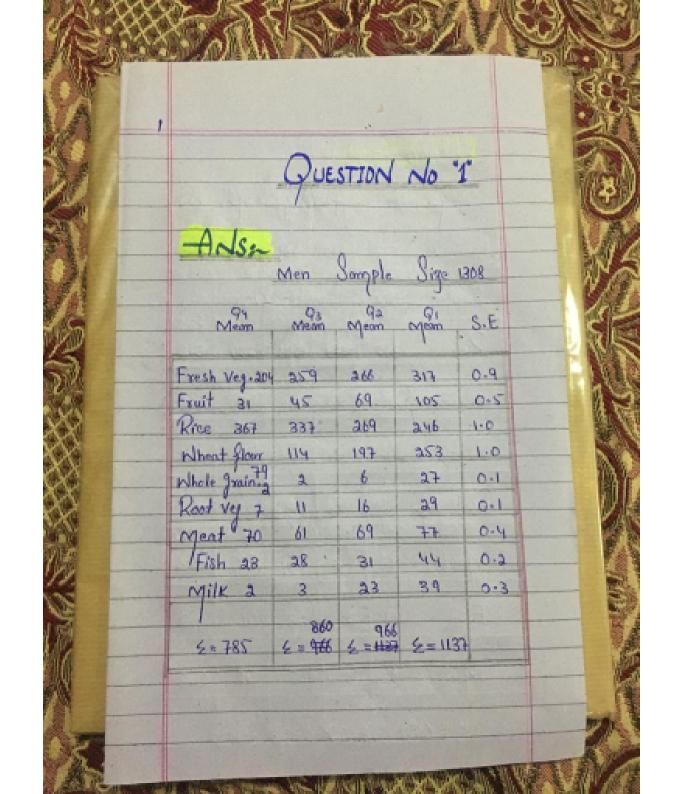
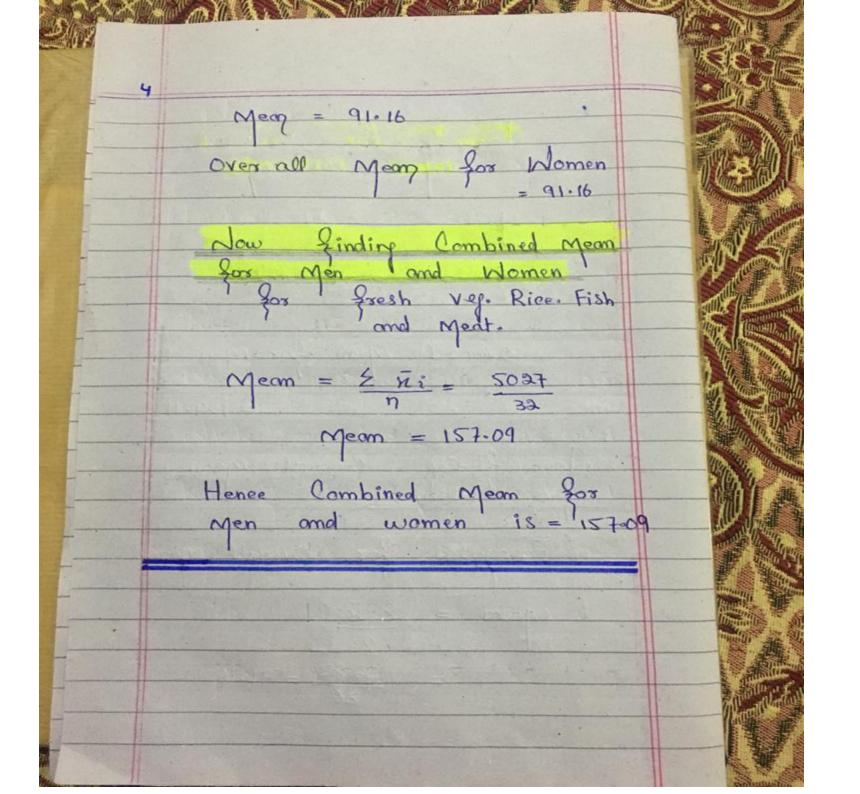
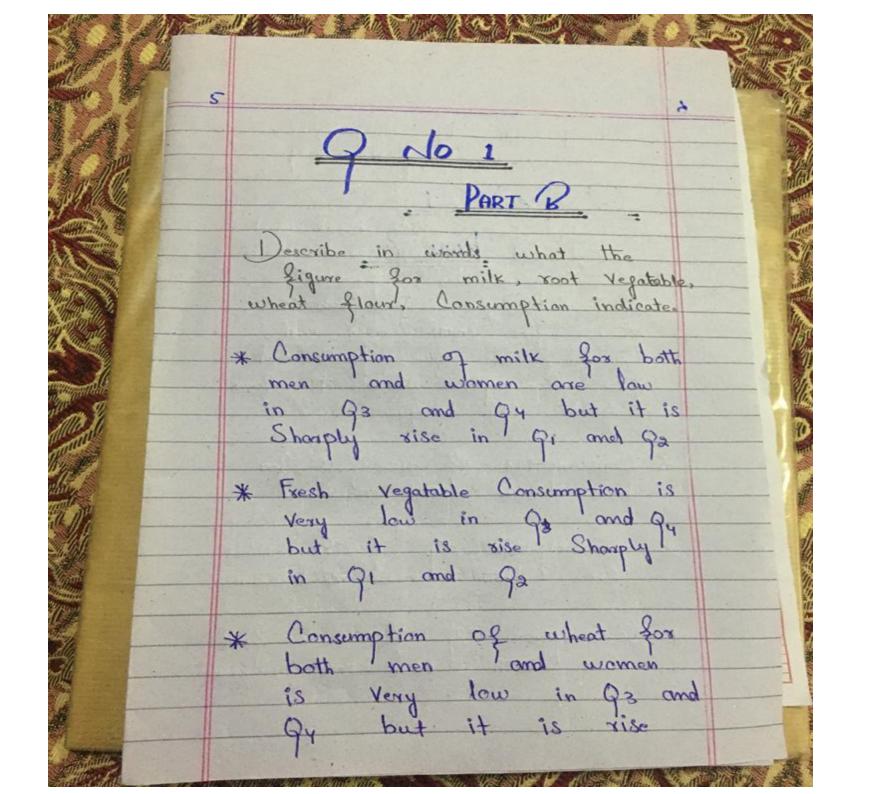
Name:Sameen jan Id:13714 Paper Biostatistics Examination:med Submitted to Sir Anwar Shamim

