Subject: P(ANB) = 0/5 ____ P(A AB)= 0/125 P(B) 5 0/25 p(AUB):0175 = p(A)+p(B)-p(AnB) -> p(A) = 0/625 < 016666. P(BIA) = P(BNA) = = P(AUB) P(A) p(AAB)=p(A)Ap(B) + 12 v (jan 1) 0/125 + 0/25 x 0/625 P(ANBNC) > P(A) x P(B) x P(c) = 0/9 x 0/8 x0/7 = 0/504 * موں مسل از م هسترسی ایشران آن مزید سال سرمان م سى رافسراس بر ازملل بردع ، اهمال شعر استرات مارس 01/2/ 60 m 1 = P1 = 01/2/ 6 = 100 (L) P(3,052053) = 1- 17 Pi = 1- (1-P1)(1-P2)(1-P3) $p(A) = \frac{1}{2}$, $p(B) = \frac{1}{2}$, $p(C) = \frac{1}{2}$ $p(A \cap B)$, $p(A \cap C)$, $p(B \cap C) = \frac{1}{4}$ $p(A \cap B \cap C) = \frac{1}{4}$ ρ(A) × p(B) = p(AnB). 1 = 1 × 1 / 2 3) p(Bnc) = p(B)x p(c) 14 = 1 × 1 2) p(Anc) = p(A) x p(c) 4) p(ANBNC) = 1,4, 17 3 nahal-alma $\frac{1}{4} = \frac{1}{2} \times \frac{1}{2} V$ - μοριβροβοριβο

$$p(A \cap B) = 948$$
 $p(A \cap C) = 93$

$$P(A) \times P(B) = 948 = P(A \cap B)$$

$$\frac{2}{2} \left(\frac{1}{6} \right)^{\frac{1}{2} - \frac{1}{2}} = \frac{2}{2} \left(\frac{1}{6} \right)^{\frac{1}{2} - \frac{1}{2}}$$

$$(x-1-\frac{1}{6})^{n} \xrightarrow{N\to\infty}, \frac{1}{4-\frac{1}{6}} \times C=1 \Longrightarrow C=\frac{5}{6}$$

$$\mathcal{F}_A: p(|n-1|\leq 1) \rightarrow -1 \leq n-1 \leq 1 \rightarrow 0 \leq n \leq 2$$

$$A = P(X = 0) + P(X = 1) + P(X = 2) = 0/3 + 0/4 + 0/2 = 0/9$$

B.
$$p(0 < n \leq 2) = p(x = 1) + p(x = 2) = 94 + 92 = 6/6$$

$$C: p(X) = p(X=2) + p(X=3) = 0/2 + 0/1 = 0/3$$

