Nome-Kushque Kaushik Roll No-102103612 - glaup: 3C022 Palameter Evaluation Assignment 1 # 2 b(x) = 1 e-(xy)2 XI, XI, X3. .- Xn - Sough of Size w T(X1)X1 ... XN) = \((x) \cdot (xn) = (1 e-(x-y) (1 e-(x-y)) (1 x 62 202) Toking lag on his ln(L)=- n ln(2x 62) + E ((xi-y)2) 1 lu(L)= 0 + E - (x()(i -4)) = 0 = E (xi-4) = 0 nx - nh = 6 Kent 0, = x is therefore Dample mon dra(2) = = n + E - (xi-4) = 0 n==+ (xi-4)

82-1 (E (XI-47) Thenh Ox -1 & (xi-4)2 be \$12 Binomial distribution - "(4:00 (1.0) L- TT "Gi oai (1-10) n-2i log ou bs loge = E log ("(xi) + 6,000 + 6,000) differential wifet a J by (1) =0 1 Ex; -10 +1 Ex; =0 (1-0) Ea; - n 10= Exi | Dro