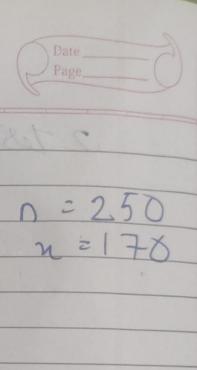
Statistics Assignment 1 Cg: 10,13,18,22,27,32,38,40 45,51,56,5.7,88,90,92,94,99 Sins Size = 20 Bins 20 46 60 80 100 Bin 5 Assignment () 27 Oursion? In a quart test of the CAT Exam, the population standard deviation is known to be 100. A Sample of 25 test taken has
a mean of 520 Construct an ABD 6=100 n=25 \ \bar{n}=520 0.025 0.025 520

	Page
	Point Getin + M
1	= + 2 maler - rangin of Everage
	N = ZQ12 6
	Point Estimater + Marigin of Error
+	20.05 = 26.025 = 1-96
1	
1	1 05 440
-	louver Ferce = \(\overline{\pi} - \overline{22} \)
1	
-	= 520-1.96(100)
	5/
	= 520 - 39.2 = 480.8
	= 480.8
	higher Fence = 7 + 2212 for
	20 vo-2
	=520 +1-96 (100)
	2018 C 5 1
	= 520 + 39.2
	= 55 a. 2 - mandel
	Accept the
	Noll months I should be the
1	bypothesis
	Reject the
	550-2 NOII
	480.8 350-2 hypotheois
	. 17 (-1)
	2390 A



austion 3

My New hypotherit \$60%. n = 178

β = 170°=0.68 250

Po = 1 - 0.6 = 0.4

× 2 0.1

1-6-1=0.9=901

-1.28

2 - test with peroportion

2 test = 0.68 - 0.6 7 6.4 × 0.6 250 = 0.08 = 0.08 = 2-6 the Null hypotheris Or what is the value of the 2,23,4,5,5,5,5,5,6,78,8,8889,9,10, Value = 99 x(21) = 2079 = 20.79