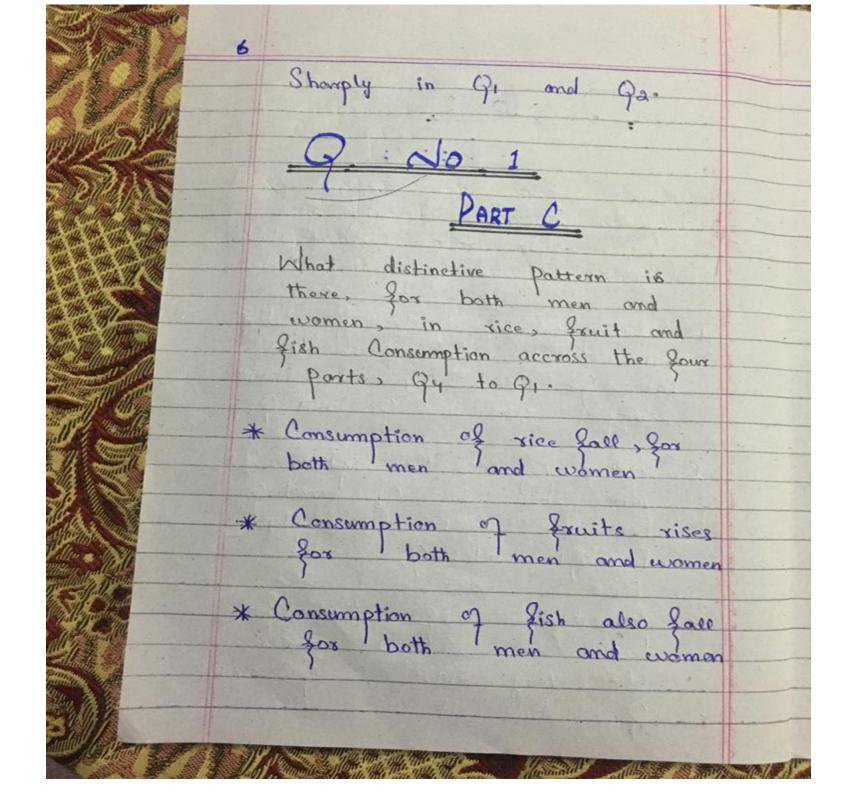


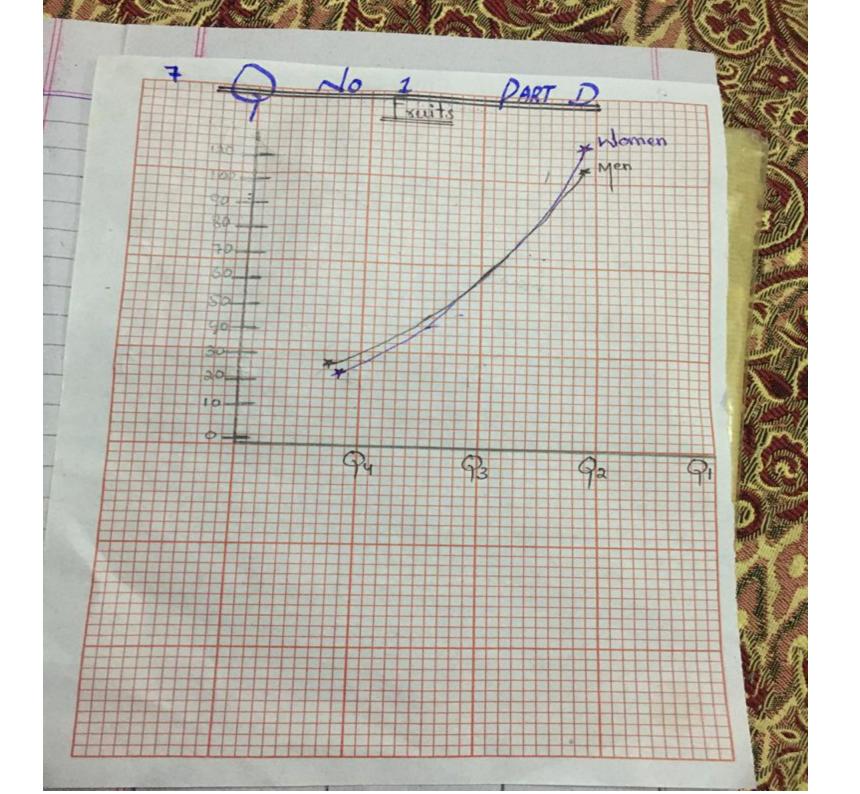
2 Women 1540 Mean 94 Mean Mean S.E Fresh Veg. 178 235 266 304 . 0.8 Fruit 28 46 70 121 0.4 Rice 315 276 243 220 0.8 Wheat flour. 56 118 141 180 0.8 Mhole grain-1 3 6 22 0-1 Root veg. 6 12 17 28 0.1 Meat 48 63 43 54 0-3 Fish 19 21 28 46 0-2 Milk 1 4 15 48 0.3 £ - \$52 £=758 £=840 £=1030

