CLASS TEST/MID TERM SCRIPT

Roll No 2022 Course Code: MANH-207 Course Title: _ Date: Student Cr Hr Group: Signature of Invigilator Term/Semester:

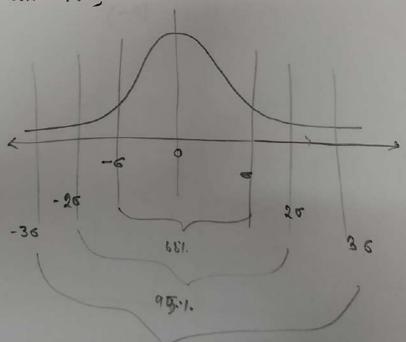
Anyments the guerthen no (1)

According to chebys et; law,

if uz1, 100 (1- 12) is percentage of data menides within the specific area where Titks in the specific bound where in = mean, &= standard deviation, K2 specific moght.

元主Ks か 28 # 3 K = (22,34) 7+2(3)

from the bell conve



99.77.

between the interval (-36,36 we nee 99.77) of the data

from 2 sears,

fon
$$22 \Rightarrow \frac{22-28}{3} = -2$$
for $34 \Rightarrow \frac{34-38}{3} = 2$

the data this lies between -26, 26 region that covery 95%, of the data, one $\left(\frac{1}{2^2}\right) \times 100^{-2}$

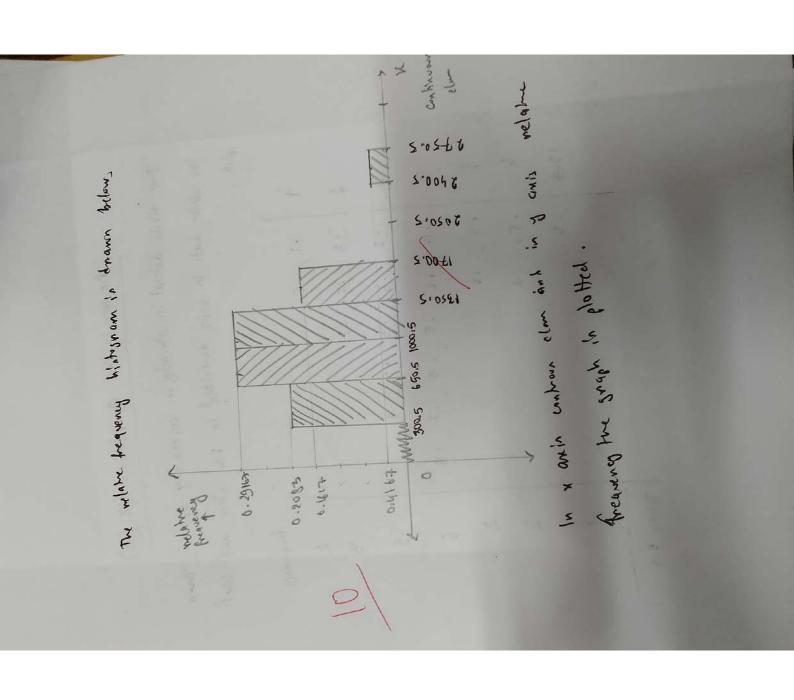
(Am)

Answer to the Quentlin no (2)

Lunest value = 350
highest value = 350
.. althornee = (2550-350) = = 2200

* with 350 difference, no of clamps = 2200
** 2200
** 2200
** 2200
** 2200

								- 4
A N	6.1083	0.29167	0.19167	0.16667	c	, 0	6.04163	-
Produced	S	14	1+	7		<i>></i> 0	_	84
Part.	王	三里	二星	III			-	Total
midpoint	5,5+4	825.5	117-5.5	1525.5	1875.5	2225.5	2545.5	
Calthurn clan midpoint	300, 5-6 50.5	6.9001 - 5.000.5	100.5 - 1350.5	5:001-5:051	700.5-2050.5	25012-5005C	140.5-2.3.50.5	
clero	301-650	6:1- 1000 050.5 - 1000.5	1001- 1350 1005-1350.5	1351- 1700 1350.5.1700.5	1701- 2050 1702,5-2050,5	2051-2400 2506-2400.5	2401-2950	



Answer to the Question no (3)

The whole dataset in almeady in ancending on her. Thun the whole data in being described in her. glem and leaf plot.

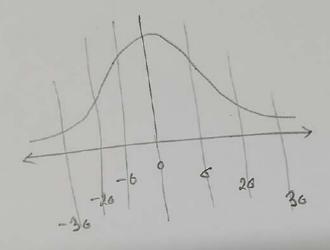
ę.	1		frequency
	1	O1, O5	2
	2	①1, ①5 ①3, ①5, ·7	3
4.5	3	02, 3, 3, 5, 8	5
	4	.0, .2, .5, .7, .8	6
	5	.5, .6	2
	6	.5, .7	2
	10 -	.3	
	12.5		1
		2 70 2 70 70	ugan)
			Total = 21

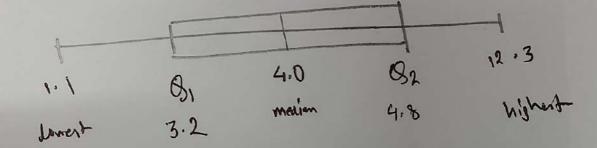
from the dataset me can be,

in 64, totem, the nearch care the hishest that are 6 in total.

The dataset can be raid approximate.

an for,





above in calculated the box plot,

an for median n=21, 2.

11 m + (11 1) th (21+1)

2 4.0