A. 1. AUBUC

2 (AUB) U (AUC) U (BUC)

3. ANBAC

4. ANBAC

5. AUBUE

b. ANBAE

	7. AUB											
3.	-	1	2	3	4	5	6 4	- arst		-/.\ 1	P(ANB)	- 1/u
		11	21	311	पा	51	61			P(A) = 1/2	P(Anc)	
	2	1/2	22	32	42	52	62	1		P(B)====================================	P(Bnc)	
	3	(13	23	33	43	53	63/	-	78	P(c) = 1/9		
	4	14	24	34	44	54	64	/	/	P(A(C) =	P(Anc) =	9 = 4
	5	1	25	35	45	155	65	/		P(c)= 1	P(C)	
	6	KIL	26	36	146	56	66	) _	These.		moleperoler	d
	7	•	1						ile se	are no	"	
210d À												
C. 9) P(0) = = = (1-8)+= (8) = = = = = = = = = = = = = = = = = = =												

C. 9) 
$$P(0) = \frac{1}{2}(1-\epsilon) + \frac{1}{4}(\epsilon) = \frac{1}{2} - \frac{\epsilon}{2} + \frac{\epsilon}{4} = \frac{1}{2} - \frac{1\epsilon}{4}$$
 $P(1) = \frac{\epsilon}{2} + \frac{1}{4}(1-\epsilon) = \frac{\epsilon}{2} + \frac{\epsilon}{4} - \frac{\epsilon}{4} = \frac{1}{2} + \frac{\epsilon}{4}$ 
 $P(2) = \frac{\epsilon}{2} + \frac{1}{4}(1-\epsilon) = \frac{\epsilon}{2} + \frac{1}{4} - \frac{\epsilon}{4} = \frac{1}{2} + \frac{\epsilon}{4}$ 
 $P(1) = \frac{\epsilon}{2} + \frac{1}{4}(1-\epsilon) = \frac{\epsilon}{2} + \frac{1}{4} - \frac{\epsilon}{4} = \frac{1}{2} + \frac{\epsilon}{4}$ 
 $P(1) = \frac{\epsilon}{2} + \frac{1}{4}(1-\epsilon) = \frac{1-\epsilon}{4} = \frac{1-\epsilon}{2} = \frac{2(1-\epsilon)}{2-\epsilon} = \frac{2-2\epsilon}{2-\epsilon}$ 
 $P(1) = \frac{\epsilon}{2} + \frac{1}{4}(1-\epsilon) = \frac{1-\epsilon}{2} = \frac{2(1-\epsilon)}{2-\epsilon} = \frac{2-2\epsilon}{2-\epsilon}$ 
 $P(1) = \frac{\epsilon}{2} + \frac{1}{4}(1-\epsilon) = \frac{\epsilon}{2} + \frac{1}{4} = \frac{\epsilon}{2} = \frac{\epsilon}{2+\epsilon} = \frac{\epsilon}{2+\epsilon}$ 

D. a) 
$$(100) .050 \cdot (95)5$$
  
 $(100) .905$   
b)  $(100) .05' (.95)^4 + (100) .05^* (.95)^5$   
 $(100) .1 (.9)^4 + (100) .1^0 (.9)^5$   
E. a)  $S = \frac{1}{2} \times 100 \cdot 100 \cdot$