Assignment + 02

Submitted By: Sawera Yousa f

Roll Number: 197-0007

Section : Bs-(s-4A

Question No: 1

(9) sample mean = 57+61+57+57+58+61.+54+68+

-+ 47

44

= 54.63

Sample standard deviation

			그 레이탈하는 그들은 이 없이 그 나무?
Value	frequency	Value	fequency
42	1	50	ý
43		51	9
46	2	52	2
47	2	54	
48		55	3
49	2	56	4
80		58	la de la
61	3	64	2
62		65	1
		68	
		69	

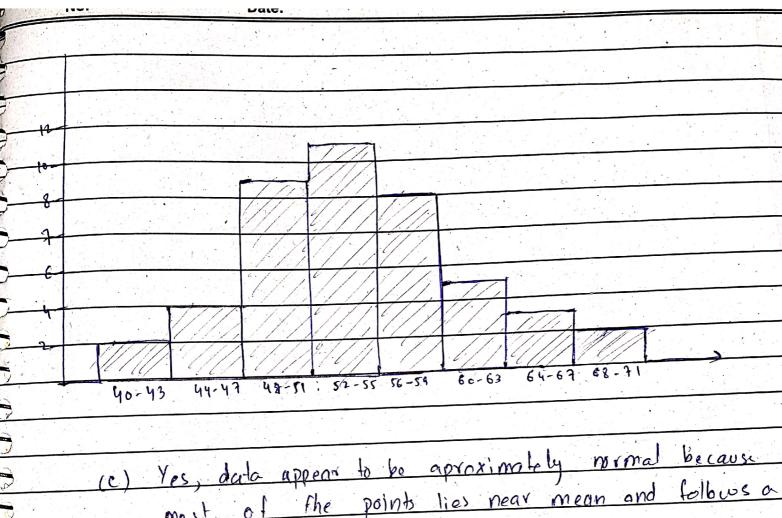
α^{2} , $2(\chi - \chi^{-})^{2}$	
n -1	
= (57-54.6364) + + (4354.6364)2
	94-1
= 1692.1818	
43	
$\alpha = \sqrt{39.353}$	
6.27	
(b)	
Interval	frequency
90-43	
44-47	y
48 - 51	9
52-55	

56+ 59 50 - 1

64 - 67

63

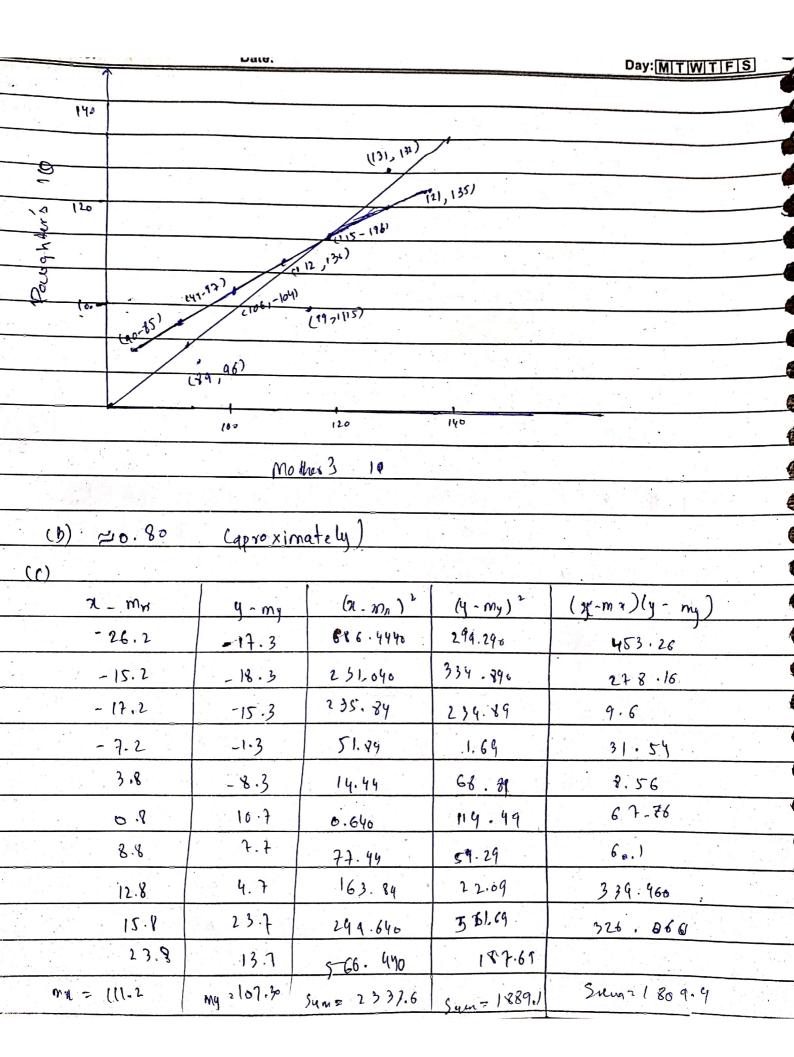
60



- (c) Yes, data appear to be approximately normal because must of the points lies near mean and follows a bell shaped graph.

Question No. 2

(9) 3 catter Diagram.



2 (q-mn) (y-my) 2 1809.9 V 2 1809.4 V2337-6218841 Y= 0.862 (d) Mother and Daughter's 10 have strong positive corelation so higher the mother's 10 higher will be the daughter)s 10. Question No: 3 3 letters 2 26 x 26 x 26 4 digits 2 loxloxlo Total no. of plates = 35 x 10 4 x 263 = 61516 × 105