

DISCIPLINA: Probabilidade I

PROFESSORA: Tarciana Liberal Pereira



1ª Prova

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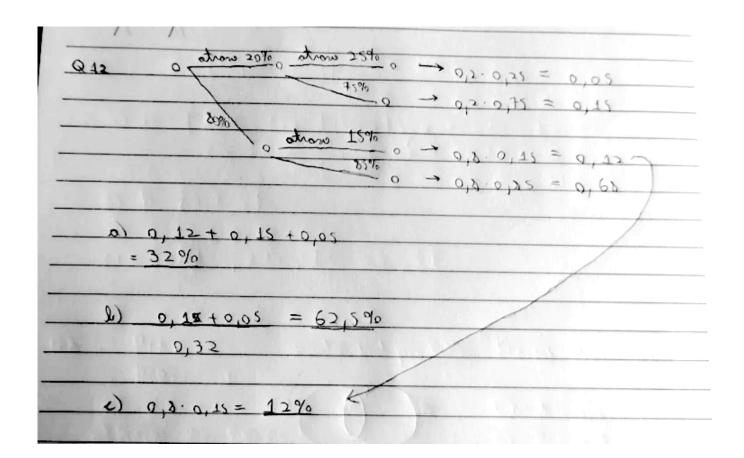
Nota:

Questão 2

00	
Q2	(12) (31+18)
= 22 (6	123, 124, 125, 213, 214, 215, 13, 14, 15
	23, 24, 25, 3, 4, 5}
1 1 1 6 4 18	and the second of the second o
b = 1	3,4,5}
	100 210 10 20 51
L) C=	125, 215, 15, 25, 35
k) C=	125, 245, 15, 25, 5}

Questão 8

P(A)=0,4	mento independente	P(AOB) = P(A). P(B)
P(B) = 0,1		
	A B	P.0 = A = Q
0) P(AUB) = P(A) + P(B) - P(lane	0=B=01
= F,O+4,0 =	0.4.0.7	0 = 400 = 04.07 = 0,00
= 82%		84,0-40 = and-4=D
		= 9,12
b) P(Bn=) = P(B) - P	(AnB)	D=B-40=07-078
= 0,1 - 0	4.0,7	= 0,42
= 42%		
2) P(E) = P(BnA)+	P(AnB)	
= 0,42 + 0	4-0,4,0,7	
= 0,42 + 0		
= 0,54		



Questão 18

Q19	
S. P(A)=1	
P(AUB) = P(A) + P(B) - P(ADB) $P(AUB) = P(A) + P(B) - P(AUB)$	pelo propriedade 5
$P(AnB) = 1 + P(B) - 1$ $P(AnB) = P(B)$ $P(AnB) = P(A) \cdot P(B)$	$P(A) = 1 = P(A)$, $B = 0$ extra $B \in A$ $P(A \cup B) = P(A) = 1$ Q. E. D.
So P(A) = 0	
$P(A \cap B) = P(A) + P(B) - P(A \cup B)$ $P(A \cap B) = O + P(B) - P(B)$ $P(A \cap B) = O$	item 2 da dementração ocimo $P(A) = 0 = P(\emptyset)$, $P(AUB) = P(\emptyset UB) = P(BUB)$
$P(A\cap B) = P(A) \cdot P(B)$	Q.E.D.