Mike has 15 computers. : 5 computers don't work. Chapter 3 computers randomly

I defective compter at of 5 defective. $\Rightarrow C(\xi_1) = 5$ 2 working compter at of $10 \Rightarrow C(0,2) = \frac{(0.9)}{2} = 45$ Total Ways to close 3 compters & C(15,3)

$$= \frac{5 \times 14.13}{3.2} = 455$$

$$\Rightarrow p \text{ (one computer is defeature and two are not)}$$

$$= \frac{5 \cdot 45}{5} = \frac{45}{3} \approx (0.495)$$

 $= \frac{8.45}{455} = \frac{45}{91} \approx 0.495$

 $P(1 \text{ computers are not working}) = \frac{5.4}{2} = 10$ P((computer : working) = 10 P(Total ways to choose 3 out of (5) = 15.14.15 = 455 · P(Two are defective among three chasen computer) = (0.10)

=
$$\frac{100}{1185} \approx \frac{0.22}{0.22}$$

avestion 1.

P(A go with friend)= 0.9 P(A w/o friend) = 0.15

P(friend go trip) = 0.65 $\Rightarrow p(A \mid F) = 0.9$ p(F) = 0.65

 $p(A) = p(A|E) \cdot p(E) + p(A|NE) \cdot p(NE)$

P(NF) = (- P(F) = 0-35

€ 0.9 · 0.65 + 0.15 · 0.35

= 0.6375

: P(Alace go on the trip) = 0.63.75