		DATE
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Class-8 J	Mathematics	
Chapter-17	Ban Ginap	th, Histograms, and
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Gc 17.1.	<u> </u>	
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- ů)		
a) Upper	dimit = 10	, Louier dirnit = 0
, ,		
Class	size = Uppe	r dimit - Louver dimit
Johnson 1991	= 10	-0
38	- 10	
. 6) Иррен	limit = 7	, Louis dimit = 0
Class	usize = Upper	r dimit - Louver dimit
81	= 7	-0
C) Upper	limit = 100	, Louis dimit = 0
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Class	size = Upper	dimit - louver dimit
7-111	= 100,	T stangend
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	5.	
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		PAGE

	DATE
	Sign march march bill
	a) Upper limit = 10, Lower limit = 3
	Class Mark = Upper dimit + Lower dimit
	Lass J'Cork = 2 77 Miles
	= 10+5 15 = 75 10+5
	2 12 =
	15 17.57
	= -19
	0 = fixule nound = 7.5 = front, noggl to
	b) Upper dunit = 12, tower dunit = 6
	Man Mudpoint or Class mark = Upper Junit + lower tin
	De Rical Remot Fe timbe un 276
	thank round - thank round - give sent
	= 18
+	Or thank round out - faith 19 was 10
	c) Upper dimit = 10, Louiser dimit = 0
	Classmark = upper dimit + Lower Junit
	Class Mark = 2
	10+0
H	2
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-	= 5
	classmate

		DATE	
(d) Upper limit = 90,	louer climit = 80	
		17 North	Garage File
1	Class mark = 40+80	= 170 = - 8	5
	Class mark = $\frac{90+80}{2}$	r giller!	este soft
	e) Upper dimit = 75,	Journ limit = 70	
1	75+70	145 - 705	2
(Class mark = 75+70	= -2 = +2.5	
-	P. 1 2 00	1 1111111111111111111111111111111111111	2- 1
	f) Upper dimit = 38	, Lower limit =	50
1	Plass mark = 38+30	68 = 34	
	auss mark - 2	2	
0	in) ada mo made a	di la dens de	F. a. 8 62
	a) 70-80 and		
	so The fourt more	class untervals	are
	80-90,90-10	0, 100-110, 110-	- 120
		7	E
-	6) 30-35 or The fourt mor	In antique of	congrade
-			
	49 35-40 . 4		
		10-45, 45-50,	50-05
	0	10-45, 45-50,	50-05
	b c) 0-6	1 111	oi-
	6 c) 0-6 .°s (The fowt m	one class unter	oi-
	6 c) 0-6 .°s (The fowt m	1 111	oi-
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40-50	144 1111	9 13
50-60	111 1111	11 40
60-70	JH1 11	82 F
70-80	JH+	5 82
80-90	111	3
90-100	# 1	1 89
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7. -	Given heights of all the players in ascending
7.	Given heights of all the players in ascending
7.	Given sheights of all the players in ascending order. 141, 146, 148, 148, 152, 154, 160, \$161, 162, 165, 166
7.	Given sheights of all the players in ascending order. 141, 146, 148, 148, 152, 154, 160, \$161, 162, 165, 166
ㅋ.	Given sheights of all the players in ascending order. 141, 146, 148, 148, 152, 154, 160, \$161, 162, 165, 166
ㅋ.	Given Ineights of all the players in ascending order. 141, 146, 148, 148, 152, 154, 160, \$161, 162, 165, 166
ㅋ.	Given Ineights of all the players in ascending order. 141, 146, 148, 148, 152, 154, 160, \$161, 162, 165, 166 Now, Juntage = 141+146+148+148+152+154+160+161+162+16
7.	Given sheights of all the players in ascending order. 141, 146, 148, 148, 152, 154, 160, \$161, 162, 165, 166
7.	-Given Ineights of all the players in ascending order. 141, 146, 148, 148, 152, 154, 160, \$161, 162, 165, 166 Now,
7.	-Given Ineights of all the players an ascending order. 141, 146, 148, 148, 152, 154, 160, \$161, 162, 165, 166 Now, Awadage = 1700 11 = 154.545455
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7.	-Given Ineights of all the players an ascending order. 141, 146, 148, 148, 152, 154, 160, \$161, 162, 165, 166 Now, Awadage = 1700 11 = 154.545455
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7.	-Given Ineights of all the players in ascending order. 141, 146, 148, 148, 152, 154, 160, \$161, 162, 165, 166 Now, Awage = 1700 11 = 154.545455 = 154.55 (approxi)

