4.

d. P-Value = . 084, or = . 1

- The valve of P(-y-valve)
0.084 which is a greater
value then or -. 1. So we
accept Auli hypothesis
Ho.

- The value = .039, x = .el

- The value of p (p-value) is

0.039 which is a series

than value of ar. ol so accept the null hypothesis.

f. p-value = . 218, e = .1

The value of p (p-value)

is .218 which is a greater

Value than & =.1.80, we

can accept the Auli hypothus:s

the

5.

The alternative hypothedis was chosen to be Ho: M>100 rather than M 2 100 because the inspection team works sufficient proof to show that the mean strength of welds exceeds 100 16/in².