Digital designment-21
NAME: Withish. G

Regno: 19 B(50012

Grade	9-10	10-20	20-30	30-20	A0-50	50-60	60-70	08-0t
Stude	15	20	20-30	24	010	33	71	51

			15	ak al	
GOPS	mid	Frequency	q = x-0	Fd	
0-10	5	t5	3	-45	*
10-20	15	. 20	. 1-2	-Jeo	. /
20-30	25	25		-25	ŀ
30-20	35	24	. 0	0.0	
f10-50	45	10	1	10	
50-60	55	33	2	66	
60-to	65	71	3	213	
70-80	75	F - 5 1	4	204	
			T	1.	

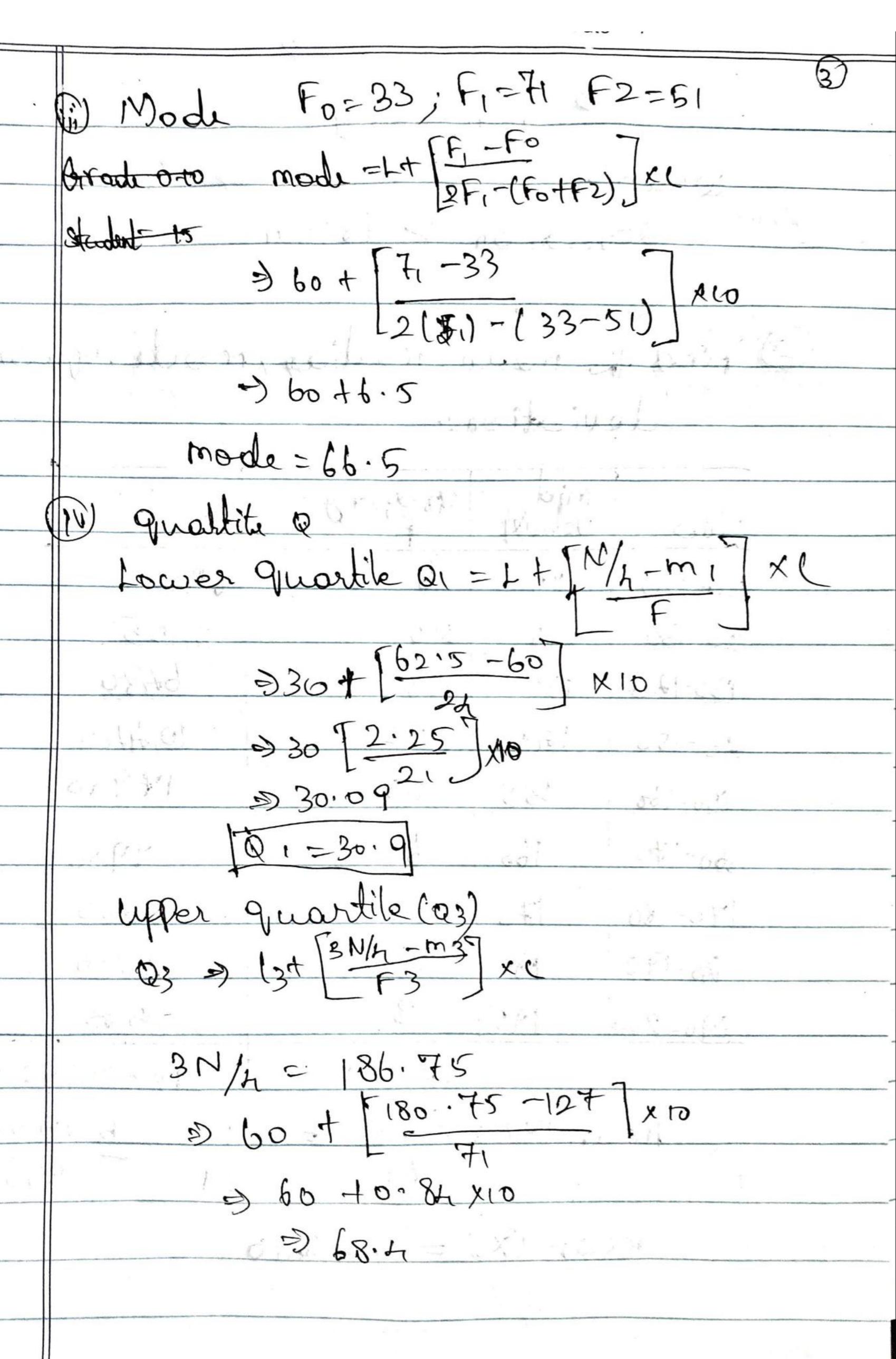
£F=249

$$d= x-A/c \Rightarrow c=10 A=35$$

mean $(x)=A+(\frac{2Fd}{2F})xc$
 $\Rightarrow 35+(1.53)xw$

mean (x) = 50.381

		median			
		class	Frequency	C.F	
		0-10	155	15	
		10-20	20	35	
1 (2)		20-30	25	60	
		30-40	24	84	
01	1	20-50	1 00 10 01	94	July Grandwork
)		50-60	33	127	median class
		60-70	71	198	
		40-80	5+	Pile	inde to
		No. of the second	2F=249	. 1	
-		D N = 240	2 01 N/2 =	249/2	2124'5
	1 1				J 127
					Class 33
	C	5) Lower	limit of	redian	chass==50
	Q	C.F.	f Pru new	lian d	ass m=94
	(;	C=10		D . 1 .	
		· W	edian = L, t	1/2-	mcjxc
			=> 50,24 => 59.24	4.23	4]x10
	#				(- \A * 1 = 10
		2		(1.0-2-31
		(j, **)	1 24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	



Ouartile deviation=103-01

Quartile 2 deviation > 18.74

Find the mean, median, mode, quartik deviotion:

		,			1
