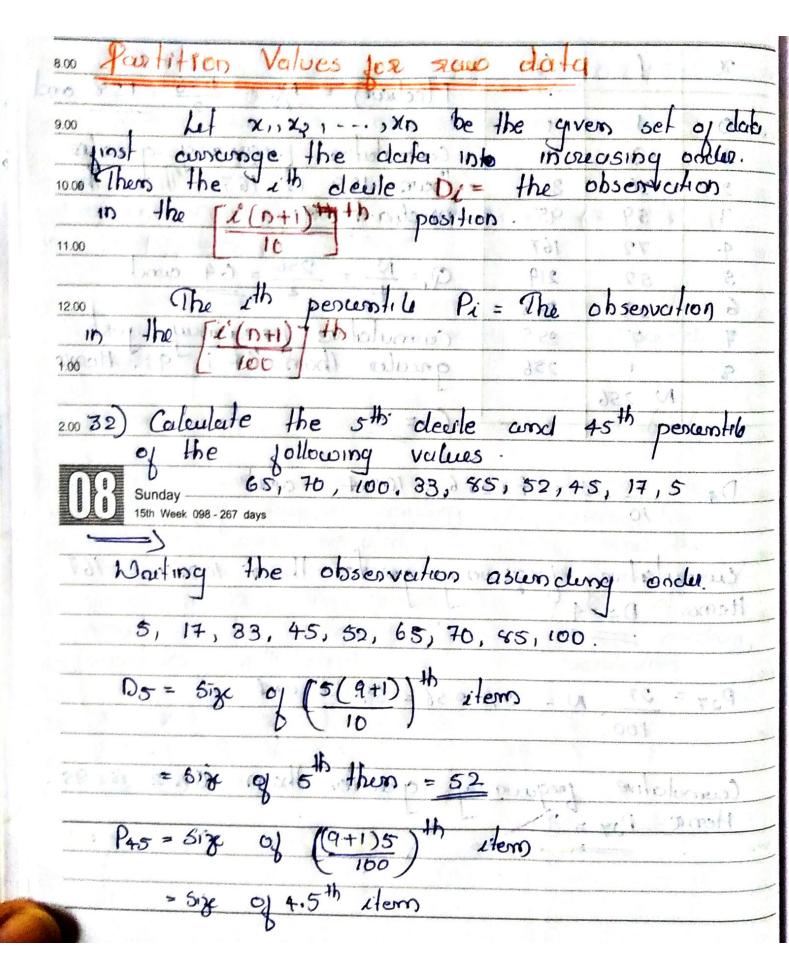
വർഷ വർഷ സ്പോ പും വി പ്രപ് ് രണ്ടം ന് ഓണ്ട നാങ്ക് ലി പ്രോർഥി ഫിസും പ്രോർട്ട് നാതിന് the values Cero סלמו a number of equal 10 cuits positional values which divide! data into different number meclian chrides data into - divides the data into your equal Down's divides the duta into tem equo percentiles - divides into hundred equal 360 DB quartiles hree 10. , Q, , Q2 are just quartile, second guartile CIS lower quartile, midèlle quartile and runci quartile respectively. uppen sep anales The Q, 195

first one-jourth of the data from the upper there-jounths and is equal to the 25th 9.00 percentile. The second quartile of divides the élata into koo egocil points (like median) and is equal to the soth percentile. The third quantile Q3, separates the just three 11.00 quarters of the date from the last quarter and is expect to 75th percentile. coluct exceeds 1-1 % cy The post quartile. Qui is the value 25% of the observations and be exceeded by 75%. of the observations. The 200 second quartice of coincides with median. The third quewalle 03, is the point which APRIL has 75% observations before it and 14th Week 091-274 days 25% Observer trons Oalto 17

Deciles care the position, values which divide the cananged data into tem equal pasts. Thus one nine deciles as, D., D21, D3.... D4 and 5th decile is same as mechan on Q2 because

12.00 · dercentiles 1.00 Percentiles are the values which divide points. There we 99 percentile is, to 3.00 PriPar Par -..., pag The 50th percentile divides the series into two equal pasts and 4.00 Pso = Ds = median in all sie 500 Similarly the value of Q1 = P25 and value of Q3 = P75.



<i>p</i>			
00 = 4	th riem	+0.5(5th-4th)
			0.4
00 = 4	5 +0.5	(52-45	5) = 45+3.5 = 48.5
			48.48
. Partition	· Valu	es 100	ungrouped prequency tuble
n hel	x,, x,,	xh	are the observations fifty;
for are	the co	onespone	ding prequences. Arrange the Jen. Prepare LCFT. The value as the (in) the in order by
atable in	ascern	Jing one	Jes. Prepuse LCFT. The value
of observ	vation	Coming	as the in order by
0		7	(10)
manifiel	look	, the	cumulative preguency column
1 Jho	tho day	ule Di	complaine prequency columns. Similarly Pr 13 the six prequency.
n (in	1th cu	mularve	prequerdy.
0 100)	7	
(a) find 7	th devil	e and	86th percentile. Jon the follow
			The second secon
Vulue	: 5	8 1	0 12 19 20 32
Frigany	: 3	10 1	5 20 8 7 6
==> J			
Value	+	LCF	D1 = 7. N = 7. 69
5	3	3	10 10
8	10	13	7110 - 103
10	15	24	= 716.9 = 48.3
12	20	4-8	1. 1hon 48.2
19	8	56	The CF qualer than 48.3 15 56 thus D7 = 19
20	7	-63	15 56 thus 07 = 19
32	6	69	
The second secon	N=69		
	10.01		

	25 26 27 28 29 30 31 29 30
= 86. N = 866 .	69 = 86 x 0.69
100 100	
) = 45+8.8 = 49.	45 +015 (82 -4-5
59.34.	The state of the s
greater than 5	9.34 13 63. thus 46
= 2000 211 200	the are consequence
***	100 100 = 59.34. gaeater Than 5