Sec:BCS-4F	Name: Shahzaib Khan	
Prob. Assatt=1	Roll No. 19k-0273 Date:	(1)
(0.1)		
Part (a)	Part B) Stern & Leaf Pl	ot:
$x \neq 1$		
4 1	S 5 46 L/2	
6 3	0 4,66,6,7,7,7,88,8,8,9	/ /
7 4	1 0,01,1,11,222,2,3,3;	3,4,5,5,5,5,
8 4	1 6,6,9,9	
9 3	28	
10 2		
11 4		
12 4		
13 3		
14 1		
154		
16 2		
19 2		
28 1		
Dot-Plot:		
Lucy and translations	111111	
0 5 10 15 20	25 30	

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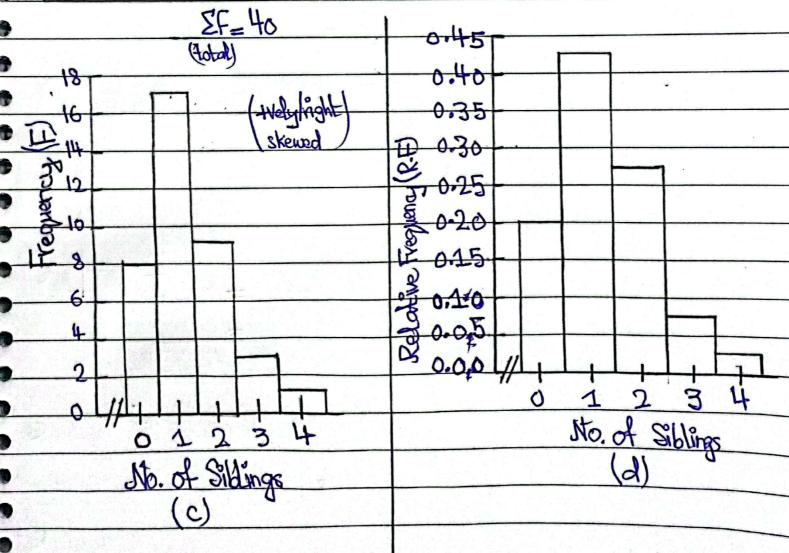
19k-0273 Date: 2
Q.2)
$P \setminus \{a\} = \mathbb{Z}$
Q1=(n+1)+=37+1=9.25+12-9+12+0.25(10+2-9+2)
• (4) 4
=Q1=48+0.25(48-148)
$Q_1 = 48 + 0.25(48 - 148)$ $Q_2 = 48$
02 - 1227 HR - 37-1/2 18:542-1842+0:5(1942=1842)
B=(n+1)h=37h=18.5th=18th+0.5(19th=18th)
-0 59 to 5 (60-59)
18 59B
Q3=3/h+1/th=3(37+1h=27.751h=27+h+0.75(28R=27+h)
4 14
$= Q_3 = 68 + 0.75 (69 - 68)$ $= Q_3 = 68.75$
-6875
= Q3 = 00.10
PILLITAD DO DA
Pax b, I.Q.R = Q3-Q1 = 6875-48
= IQR = 20:45
Part c) Five Number Summarys 31 O1-48 O2=median=59.5, Q3=68.75, may=79
min=31, Q1=48, Q2=median=59.5, Q3=68.75, max=79
OLOW 100 A TABLE 100 A ARTAD
Part a Lower Limit = Q1-1.5x I.Q.R Upper Limit = Q3+1.5x I.Q.R
<u>-48-1.5(20.75)</u> <u>=61.75+1.5(20.75)</u>
= Lower Limit = 16.875   Dppor Limit = 77.875
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	19/40/73	Date:	
Pout & Mo Outlier and than lower-lin	e present in the data	since no value is sm	valler
	mit (1.e. 16.840) & g	leater than upper-umo	_pz.1 1100)
Part (7') Box-Plots			
(whister)	Ost Os	<u> </u>	ely/leff iewed
30 Ho	50 = 60 =	70 &	1
Q.3) 7-3s 7-2s	7-8 7 7-13 7	425 7438	
18.3 312	451 58.5 74.9	7.8P 8.28	
Given: .i. 7=58.5	27F. 10= 1/2 =		
ii, s=13H	1.1		
14 0 4 4 4			

