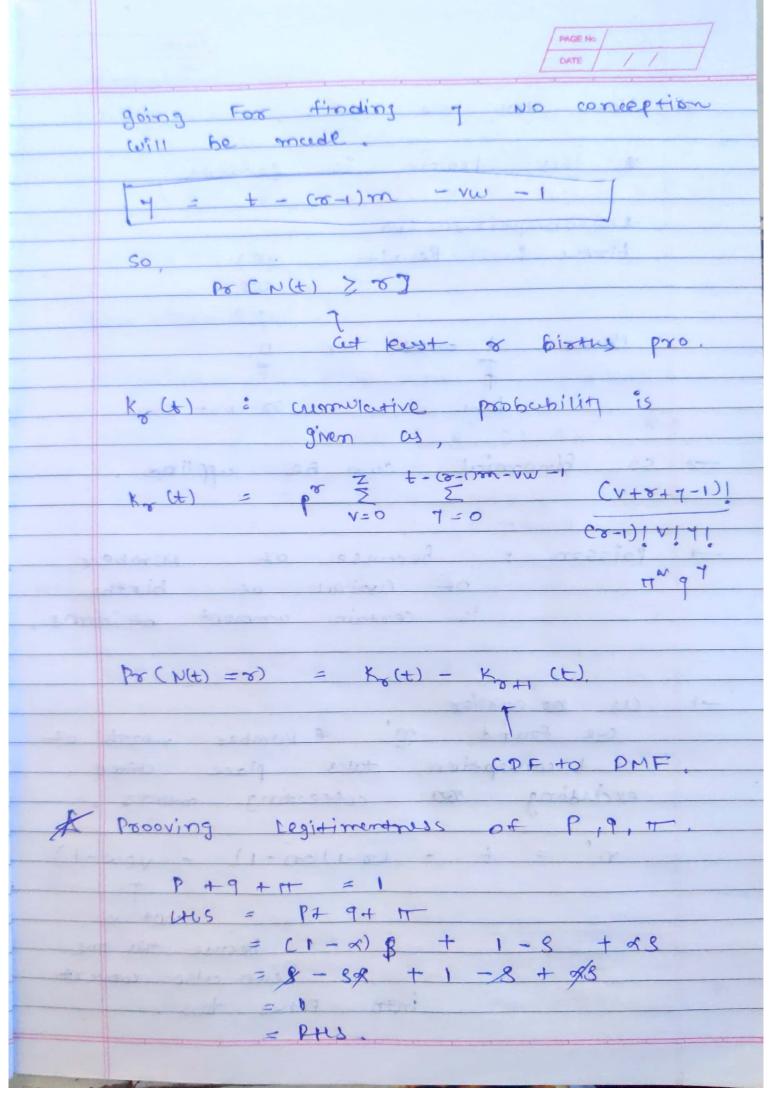
	Mayank Tante PRP DATE //
₩.	so wheat is the pooblem 9
	A CONTRACTOR OF THE PROPERTY O
->	what is probability that Live birth
- File	can takes place after Nine worths
-	we are going to prind the Probability of nthe birth traks the Pluse meens nthe 1-conception traks
	probability of the 1-conseption takes
-	Place means in
	the phice
	Uncontainity :
	There are room Freedows
	that are associating the a women
	Fertility and extract the 1-conception
	or oblow 1-conseption or non-
	Birth affort that 50, The note
	L-correption will takes the place
	is totaly uncertain.
100	a la lata la
A	owo Asticul is based on the
	Human Fortility model
	and the part of the part of the
	Assumptions In The present
	Assumptions In The prosent
	the second belong out the contract of
0	The disussion will be concerned with
1 1	a honogeneous gooup of women.
	all women ove Fully fertile and
	they susceptible to pregnancy of
	merorige.
	The edinace la Unit of time is
	one month so, all probability
	is Found cet besed on monthly Po

