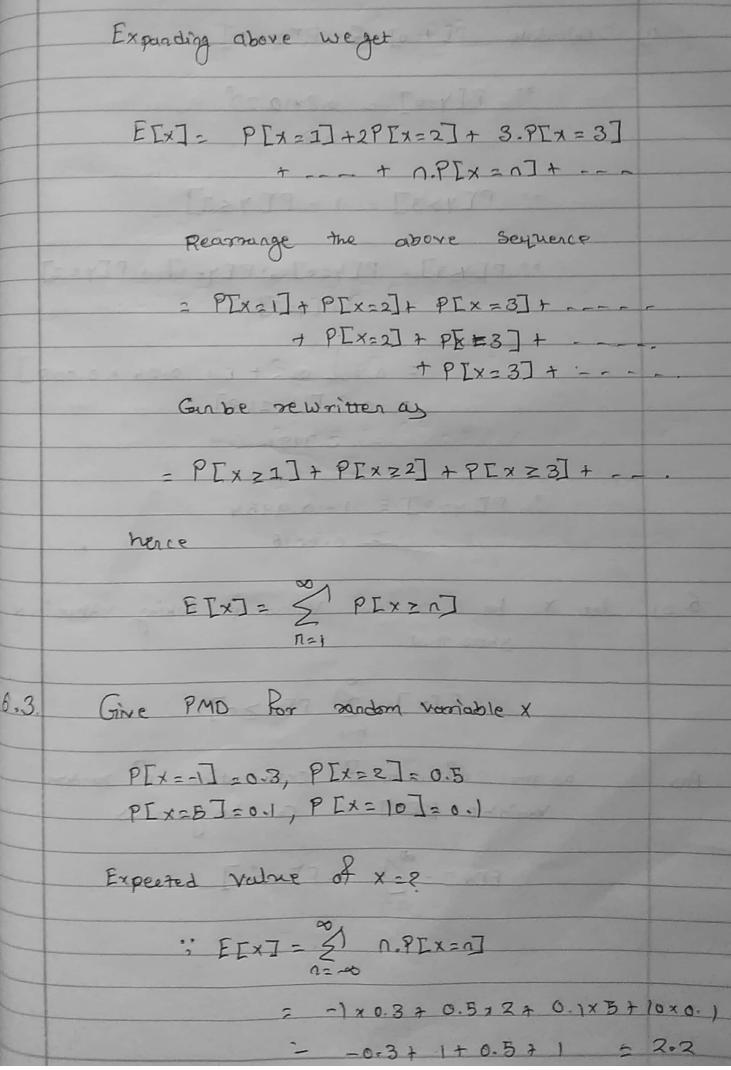


b)	Colculate P[Y=0] & P[Y>3] P[Y=0] = 0.8*(0.2) = 0.9 P[Y>3] = 1 - P[Y<3]
	· · · · · · · · · · · · · · · · · · ·
	= 0.9984 P[473] = 1-0.9984 = 0.0016
6-2)	let X be a random Variable taking value in N Show that E[x] = 21 P[x > n] N=1
Ans	as per defination of expactation of sandom Variable III x Can be given as E[x] = 2 0. P[x=n]



6.3	The given Relation of $Y = e^{2x}$
(16-3)	0.76
	E[Y]=?
	E [P(a)] = 2/ P[x=a]
	0.3e^2 + 0.5e^1 + 0.1e^10 + 0.1e^20
	1096,41366

