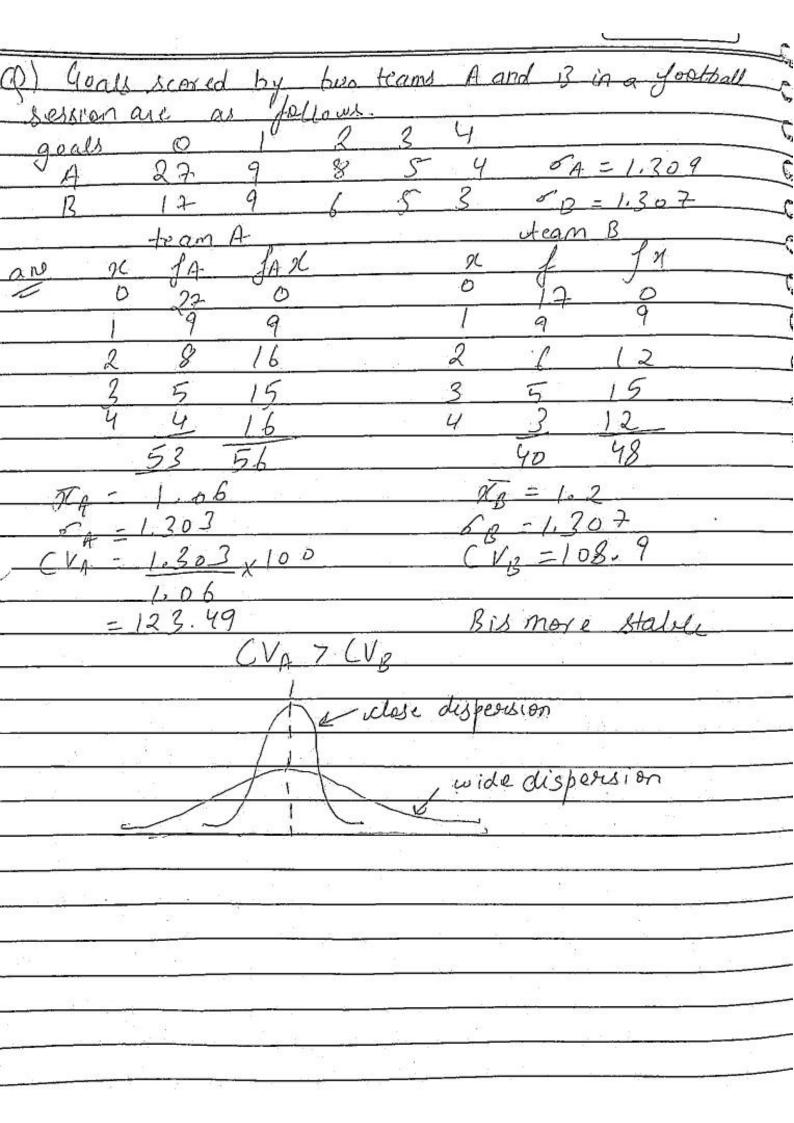
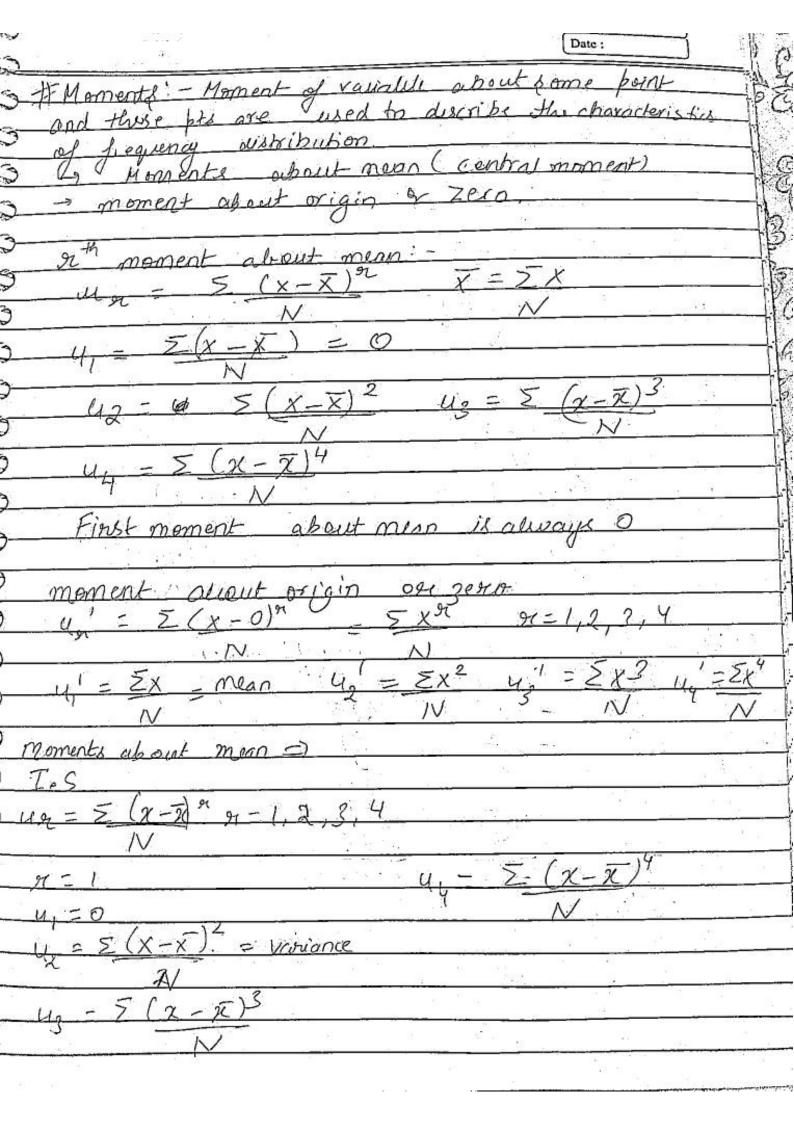
$= \sum_{i=1}^{n} \left(u_i - \overline{u} \right)^2$ Off Variance = 80 = + V Variance unit of measurement different Same oliff men Somemian 3 Lesser the CV I higher the stability coeff of variation 8td der I from the shape prices of x and y given below itute which shape is more stubble in value = y = 2.87 given 6x= 3,25 141 44 43 48 45 46 49 50 42 40 90 97 99 94 98 95 = share x shore y x = 448/10 = 44.8 X = 94 \$ /10 = 14.5 ry = 2-87 CV = 8 x100 CV= 5 x100 - 2.87 K100 (Vy L(Vy hence shave of is more Stalele