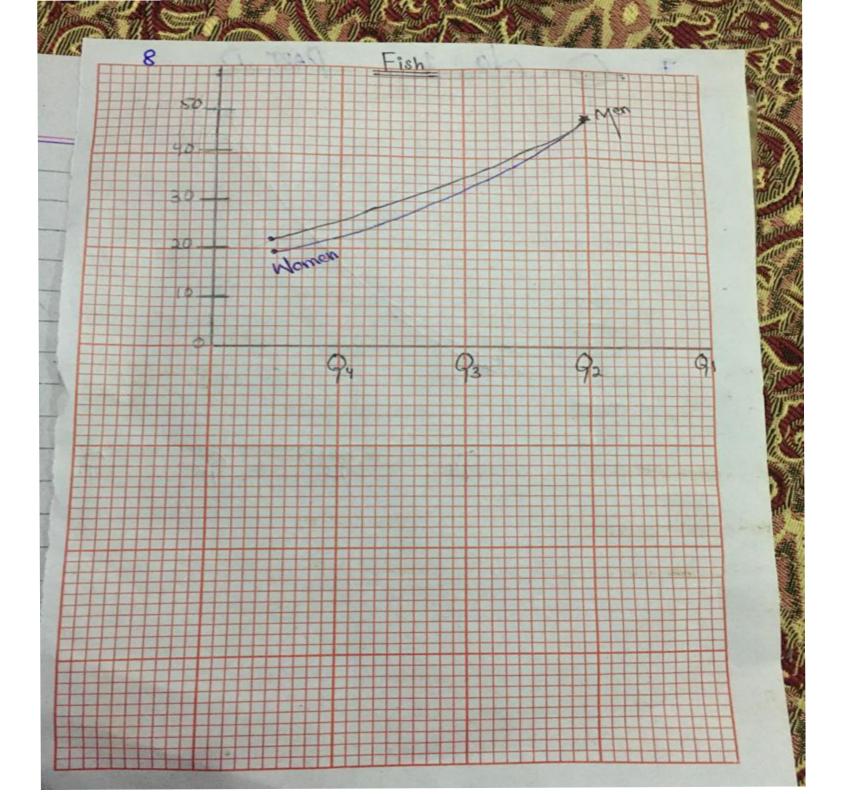
3 a) Formula For Over all Men. $Mean = \frac{\xi \bar{n}i}{n}$ Mean = 3748 = 104.11 Overall Mean for Men = 104.11 Now Linding Overall Mean for Women. Formula for Overall Means Mean = £ ri 32 82 = 91.16



