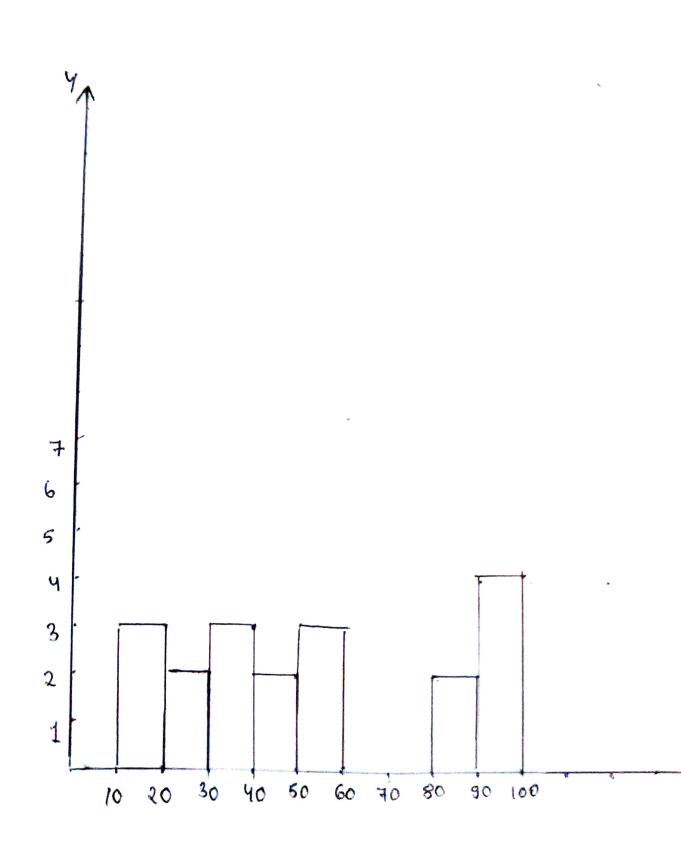
Quet) Plota histogram

10,13,18,22,27,32,38,40,45,51,56,57,88,90,92,94,99



Ina quant step of the CAT Exam, the population standard deviation is known to be 100. A sample of 25 dests taken has a mean of 520. Continuet on 80% CI about the mean.

Pointestimete: It i margnof error

louer genu 2 520 - 1,29 × 100
5

$$\frac{n}{p}, \frac{\chi}{n} = \frac{170}{250} = 0.68$$

$$\frac{2\sqrt{0.24}}{250}$$
  $\frac{0.08}{0.0309}$   $\frac{2.5819}{0.0309}$ 

So, me accept the mull hypothesis I the las compay is vigut.

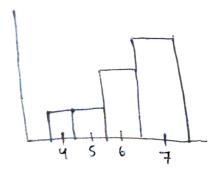
What is the Value of the 99 percentil? 2,2,3,4,5,5,5,6,7,8,8,8,8,8,9,9,10,11,11,12

$$\frac{99}{100}$$
 × n+1
 $\frac{99}{100}$  × 21 = 20.79.

Value of 99 persentile = 12

05

lyt skewed



dataset + 4,5,6,6,6,7,7,7,7,7,8

mode > median > mean

right skewed

dataset - 6,7,7,7,8,8,8,9,10

mean > median > mode.