		DATE	
	W 1011111		ding onder
	48		Joseff Lord
Now,	Mean = 2.5+2.8+	3.0+3.3+404	1.0+4.3+6.5+7.6
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15 - 51 + 61 + 60 +	= 4.25	5+58+60	
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	Gc 17.1		
9.			of the property of
1000000	No. of pens	Cost (7)	I fixi
0 00	No. of pens	Cost (7)	son the la off
. 14	1	30	30
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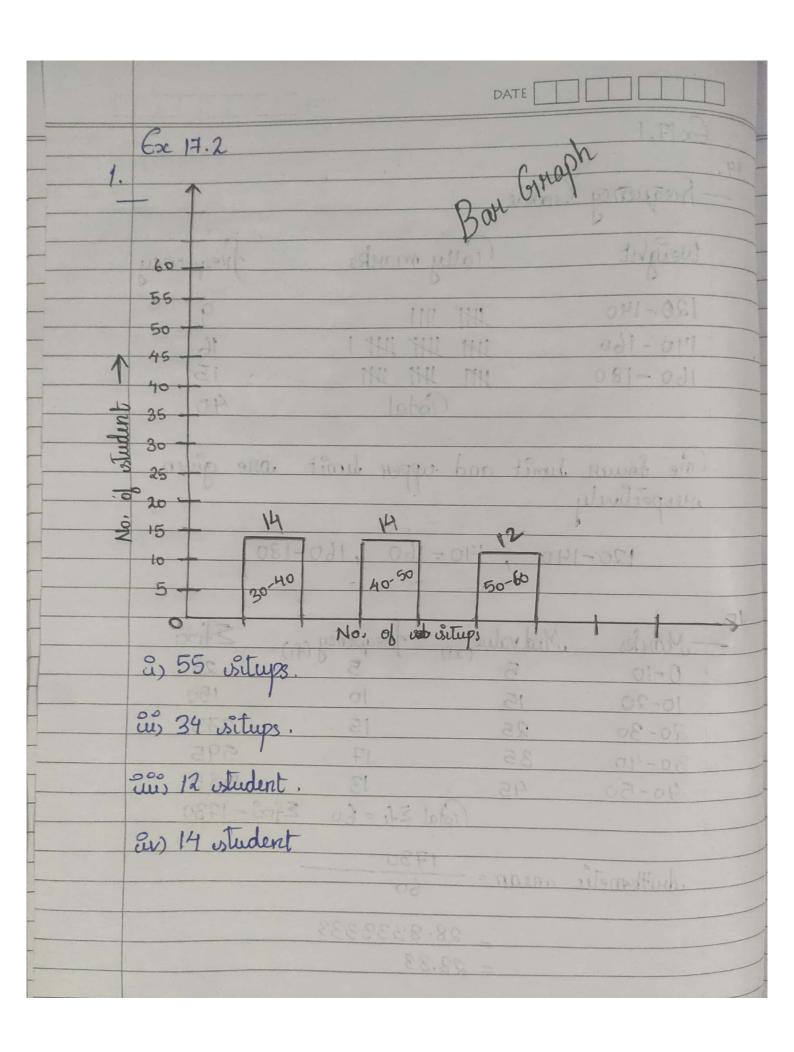
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	0-10	5		5	25	
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	20-30	25		15	375	
	30-40	35		17	595	
	40-50	45		13	585	
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			6	0		
			28.8	333333		
			28.83			
			2010			
						-
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	classmate				PAGE	

- Cumulative	frequency table	Jo entrucket of
Marks	No. of istudents	amulative frequence
0-20	15	0+5=5
20-40	11	5+11=16
40-60	19 00	16+19=35
60-80	11	35+11=46
80-100	4 00 - 101	46+4=50