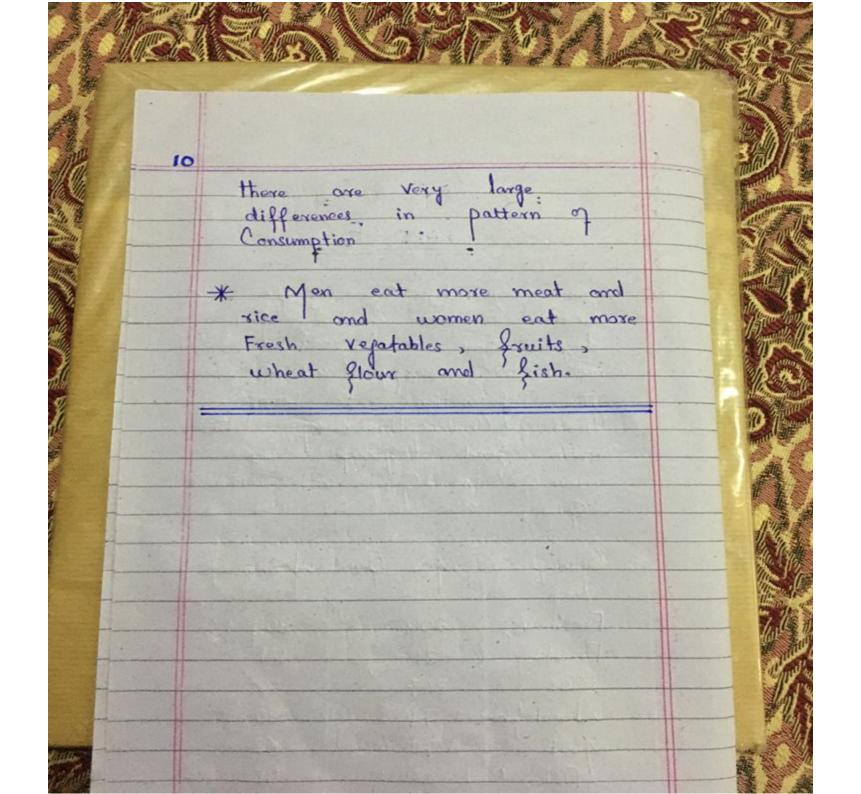








9 Men required, On average about 1 20 % more food per day than women to maintain energy level Use the information to compare the Consumption of the main food group by QI. Group Men Qu Nomen Q1 Fresh Veg 204 304 Fxuits 121 31 Rice 367 202 Meat floor 79
Meat 70
Fish 23 180 63 48



11 Standard derivation of whole grain and Root

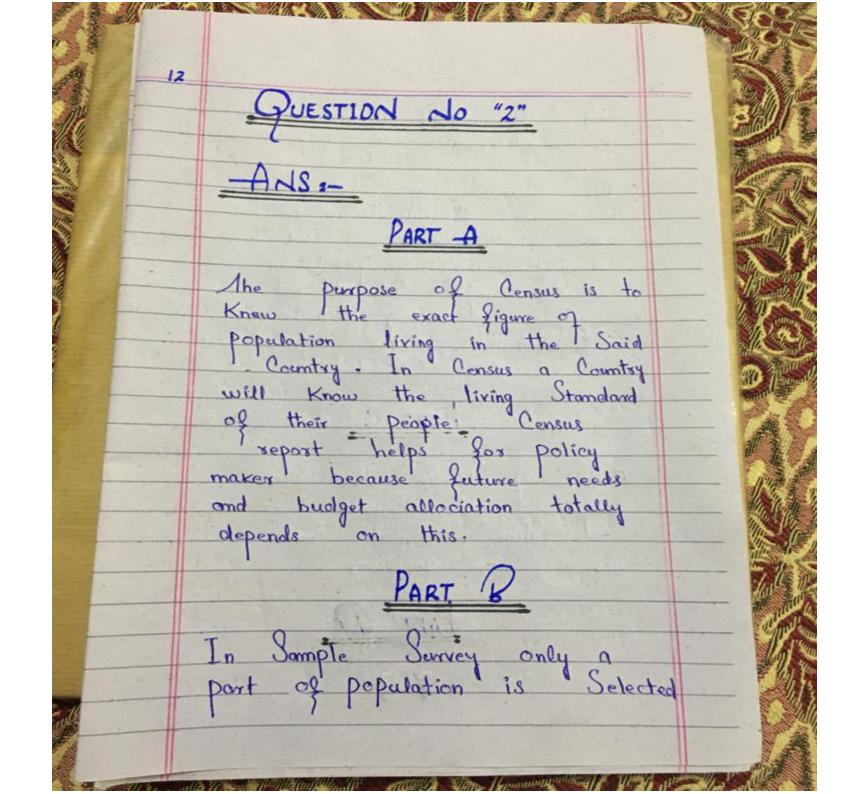
Vefitable for men and

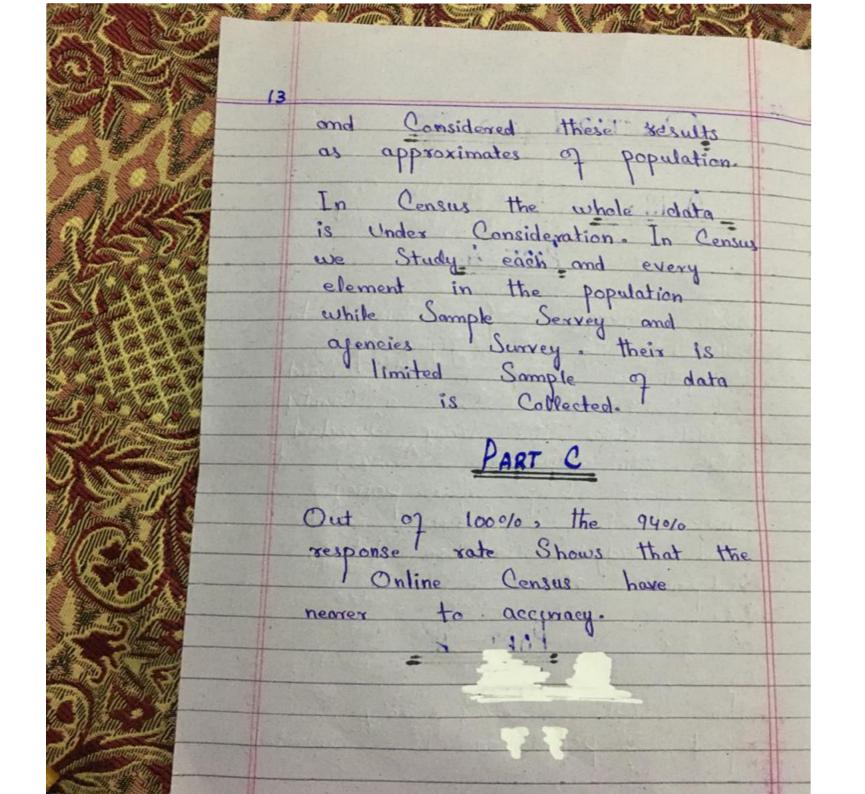
women is very less.

