Seci A (Mock Braim) Shoulast Hi (Prob) 18K-1257 M= B5 X2 018 82 23 220.05 Ho! U = 150 4: M&150 x- M 0 2 8/5h 12-16.767 = (FDF. 21-> + 19

Hence O lies in 0.05. We reject mill Hypothesis.

57)

4235 cm 523 cm

1) p(x<26.6)

Z= 26.6-35

22 -2.8

b(55-518) 3/0000P 20 10.5P.V

2) p(n) 57.5)

72 57.5-35 = 0.833 P(220. P(Z) 0833) = 1-0.7967 [N.EL. 02] (3) P (307 C X C 37.4) 72 307-35, -1, 433 722 57.4-35 0.8 P[-1.433 < Z < 0.8] = P[Z × 0.8] MAKO. 0-188F.0 5125 EIF.0 = N. FI.F.]

02) D215 p(x < K) = 0.04 K2-175 175 = X-H 3 4.75 X= 975 N2 × 100

X22/010 82220 Ho: 11-4228 d= 0.05 H1- H1-42>8 18; (N=1) +5; (N2-1) (1002 (010) + (50) 5 (010) 12 (x,-x2)-do Sp. / 1 11 = (500-1d0)-8 31:6227. 1/10+1/00

(t. 0. 447). N= 120+120-5 = 1018 17221.645/ t < tx, Hence hall 13 accepted.