(m-x)2 = \(\int f(m-\overline{x})^3\) monent about mean 9

Page No. Date: = <u>vaviance</u> + 2 (4,1

| I and first 4 moments town about mean |
|----------------------------------------------------------------|
| |
| step 17 cale moments about origin |
| step 27 apply convension formula |
| |
| 1197 = 5 for |
| $\frac{1}{2} \int_{\mathbb{R}^{2}} dm dm^{2} dm^{2} dm^{2}$ |
| |
| |
| 5-10 5 7.5 37.5 56.25 281.25 C |
| |
| 15-20 13 17.5 277.5 306.25 3981.25 |
| ab-25 21 22.5 4-2.5 506.25 10 31.25 |
| |
| 30-35 8 32.5 260 1056.25 8450 G |
| 35-40 3 37.5 112.5 1406.25 4218.75 |
| 75 1642.5 40768.75 |
| |
| 4! = 1642.5 - 21.9 . 42 = 40768.75 - 543.58 E |
| 75 |
| m 3 /m 3 |
| $\frac{1}{2}$ |
| 71.000 |
| 421.875 2109.375 3164.0625 15820.3125 6 |
| 1953.125 13671.875 24414.0625 17.0898.4375 |
| 5359.375 (9671.875 93789.0625 1219257.813 |
| 11590.625 239203.125 256289.0625 5382070.313 |
| 20+96.8+5 332750 1115664.062 9150121 |
| 34328.125 874625 1977539.062 89182125 |
| 52734.375 158203.125 1977539.06.7 5932617.1816 |
| 1090265.625 30796679.69 |
| |
| |
| |

Date: 14536 1: 1090265.625 75 - 410622.3958 30796679.69 543.58 - (21.9)² 63.97 36.875 - 3(543.58) 21.9)3 -3 -21172.046 + 21006.918 -166.128 Ç **C** 3 <u>3</u> 0 0 2

)