there fore root vefitable

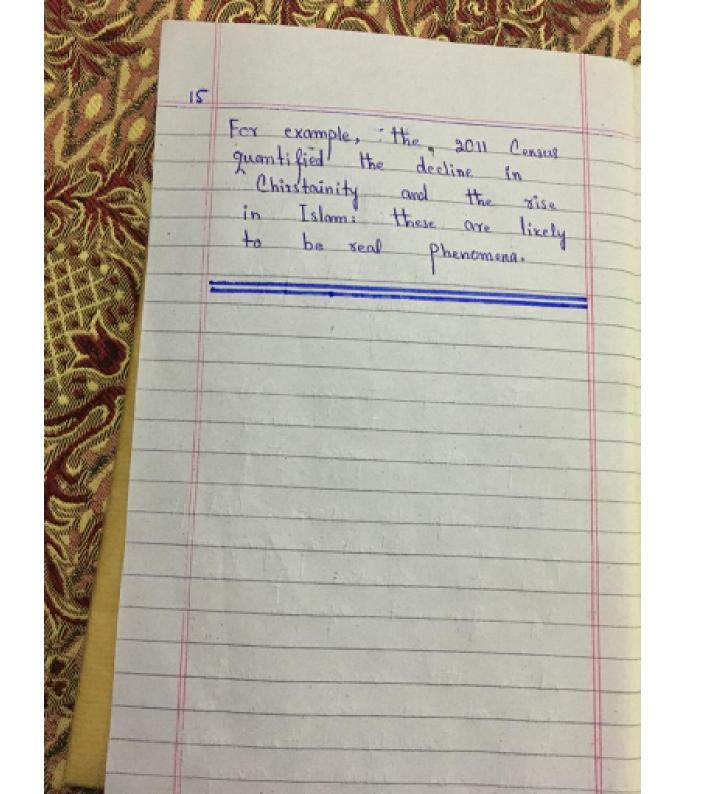
and grain whole result

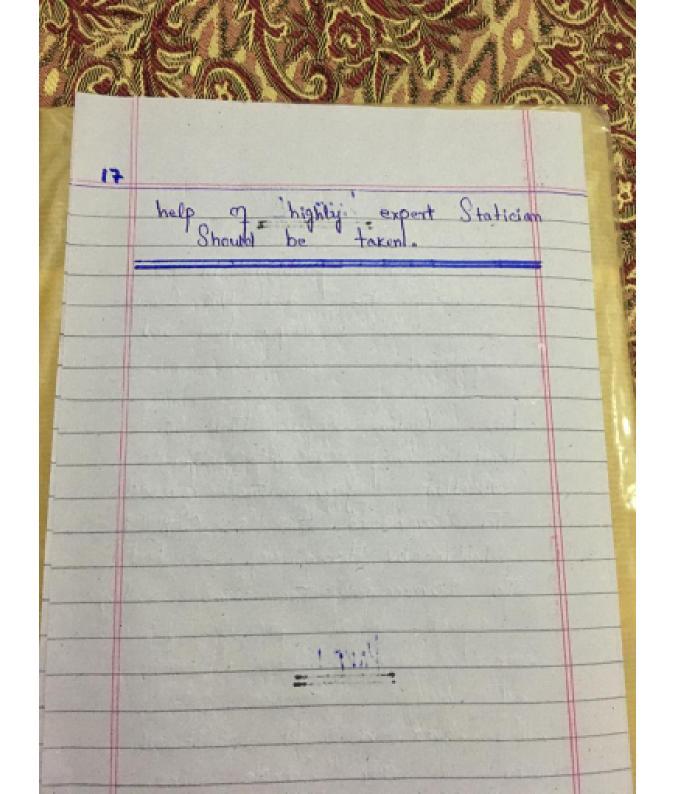
is best.

