determine the
-	posterior distribution of values of lambda.
7	Prior believe > $\lambda = \text{uniform}(\mathbf{F}, \mathbf{ID}) = \text{uniform}(\mathbf{F}, \mathbf{ID})$
	a littour min
	t- minute (arrange les) 16
	MAR BLOG
	H= 1/t = OMA
	Observation 2 7
	Observation > 7 arrivals in the first month
	9 amely in the second minute
	Likelyhood 2000
	Cory Cory
	Bayes Theorem > Dr (BIA) = Pr(AIB) Pr(O)
	P(A)
	posteror
	the same of the sa
	pr (Observed 1.2) 20 (2)
-	Pr (2 Observation) = Pr (Observation)
	1 sobability of atty a 9 in he
	Probability of Atty a 9 in he
	pr (Observation) = 7 x = 12
	probability of getrng 7 in the Rod men
ALCOHOLD BY	- h l l l l l

