	Jatin Jain
4	2K19CSUN01139
	PAS
	1 or of 1 Endral Tut-41 + (50) (50)
J. 1	
Aus. I	Exact two will be Abfective
	900 = 1
	a) - prob. of a defertive Pen = 10 = 0.1
	P+Q = 1
,	
	Q = 1=P = of = (280 600) 9 = 0
	Non prob. of a Non defective Pen )
	1 paste of a rest capening
	ed 35 in Q = 1-iRos int sol + tol
	Q = 1-0.1
	n = 12 $a = 0.9$
	1.00
	P(x)= MCx PMQ n-x
	12 (1) 2 (0)
	$= \frac{12}{(2(0.1)^2(0.9)^{16}}$
	<sup>2</sup> 0.2301.
	- 0.2301.
	b) At least 2 defertive
	P(n=b)+B(n=1)]
· ·	
( 1	1- 12 (0 (1) (9) 12 + 12 (1 1) (9) 11
-	
,	$ 1-  (9  + (2\times (\frac{1}{2})) $
	(10)12
3	
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5	1=01=01= [0.376+0.282] [1]
	= 1-0.658 = 0.342
	e) $R(x=0) = \frac{12}{10}(x+1)^{2}$
	\$-10.282.
Au	
	en 10.11= 0.9/+0= 20
	Perobability of out of 7,5 or more workmen will contact the disease:
	P(x=5) + P(x=6) = P(x=7)
	7(5(0.1)5-(0.9)2+07-(6(0.1)6(0.9)1-+
	7(7(0.1)7((10.9.)) (888-0)
2)	21 x 0.0000001 x 0.81 + 7 x 0.000001 × 0.9 +
2)	0.0001701 + 0.00000 63 + 0.0000001
72)	V0-0008 A

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(3)	Probability of men will die in 50-year
	p = 0.61125
	probability of surviving n 50 year
	. 59, = 01-p
	= 1-0.01125
	n = 12 $0.98875$
	2 = 0+1 = 0 - 10-11 - p
	Item either I men will die or no Men
	to will die ier 2. F. Jo tun for philidoclass
	Mem either I men will die de no Men roll die 10. 2. 1 100 to 100 100 100 100 100 100 100 100 100 10
	3) (2 (09: 918B1)) - (0 (0 (0 )) 4 (0 ) 4
/	2) (0.988) (0.988 + 0-611)
	(0.988) (0.999)
7 (	-0 / 100000 - 10.999.0 x
	1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
100	constité de succes et l'
	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	17 0 000 0 1
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		•	DATE: 7 201			
a	No. of defeative	No. of Sample				
U	Cond. V grafter	is for phillid.	Jarof . of.			
	The service of the se	FINE	I was alf (ne)			
	0 -		0			
		- 7(2)7	6			
13.8	2	6	38			
	3 (35-9)	21.19 ) = 8 =	105			
	4	35	120			
	5	3050-0 =	115			
THE F	6	23	42			
	7	7	7			
	block convert b	समाहती के -	a - yussa			
		128	/ \ <del></del>			
	$(2)_{0}$					
	$\alpha = \sum_{n=1}^{\infty} f(n) = \frac{433}{3} = 3.3828$					
	۲	P (128				
	28000 = (8 - 2)4					
	x = mp or $p = 2k/n = 3.3828 = 0.48$					
	7					
	(23 x )) -1 = (25 x )p ≈ 0.5					
	9-01-0-15-17-01-5					
	MI					
Am-9	The probability that the dialing Machine					
	The probability that the dialing Machine Reaches a live person (p) = 0.15.					
	No. of attempts (n) = b					
	No. of attempts $(n) = 8$ P(y) = 8 (0.15) 8 (0.85) 8 - 9					
	y = 0,1,28					