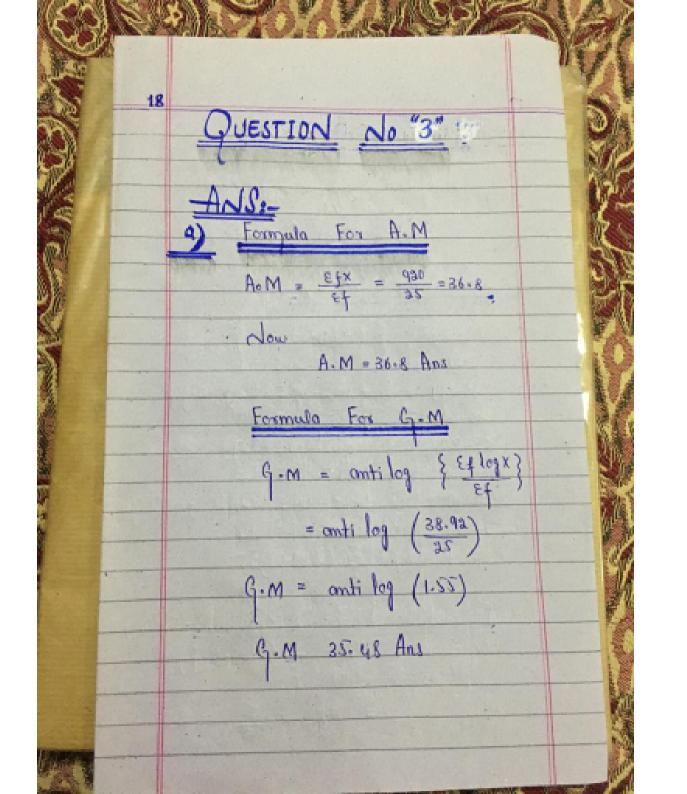


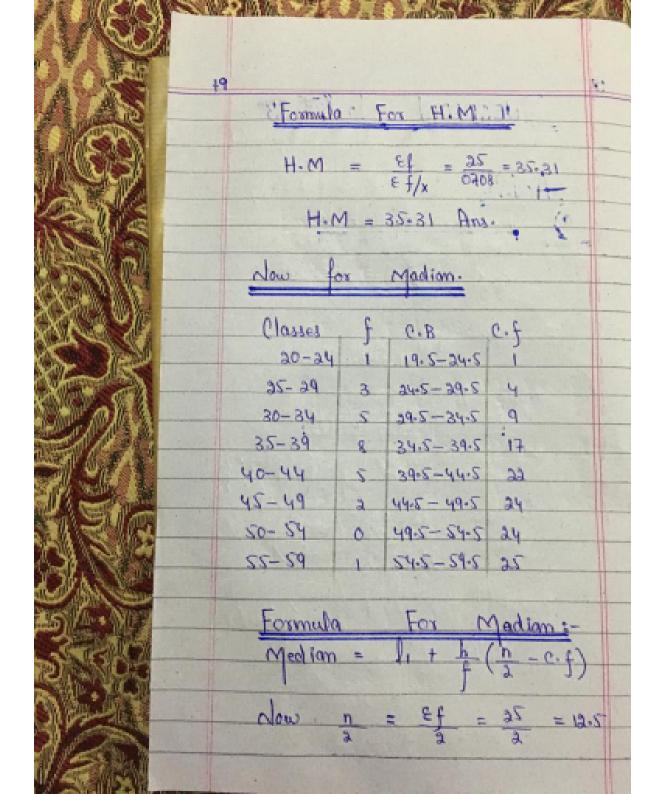


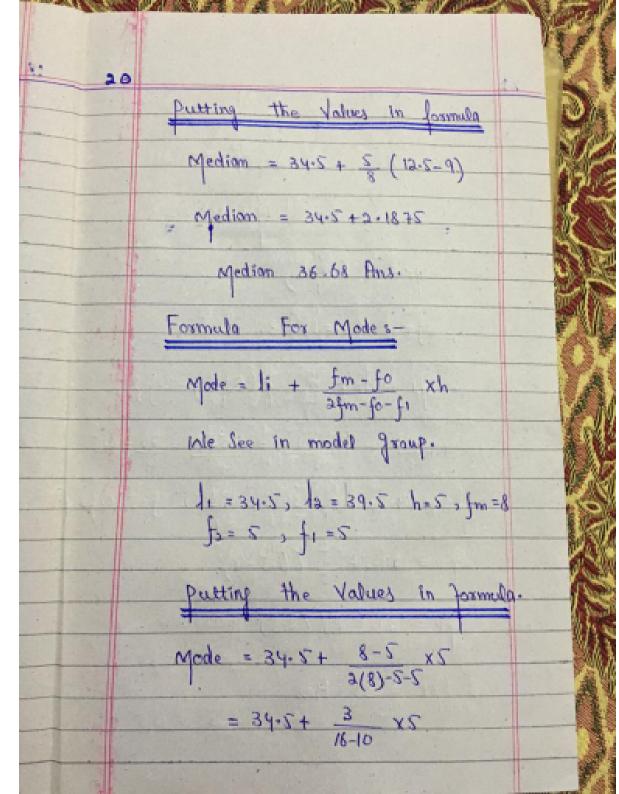
14 PART D Since 'Jedi Knight' is not in omy real Sense a religion. This indicates that People do not always take the Census Seriously This may therefore Cast doubt on the accuracy other responses they give " It may also indicate a Contempt for, or a distrust of government and the Collection of data by government agencies. While this example indicate that not all sesponses can be taken Seriously, I there may be Value in aking Still the Question.

