Vecture Srish: - Meart Khushali - Club Dirya - Spade D y people Arihant Nibhil Vyom Gragan 16.1 probability (oncet gresses 0.76 0-30

Assume that there a 400 people. Each person me Chooses a number of 1,2,3,43. The other three given what The number is. They may choose any number with equal probability. 2-4 1-4 3-4 4-4 X= nor of people who get all guesses wrong. p= probability that a person gets all gresses wrong.

 $\left(\frac{3}{4}\right)^{3}$ We compte the probability
for B. Jo B. p(Bis (reset when A made a shorke)

= 4 p (Bis wrong when A made achoire) b(always wrong) = 3 + 3 + 3 + 3 = 2t p(you get all correct)
= (4) = 4