Connect Not-your Transvica Prigut ONC DOIL

Nordigur MOCC NOIL

P(C) P(I) 90% P(CIP)= 95% P(I 0) = 5% P(C/N) = S P(I/N) = 50% P(0)=.9 P(V)=.1 P(C) = P(ONC) + P(NNC) = P(CID).P(O) + P(CIN).P(N)

 $= .95 \times .9 + .5 \times .1$  = .855 + .05 = .905

Ano- Probability that something too been roted consectly is 90.5%.

Q.5 Can highway probability question:

SIL. P(30) = Probability of seeing a can

in 30 minutes

P(30) = 1-P(30) & Probabity of not seeing a can in

30 minutes

- 1-0.95

= 1-0.95

P(10) = Prostability of seeing a can in

P(0°) = frobability on not seeing a con

BPB0°)= P(0°) x A(0°) x P(0°) 105 = [P(0°)] = P(0°) = (05)/3

classmate P(10°)- 0.3684 P(10)= 1-P(10) \_ 1-0.3684 - .6315 Ans= Probability of seeing a con in 10 minutes = 63.015% Q.A. Random dejective reste - po jupyter votebook