Date:

(VOT)								
Part is	1 44	0	Pol D.	_ [	0 0	01	0	
taxt , b.	Jumper	9	21P/TW	12	single	-boint c	prouping	
				0	0		VIE	/

0		191-	0273	
	14)			
9	Part is Number	r of Sibling	gs (single-point gran	ping
9				
9	No. of Siblings	Frequency	Relative Frequency	
	150	(F)-a	(R.F) → b	
	0	8	8/40= 0.2	
	1	<b>學1</b> 計	17/40_ 0.425	
	2	11	11/40= 0.275	
	3	3	3/40= 0.075	
2	4	1	140=0.025	

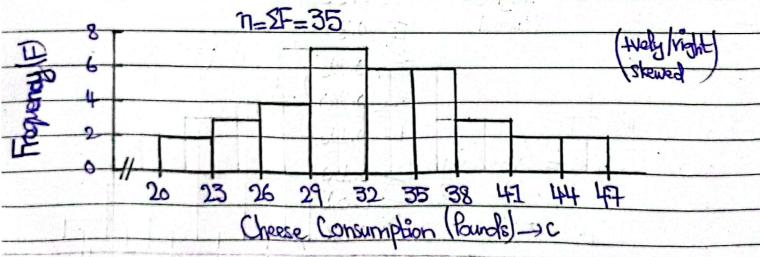


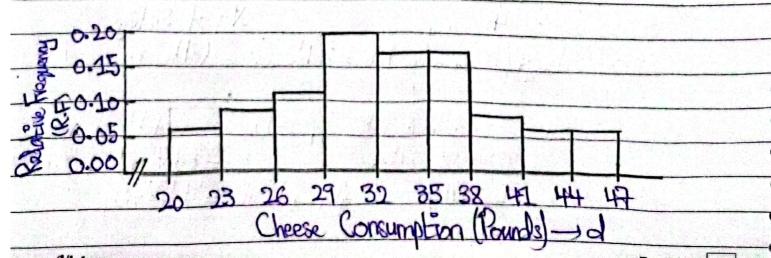
19k-0273

Date:\_\_\_

Part ils Cheese Consumption (Limit Grouping)

Cheese Consumption	Frequency	Relative Frequency
(Pounds)	(F)→a	(RF)-b
20-22	2	2/35=0057
23-25	3	3/35=0.086
26-28	4	4/35=0.114
29-31	7	7/35=0.20
32-34	6	6/35=0.171
35-37	6	B 35=0.171
38-40	3	3/35=0.086
生一种的	2	2/35=0.057
446-646	2	2/35=0.057





9			19/4-0	) <del> </del>  3	Date:
6	Part 11168	Fuel Tank Co	apacity (Cu	tpoint Grouping)	
9			· U	1 2	
9	Fiel Ta	nk Capacity	Frequency (F)+a	Relative Frequency (R.F)-16	
P		rallons)			
		nder 14	2	2/35=0.057	
, 	1	under 16	6	6 /35_0.A1	
1-	1	under 18	7	7,35-0.20	
_		under 20	6	6/35=0.171	
	1	-under 22	6	B=0.171	
	22=	-under 24	3	3 3B=0.086	
	24-	under 26	3	3 /35=0.086	
1	26	-under 28	2	2/35_0.057	
_			n=\$F=35		
-	FD 8				(tvely/right)
-	(A)		$-\Box$		Skewed Skewed
	¥ 4				
,	18 2				
-	0	4/	444		
-		12 14		THE RESIDENCE OF THE PARTY OF T	28
-		tuel'	Tank Capa	city (Gallons)→c	<u> </u>
-	<b>.</b>				
_	0.70		<b>—</b>		
-	200				
7 410	0.10				
-2	<del>0.0</del> 5				
ة	9 0.00	<del>//</del>	44.		
		12 14			28
		Fuel	-Tank C	apacity (Gallons)-	→d
	Victory			Sca	Page No nned with CamScanner