Sixto 4	( )
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Matriculo: 12011 351 217	
	4
$\iint F(x) = \sum_{i=1}^{\infty} x_i \cdot P(x = x_i)$	- 8
10.03+ 12.0,3-15.0,5 +20.6,3	1.6-1
1 + 3,6 + 7,5 + 2	
E(x) = 36,3	
DD = 1 Was (v) 1/a. (v) = C(v2) - 11.2	
$DP = VVar(x) \qquad Var(x) = F(x^2) - Ux^2$ $30^2 \cdot 0.3 + 12^2 \cdot 0.3 + 15^2 \cdot 0.5 + 20^2 \cdot 0.3$	
V205,7-54,32	
DP = 2,62	
08 = 2,62	ž
$OP = 2.62$ $O(x = x) = {\binom{m}{x}} \cdot \rho^{x} \cdot Q^{m-x}$	<i>3</i>
$OP = 2.62$ $O(x = x) = {m \choose x} \cdot \rho^{x} \cdot Q^{m-x}$ $M = 5$	
$OP = 2.62$ $O(x = x) = {\binom{m}{x}} \cdot \rho^{x} \cdot Q^{m-x}$	2°
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3) 
$$P(X=x) = \frac{e^{-\lambda} \cdot \lambda^x}{x!}$$

4) 
$$\varphi(x=5) = \frac{20!}{5! \cdot 15!} \cdot 0, 1^5 \cdot 0, 9^{55}$$

$$\lambda = 5$$
 :  $P(x = 5) = 0,3192$ 

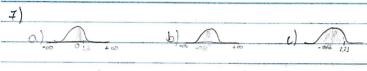
$$8 = m \cdot \frac{1}{3} \cdot \frac{2}{3}$$

$$\therefore m = 36$$

6) 
$$P(X=x) = \frac{e^{-4} \cdot A^x}{x!}$$

0,0183 + 0,0732 + 0,1465





$$9/0.5-0.025$$
 h)  $0.5-0.9082$  i)  $z-0.6750=0.05$   
=  $0.475$  =  $0.4082$  =  $0.4850$   
 $\therefore 2=5.96$   $\therefore 2=5.33$   $\therefore 2=2.17$ 

$$M = 63,6$$
  $Z_1 = \frac{63,6-63-6}{2,5} = 0$   $Z_2 = \frac{68,6-63,6}{2,5} = 2$ 







· 9 = 0.2123

-2,2 0

0,5 + 0,4865

·· P=0.986J

$$JO)$$
  $M = 8,2$   $Z = \frac{7-8,2}{J,J} = -J,09$ 

0 = 3,3

: P = 0, J379

33) 
$$u = 9.4$$
  $Z_1 = \frac{5-9.4}{4.2} = -3.04$   $Z_2 = \frac{8-9.4}{4.2} = -0.33$ 

0,3508-0,3293

		Y		
J2) M = 300 Z = 331.5-	= 2,5	(8)		1/2
G = 15				
0 2,1 tob	0,5-0,48	23		
C <sub>1</sub> 3 T <sub>8</sub> 5				
:.P=0,0379				
		,		
b) P= 5,79%				-
700.00 1.70				
70000 · 3,79%		-		
= 5253	and the second s			
		- 1		1/2.1
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			-	
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