			DATE	
12.				
_	3, 20-40 =	of each e	lass	systelianis -
	3, 200 0-20	2040	= 10	
13/	Part of the last trans	2	at it is	A Swall
-	w) 20-40=	40+20 = 1	30	
	w) 40-60=	2 = 5	0	
	000	80+60	11	
	ûv) 60-80 =	= = =	0	901-09
		100+80		
11.0	w) 80-100=	2 = 9	0	
	Now,	of short o	de la	wowahit -
	Marks (2008) N	no value	frequency,	fixe
	20-40	to (21)	5	fi) lox5=50
	40-60	50		30×11=330
	60-80	70	19	50×19=950
	80-100	90	- (1	70 x11 =770
		Potal ifi	Famous	70 x 11 = 770 90 x 4 = 360
	01 = 19 + 08 =	(1)	50	Σfizi = 246
	And Aruthy	netic men	n = Efia	CI
			2	
			246	D
		- 130 kg	= 246	P Manualina
		1		2 Manufactures
			= 49.2	
			· ·	

13.	是.那.全.
_	3, Weight in kg Real & lower and upper limits
	35-40 35.5 - 39.5
	40-45 8800 40.5-44.5
	45-50 45.5 - 500 6 49.5
	50-55 50.5 - 55,54.5
	December.
	in Age of people Real bound and upper limits
1.0	4.5 - 65.5
	6-8 6.5 - 7.5
2007	8-10
	10-12 10.5- 11.5
on Ti	to wife in height tothe of black arms arms 221 cine

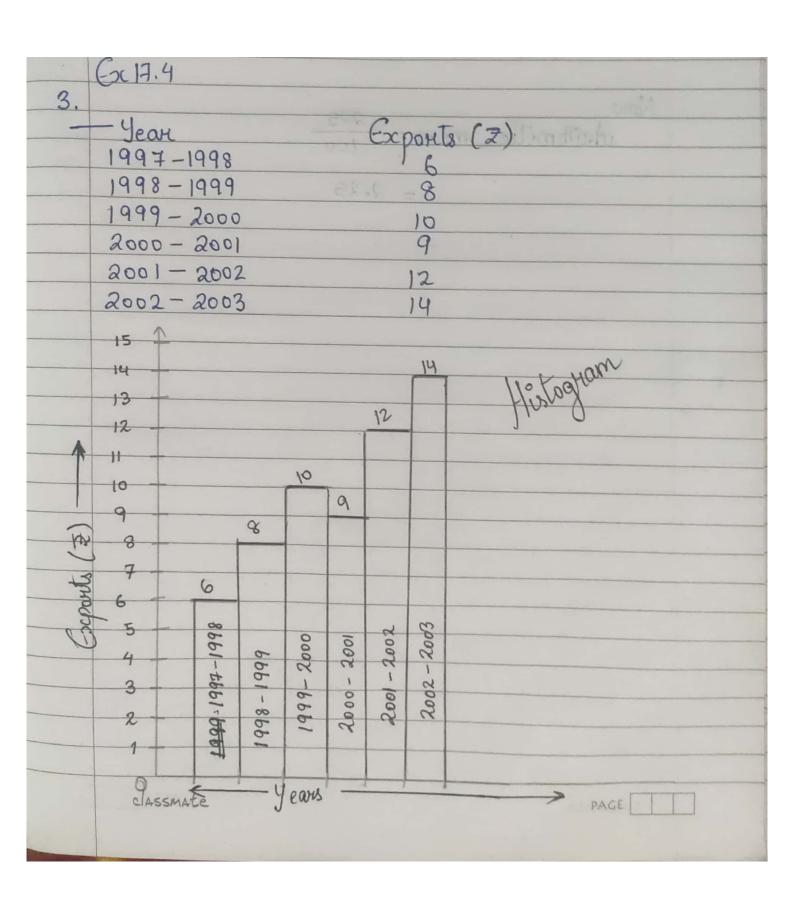
	Ex 17.1		S. PT 4-31
14.	- Frequency Cable	(m.A)	
	Weight	Pally marks	Trequency
	120-140	HHT 1111	9
	140-160	H H H H	16
	160-180	HI HI IH	15
		Rotal	40
	ine dower limit	and upper limit	are given
		4	Al San
	120-140	140-160,160-	180



Thequency Table		The same of the sa
1000	(5) (6)	1 fuencen
No of wit ups	Tally marks	THEQUEACY
0 08	0 08	, , ,
30-40	HT HT III	14
30-40 40-50	JHT HHT IIII	14
50-60	HH HH II	12
25	Gotal	40

