Jon the quant test of CAT exam, the population standard deviation is known to be 100. A sample of 25 test taris has a mean of 520. construct a 88%. C.5 about mon?

o.1 hyportysis.

494.4 581. 545.6

2520 - 1.28. 100 = 520 - 1.28. 100 √as. = 520 - 1.28×20. 294.4 2 = 1 - 6.5 2 = 1 - 0.8 = 0.2 2 = 20.1 = 1.28

right fenu:  $\bar{x} + 2 \times 100$   $= 520 + 1-28 \times 100$   $= 520 + 1-28 \times 20.$  h.t = 545.6