Abdumhan BILLIT 1901042258

Dell.

<

 $P(A) = \frac{2}{36} = \frac{1}{18}$ (1,2), (2,1)

 $P(S) = \frac{6}{76} = \frac{1}{6}$ (1,6), (6,1), (2,5)

 $P(c) = \frac{11}{36} \qquad (1,0)(1,2) = -$

a) $P(A|C) = \frac{P(A|C)}{P(C)} = \frac{V(8)}{1/36} = \frac{2}{11}$

 $P(B(c)) = \frac{P(B(c))}{P(c)} = \frac{.1/18}{11/16} = \frac{2}{11}$

is A and & are dependent, ACK, A and B -s Independent

-> Bad c are dependent Also

02) 20 students of 6 CSE, the Elec,

a -> 3 kisi mosoyi sed ediyor

b_s 2 kisi boil the waster

a) $\binom{20}{3}$, $\binom{12}{12}$, $\binom{15}{6}$ $\rightarrow \frac{20,19,18}{3,2,1}$, $\frac{13,16}{2,1}$, $\frac{15,116}{6,5,14,3,2,1} = 2 - - - Hesoplane$

b) (14) 3 14 kisiden 10 kisige verigor 141,
=> 101.61 2) (20) ITAM continosyonlar Sople Space

(14) · (b) - compiler combination

(20) - Total (Sample space)

) flarkes sodere I is yerryon