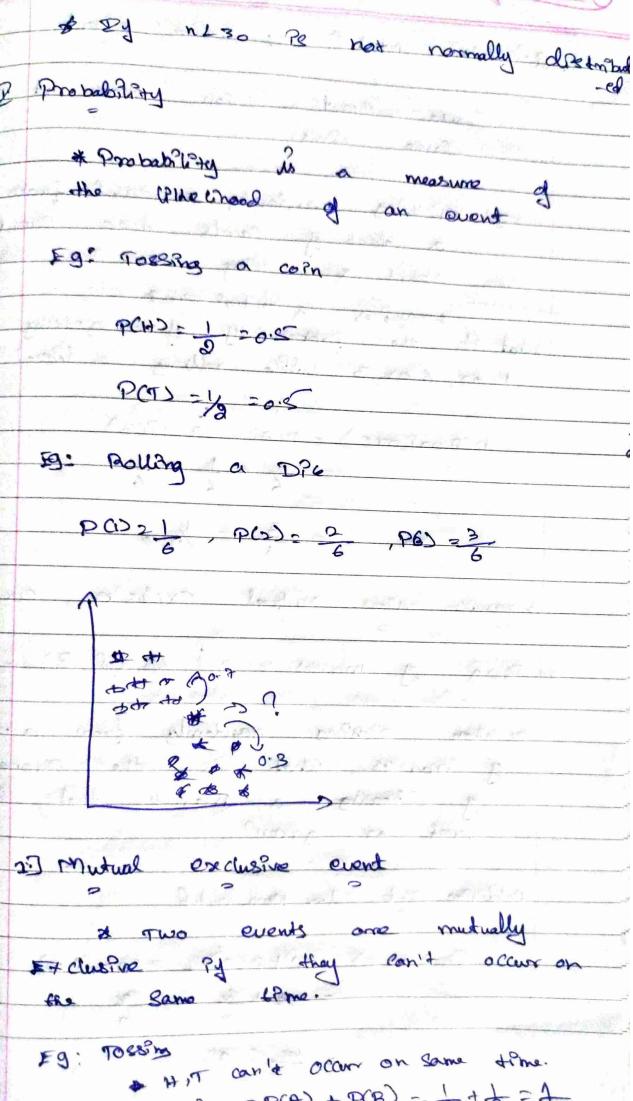
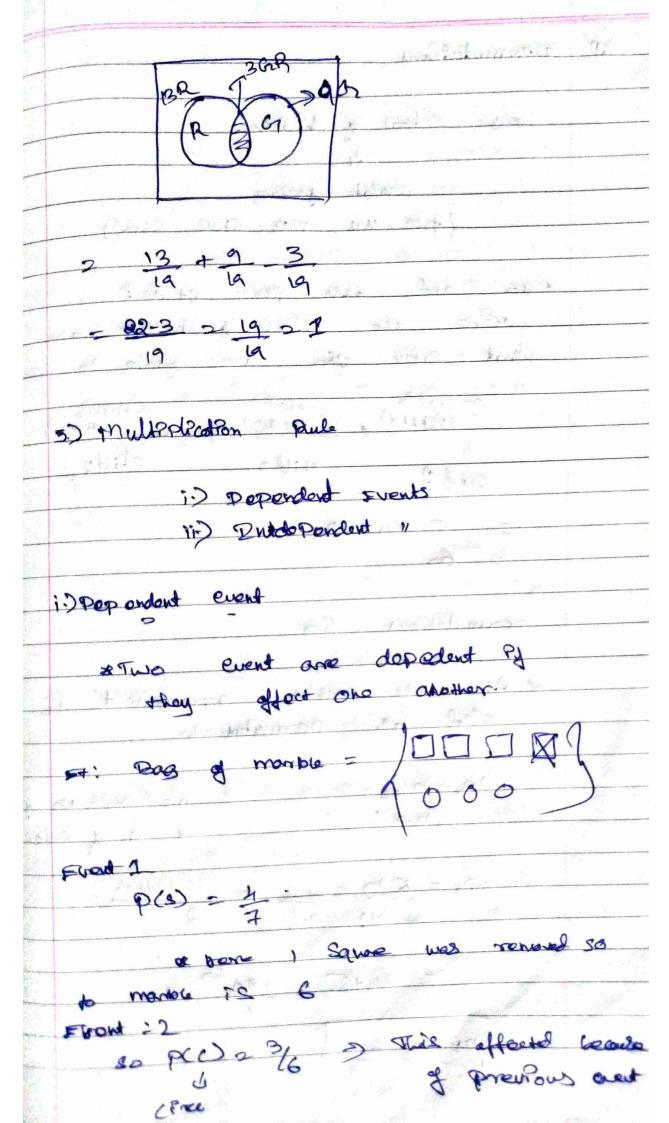
to 49ml the one of 1.75%.	
ans g 1-25% Ps 3 85%	
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70P2S	V
2.) Contral 1 ?m?t Thornom 8.) Probability	
3.) Pomestations & combinations 4.) Co-variance, parson correlation, Rayle	conval conval conval
8) Bornoule's Distribution 60) Bishormial Distribution 70) Power Law of parreto Distribution	y
2 Central 19mit Theorem 5 Gauss Pah Normal Normal Normal	
Normal N Dopulation	No. of the last
Distriction.	
OPSAM? bush or. No population	

D'I of t ground (N) - Parala Pin * In any destribution sugar ?3 > 30 no sise of Sample ma No. of Samples Jan - sent Sen 8 It our date is reversal distributes or not harmal destrobution that Can be decide by if n > 30 of the control Chan't thoorem says that It you have a population with many & 3d or and take Sufficiently Cargo random Samples (1230) from the population with represent then the distribution of the sample means w? 11 be apposimately parameter destro butal.



P(AOTB) = P(A) + P(B) = 1+ = 1

20 Non- Mutual Exclusive Event Two events can occur at the Same 49me. Eg: PPching randomly a card from a deck of cards, two events heart & King can be scleeted What By the probability of getting 1 or 6 or 3 while rolling a dicea? P(AOnBone) = P(A) +P(B)+P(B) 7 1 + 1 2 3 = 124 Frank Non mufuel exclusives event F: Bag g mables: load, 60 med, 3 hold Green q: When proxime mandemly from a bog g marbles what is the probability g Chaosing a married that Ps red or grown? Addresson aub for My mutub P(BOXB) -P(B) - P(Bond B) = 1 to - 3



I permutations 58: school g duildren shoots factory Jom, Mu, MB, SHUS, SSHOW the stident forst & chocate gould do see 5 charles (gith stor) 3 chands and 1 permutations = 60 All the possible armangement permatations m = Testal No. good es of solections 1+2+3+4+

Combinations * Ropartation w?11 not occur DM HU MBY -> 18+ OCCUR Delet HX occor we will have only bull formula 11 (my)! 31(5-3)!-V+2+344+5 pd+3+2 = 2010 nex 4) Co- Vargano werent Aged wester Age Agob weight 12 13 15 17 18

Sparman Mark Corrolation Correlation can only & peonson Lehons Aleta (Phorose & Spannan Bank Connelation 2+ an consider the hon-silvon Data also Gormana Ms = CONCACAD, QCOD) 5 (A(+)) & 5 (A(4)) A CX B(4) - 2Ct) Dans 2 AUG 210) ELECT) = CONCRC+), RC+) = &(x;-x) x(y-1)

19

Why this Connelation WPI 0 098. whoole to comeided tre conde Masty Condate 502 ar droop any one feature