	class	mid value(x)	frequency.	FX.	
	110-120	115	6	690	
	vo-130	125	25	3,125	
	130-120	135	48-1	6480	
	40-150	125	72	10,440	
	150-160	155	- 116	14980	
	160-170	165	60	9900	
	170-180	175	38	6650	
	180-690	185	22	4070	
	190-200	195	3	585	
-			2F=390	2Fx = 599	20

Mean $\sqrt{x} = 2Fx = 59920$ $\sqrt{2}F$ $\sqrt{2}F$ $\sqrt{390}$

mean (X) = 153.6410

CITIES MATRIC.HR.SEC.SCHOOL

R.T.O.Road, Phase-II, Sathuvachari, VELLORE-632009.

Exam No	0. :	 Subject:	
Class	: '	Date :	





1	Ouvoide deviation
	N=390 grn/4=292.5
	appor quartile
	F3 260 132160
	m3=267 C=10
	The state of the s
	$Q_3 = l_3 + 3N - m_3 _{KC}$
4	$\left[\begin{array}{cccccccccccccccccccccccccccccccccccc$
	=> 160 + 292.5 -267 X10
	60
	164.25
	Louver quartile Q1
	a,=h,+ N/4-milxc
	Γ_{i}
	Fr = 72 L= 120 m=79 C=10 N/n=94.5
	QE dy + DM - m3 XC
	9 140 4 [97.5 -79]X10
	> 140 + 2.57
	142.57

(1)

(Z)	Find media	Jon was	is and no	. of
	COON KORD			
1	wages, 60-69	(o-79 80-89) 15 20.	90-99 100-109	109-119
	wages:	wer row	CF.	
	59.5-69.5	5	5	
	29.5-79.5 79.5-89.5	15	30	
		20	50	
	89.5-09.5	20	80	
	99.5-109.5	20	100	
	109.5-119.5	8	801	
		N= 2F = 99	8	
	(1) N = 98 (2) N/2 = 98/	2 =49	
	F= 30 1:	-89-5 m	= 40 C=1	0
		TIM.		
	medians	4 / 2 FW	X	
		89.5 + [29	Tho) X10	
		\$ 92.5		