Junaid - Salerm

E. noi. 02-13 17020

·Sol

P(x) = 0.45

P(Y/X)=0.35

X = 1-0.45

X = 0.55

X=1-0.35=0.65

Y= 1-0.75=0.25

Y = 0.75

 $P(Y) = P(X \cap Y) + P(X \cap Y)$ $= (0.35 \times 0.45) + (0.55 \times 0.25)$ = 0.295

(b) P(x|y) = P(x) P(x) P(x) P(x)

= (0.45)x(0.35)

P(X14) = 0.534

P(X1Y')= P(XQY') = (0.45) (0.65) + (0.55) (0.75) 0.2925 0.705 P(X1Y")= 0.415 -0.415 = 0.585