Roll NO: 2022 MCS 120009 Sity (60)1. I men deaven have had dairea stock a) 80% of Emais Sonse or span b) 10% of This bank emas The phraces force money to wred. (·) « of non span emais. · 80% of comain are spent. So re probaballes of creats S and That is 0.8. So, The probability of compliments, is 1-0.8=0.2 Probabils & role cuteries & De photoses. foec money soured. hor 10% 000.1 Probabally of sido. 8 times probabally of f given sns o.1 80.0.8 becomes o.1. now The probabiles of S. Prime over Love. 0.2 over hore, modifier or førren & prime is Answer noutable 40 out of 41 00 0.9756 (p.0)(sp.0)+(0.0) sp.6) P(Stfr) motice P(s) + P(N)=1 P(s/fn) = P(fn/s) P(s) 1.01 -Cor.C P(Fn/s) p(s) ep(Fn/W)p(w) P(Fn/s)=10% P(Fn/N)=10 P(S/FM)=40=0.9756

Civen infimalier **D**(Si) (2)\_ Side (60). of new downers have had disiver education So, new drivers without doiver che cation have probability 0.08 of havelegaccided. seto une scalegorica validable most may extero se Drêver Ed" or "No Drêver Ed" Laroffeldadige of 08. As 10 als cissus factors. Per accidet propactient

Toriver Ed 0.6 0.95 Pro Divide 0.4 0.92

Proacticet = P(B/B) = P(B/A) P(B)

Noacticet

Noacticet = (0.95×0.6)

P(1)= P(Eduationales

No accided) (0.95 x0.6) + (0.92) (0.4) P(A) = NO Edercetes = 0.56 = 0.56 = 0.56 = 0.56 = 0.56 = 0.56 = 0.56 = 0.56 = 0.56 = 0.56 = 0.56 = 0.56 = 0.56 = 0.56 = 0.56= 0.6034 Pre en Duver has had dower chucalionis 0.60