Ex 17.3 1. - 3, Marich and May in July in July in January and November in February february, April, June, Septemb December. v) iduant and October. vi 60 cars mere sold in the first qualir of year. vii 70 cars were sold in the second quater year. viii 125 cars were sold in the Third quater year. in 95 cars were sold in the fourth quater year. col Thurd quater of the Year.	of the
1. -3, March and May is July is July is July is July is July is January and November is February february, April, June, September December. v) dugust and October. v) 60 cars were sold in the forst quater of year. vii 70 cars were sold in the second quater year. viii) 125 cars were sold in the Third quater year. viii) 125 cars were sold in the Third quater year.	of the
This July This July This January and November The february february, April, June, September V) August and October. Vi) 60 cans were sold in the first qualer of year. Viii) 70 cars were sold in the second quater year. Viii) 125 cars were sold in the Third quater year. Viii) 125 cars were sold in the Third quater year.	of the
in July Tanuary and November The february february, April, June, September V) idualist and October. Vi) 60 cares were sold in the foist quality of year. Viii) 70 cares were sold in the esecond qualer year. Viii) 125 cares were sold in the Third qualer year. Viii) 125 cares were sold in the Third qualer year. Viii) 125 cares were sold in the Third qualer year.	of the
in January and November in February february, April, June, Beptember. V) August and Detober. Vi) 60 cars were sold in the forst quater of year. Viii) 70 cars were sold in the second quater year. Viii) 125 cars were sold in the Third quater year. Viii) 125 cars were sold in the Third quater year.	of the
v) dugust and Detober. vi) 60 cans mere sold in the forst quater of year. vii) 70 cars were sold in the second quater year. viii) 125 cars were sold in the Third quater year. vii) 125 cars were sold in the Third quater year.	of the
v) dugust and Detober. vi) 60 cans mere sold in the forst quater of year. vii) 70 cars were sold in the second quater year. viii) 125 cars were sold in the Third quater year. viii) 125 cars were sold in the Third quater year.	of the
viù 70 cares were sold in the second quater year. viù 125 cares were sold in the third quater year. viù 125 cares were sold in the Third quater year. viù 95 cares were sold in the fourth quater	of the
viù 70 cares were sold in the execond quater year. viù 125 cares were sold in the Third quater year. in 95 cares were sold in the fourth quat	of the
viii) 125 cares were sold in the Third quater year.	of the
iso 95 cares mere sold in the fourth qual	of the
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D. D. C. C.	734
2. all a company that winners	The Tare
- 3) House is faller	
981-081 (801-08	4
2.	11
To House is faster than dog by 9 km/h	
3) House is faster than dog by 9 km/h is Cheef Cheetah is faster than house by	40 km/h
Cheetah.	
3.	-
in Blue whate in Flemingo in African Elephant and Rhinocerus.	
classmate	

5.		A.P. A.
	-3, Mumbai , in Kolkata ar	nd Chennai
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-	- 9, 15 , 23 , un 6	, av) 23
	w) medum weight boxers (80	-100)kg.
	v) medeum weight boxers (80 v) Heavy weight boxers (at	pone 100 kg).
	0 0	0
2.		
-	-3 60 , 3 68 2 , 3 4 4 4 58 4 60 -70	û) 38 , ûv) 11
	V) 20 , vu 58 , vu 60-70).
		stort werenned



			DATE		
-	Gc 17,5				
,					
	Vehicles	frequency	Pencentage	degree	Round of
	Motor Bikes	6000	6000 × 100 = 50%	50x3.6=180°	180
-	Carus	3600	3600 × 100 = 30%	30 x 3.6 = 108°	1080
	Pick ups	1200	1200 × 100 = 10%	10 x 3.6 = 36	36
-	Vans	800	800 × 100 = 6.7%	6.7 x 3.6 = 24.12	24
-	Min toucks	400	12000 x 100 = 3,3%	3.3 x 3.6 = 11.8°	12
	Cetal	10			
	Toruc	- 12000		Ciotal =	360°
		Motor Cake	12° Mini Junch	Ciotal =	360°
		Motor Cake	12° Mini Juck	Ciotal =	360°
		Motor Cake	2/2° Mini Junch week Vans Submin	atted by Marann	