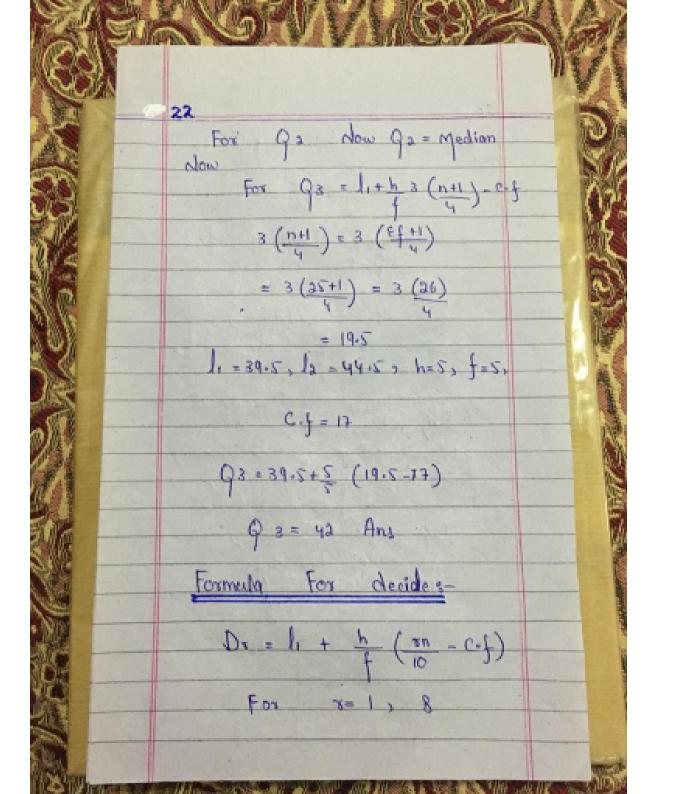


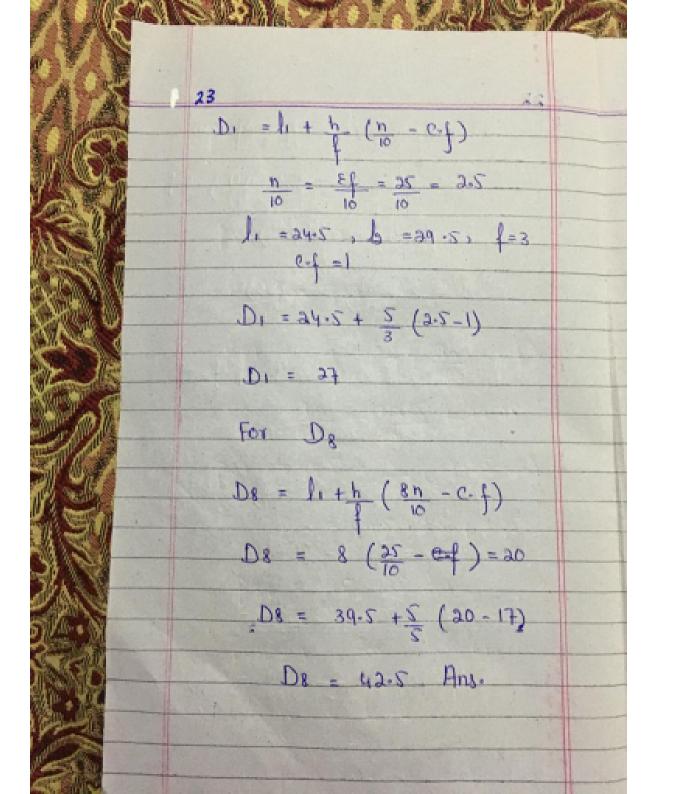


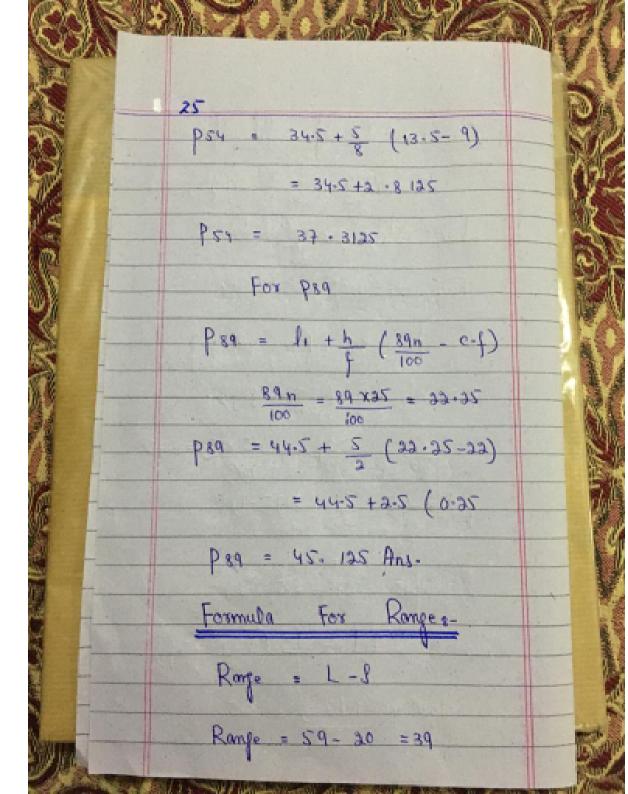


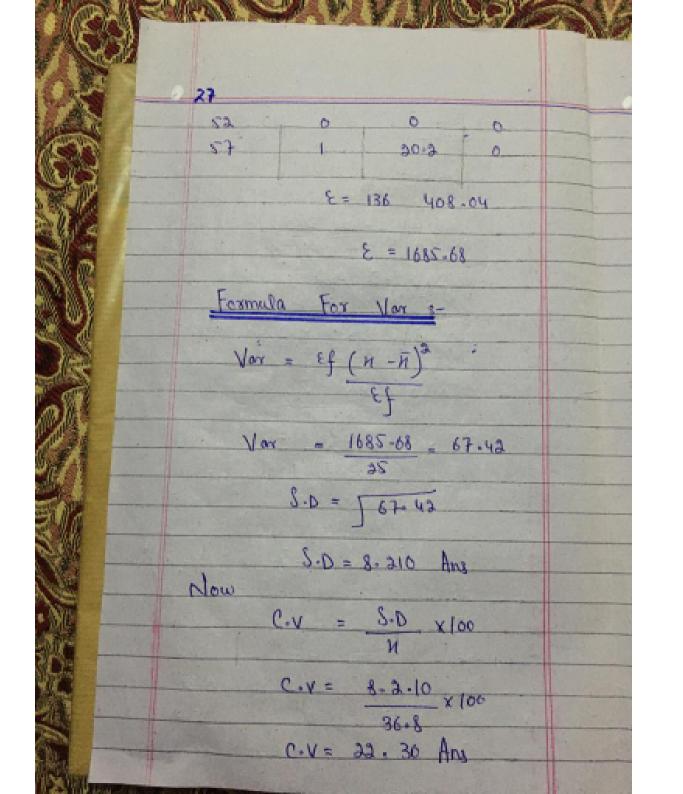












Skewness

Formula For SKE-

SK = Mean - Mode S.D SK = 36.8-37 8.210

SK = - 0.024

Q No "2" part "b"

For un grouped data =

			The second livery with the second livery	
и	logn	1/11	na	\n-n
22	1.34	0.04	33	12.23
27	p 43	6-03	789	-10.28
32	02-4	0.031	1034	0.28
	1.56	0-02	1369	0.58
37		0.093	1764	4-42
42	1.62	0-021	2209	9.42
47	1.67	0.019	2704	14.42
52	1-71		3249	14-43
57	1.75	0-017	30 11	1

AND A SOUTH AS THE ASSESSMENT OF THE ASSESSMENT

29

8=316 &= 12.6 & = 0. 22 &= 1307 0 &= 80 A.M. = 39.5

Formula For Gim 3-

GoM = onti (E log H)

 $= onti \left(\frac{12-6}{8}\right)$

G.M = 37-58 Ans

Formula For H.M.

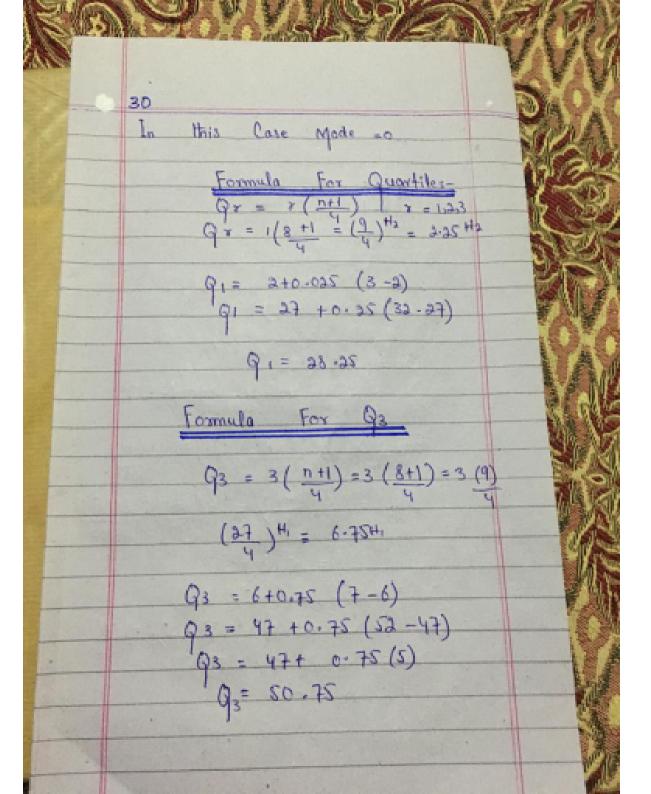
 $H-M = \frac{\epsilon \lambda n}{u} = \frac{8}{8} = 3.6.03$

