\* Test Decisions Using Confidence
Internals: DIF Ho is Rejected at the Significance level &, then there exist a 100 (1-x) 7. confidence interval which yields the Same conclusion as the test.

This is called as Duality." Ex Consider & drugs A and B and we want to find whether average change due to & drug B is greater (higher) than for drug A, ie. H; Sp > SA.

So, we want to decide whether H, is

Significant or not.

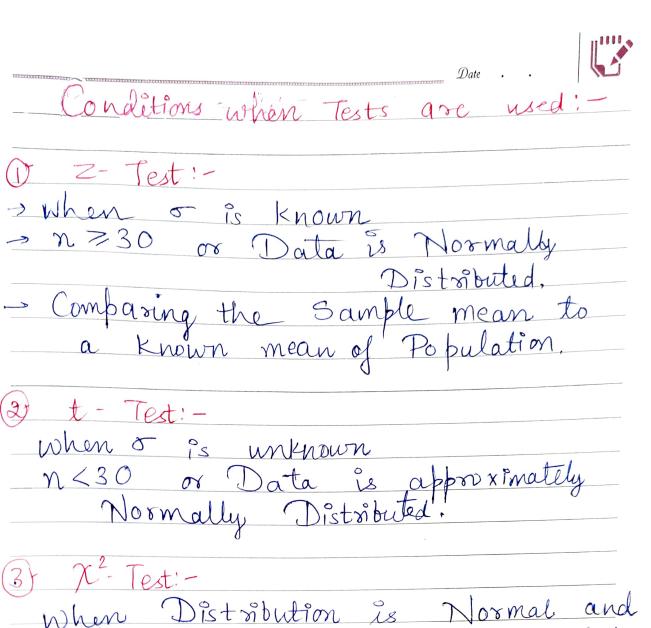
This is equivalent to constructing

(00(1-x) % Confidence Interval for

Sp - SA and checking whether Ho is

significant or not.

THE WALL TO SERVICE



(3) X-Test:when Distribution is Normal and
a fixed variance/Standard Deviation
is given

When variance needs to be compared.

5) X2 Goodness of fit Test:

used when observed Absolute frequencies

are compared with the expected

absolute frequencies under 40,