Ouestion 1 MGF for Bornoulli (b) 1 Mar. (finite parameter)

I mandon wriske

2. Distinct values of X = 0 and 1 3. MGFx(+)= p.el+ (1-p)eo.t = bet+ (1-p) MGF (X+Y) given X & one independent on.v. MCLX+X (+) = E C(X+X)+  $= E[e^{xt}]E[Yt] = MGF(X) \times MGF(Y)$ MAF & Bhonial (n, b)

Bor noull'  $X_{n,p} = X, (p) + X_{n}(p)$ MGF[Xn,p] = {bet + (1-b)}