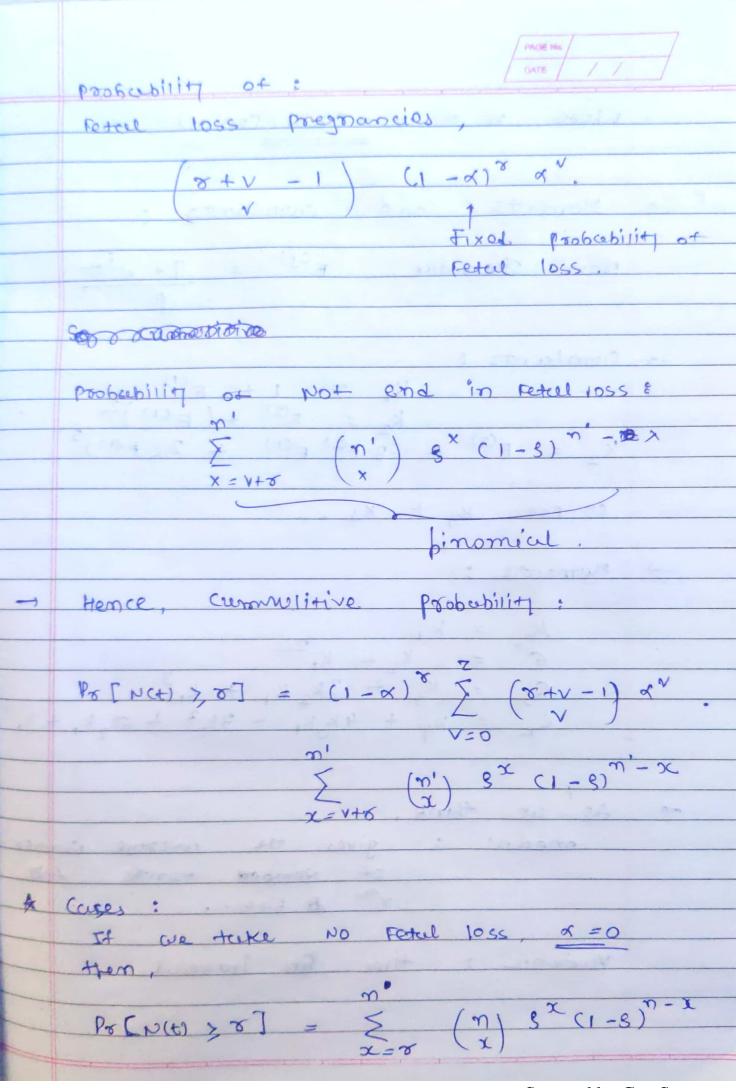
DATE (3) Duoing an eque oten a women is susceptible to conception, the monety probability of conceiving (Accumdebility) is equal to 9. monthly Probabilit of live piots treks the Place Which is constent Living the Period of observation. can be estimated for dutesets and observation. 8 = 0.01 Fixed probability (x) that any pro (3) prograncy will end in a fetul ross comis ravoiage, abortion. 00 Still biotu) (4) Frector thet use included in Lconception is: + infecundable period by w months * Fue infecumdeable poiods consists of the period of pregnancy Plus a postportum infrumderble persiod. so, my -> before the promont my - chee bed beduoud

PAGE No. total = my + my In general, they are 15 Months (5) hear New notation to No. Norths from revoringe. that can be modeled wing ylamothwelly becaye apove (±-1) month no then \$1000 B (1-8) t-1 it we put t=0, we need the modification. going Further, I want to declare some notestions (i) Prospeciality of Live birth P= (1-x)s (il No conception 9=81-9 (iii) Fetul 1055 10 we doe going to find the pr. of of the grath

-> Live bistu. , months where fetch loss. combinations are there, because Anything can heppen in an order 80 COR P-200 COR In combinations we take (5-1) because or is in Funture for thet we are predictions. $\sum_{s} \frac{(s-1)!}{(s-1)!} \frac{\lambda!}{\lambda!} \frac{\lambda!}{\lambda!}$ cumulitive Probability, Total L-conception poerious consuming time (r-1), m months somaining months = t - (x-1)m -1 - There is v conception and in textel toss. 05 v 5 7 and (2W) 5 + - (8-1)m -1 hers to be small. Clogically).



-> Home How are model # this Process is decrete, de conceptions lies birth: Result jes Meens 1 answer or 0. fore fore Dr Not done so, binomial can be applied Poisson: because of pumber of avoival of bioth Is ceration amount of time -) cy cartier, we found n' & rumber monts of 1 conception take place cifted exclusing and affecting monts. $n' = t - (\omega - 1)(\omega - 1) - v(\omega - 1)$ not w because this one can also convert into Ferul toss



where n = t - (2-1) (m -1) - Moments and cum Lants: From Observation, FCil = 9+ with Cum Lants & $K_{2} = F^{(3)} + (F^{(1)})^{2}$ $K_{2} = F^{(3)} + (3F^{(2)})F^{(1)} + 2(F^{(1)})^{3}$ CY FOO Kg + K4 -> Moments: As we think mean: gives the average pumber of months for str. & bistr. Variance: time too interoval,

