Date 19th Jone - Love (surgement) 1 Anignment: Eg: 10,13, 18, 22, 27, 32, 38, 40, 45, 51, 56, 57, 88, 90, 92,94,99 bins size = 20, Hoy bins is 5'

of tat - sssignment

(2) Quant test of CAT exam

sample(n) = 25 (\overline{X}) = 520

Date ___ /__ /_

construct an 80% cI about the mean

Higher / Lower Jence - Point estimate + Marging

= 2 + Z /2 × 5

d = significance value

1- (.I = d

1-0.8=0.2

 $= 520 \pm 70.342 \times 100$

= 320 ± 201 × 100

 $= 520 + (1.28 \times 100)$

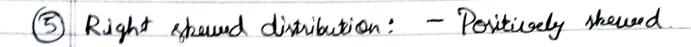
=520 ± 25.6 /

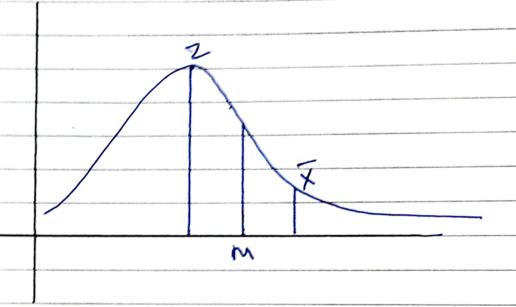
Lower Jence = 494.4

Higher Jence = 545.6

Suath!) Data set: 2,2,3,4,5,5,5,6,7,8,8,8,8,8,9,9,10,11,11,12 M=20/ 99th percentile = 99 (M+1) = 20.79 Index. do, the 99th percentile is (1)4 Left showed - negatively showed Is the distribution is left skewed the mean will be the lowest because the lesses numbers pulls the mean towards them do, ×< M < 2.







As the distribution is positively should, the higher values present in the distribution trends to pull the realise towards night, do,

2 < m < x "