H.M = 36.03

Formula For Modian e-

Median = $\left(\frac{m}{3}\right)^{H_2} = \left(\frac{8}{3}\right)^{H_2} = 4H_2$

Median = 37 Ans



31

Formula: Fox deciles.

$$Dx = x \cdot (\frac{n+1}{n})^{\frac{1}{n}}$$
 $x = 1.3 \cdot 6.3 \cdot 9$

$$D1 = 1 \cdot (\frac{8+1}{10}) = \frac{9}{10} = 0.9$$

$$D1 = 0.9 \cdot (1-6)$$

$$D1 = 0.9 \cdot (2.2)$$

$$D1 = 19.8 \cdot Ang$$
Fox D6

$$D6 = 6 \cdot (\frac{n+1}{10}) = 6 \cdot (\frac{8+1}{10}) = \frac{(9)6}{10}$$

$$= 5.4 \cdot 4$$

$$D6 = 5 + 0.4 \cdot (6.5)$$

$$D6 = 42 + 0.4 \cdot (41.42)$$

$$D6 = 44 + 0.4 \cdot (5)$$

$$D6 = 44 \cdot Ang$$

33 Formula For Pus P45 = 45 (n+1) = 45 (8+1) = 45(9) 20.4 ← 4+0.5 (5-4) = 4+0.5 (42-37) P45 = 37 +0.5(5) = 39.5 Formula For P758- $P7S = 7S \left(\frac{n+1}{100}\right) = 7S \left(\frac{8+1}{100}\right)$ = 75 (9) = 6.75 Now P75 = 6+0.75 (7-6) = 47 +0.75(52-47) (2)2F. O+ FP = 2F9 P75 = 50-75 Ans