Fxx (7,7)=(1-e-by)(1-e-by) 150,750 ottosu him a >0,6>0 i) to d cof or x 2) Find P(Y>1). (2) Showthat E[E(X/x)] = E[X] Define 1) mean & correltin & Rodon process 2) time Averages of a hada pour. 3) wide some stationarity
W) Expedie R.P. Too bowly Contain R, h, B balls as felly B1: 2,7,9 B2: 14,3,5 A ball is drawn vandantly. and it is given that a gran bell isokned what is the pros it has drawn from Bowl 2 (5) Gim Elt)= A sin(wt) & A in a R.V with E(12)=5. Fredont whether 7 (1) is serrelation orgadic.

(b) him X, X2 --- Xn are N Radon variable

Jollowing Georgian distribution.

It (ov(xi, xj) = 0 + i + j

= \sigma i=j

then Show that they are independent R.v.